# Yahoo Group Archive:
# T-368_BC-610

Yahoo Group summary: This list concerns the operation, maintenance, and repair of the T-368 and BC-610 military surplus HF radio transmitters especi

These Yahoo Groups messages were archived in WARC format by ArchiveTeam in 2016. This PDF was generated by Digital Library of Amateur Radio & Communications from the WARC files in 2026.

Date span: 1999-08-17 through 2016-04-17

Source WARC: t-368_bc-610.MtirnJA.warc.gz

Source item: https://archive.org/details/yahoo-groups-2016-05-09T19-22-28Z-4bcf9e

Messages included in this PDF: 6338

Message records with no body available in the source archive: 4

Messages omitted as spam from this PDF: 12

Yahoo replaced the domain portions of email addresses with @... in the archived messages. Characters lost in Yahoo's archived text appear as ?.

Messages are presented in ascending Yahoo message-ID order. Gaps indicate records absent from the source WARC or messages omitted from this PDF as spam.

## 1. Re: Sign up?

Yahoo group: T-368_BC-610
Date: 1999-08-17 15:34:15 UTC
From: Joe Foley
Topic: 1  Message: 1

```
--- ott kazott <kazott@...> wrote:
>
> On Mon, 16 Aug 1999 19:45:41 -0700 (PDT) Joe Foley
> <redmenaced@...>
> writes:
>
> >I've got a 3B28 arcing, is there anything besides a
> bad >3B28 that would
> cause that, it shows on the watt meter >and plate
> current, too.
> >
> It will show too. Any fluctuation in the force will
> be seen... uhhh...
> sorry... just saw Star Wars... anyway yup!
++++++++++++++++++++
haha.............. Don't wasnt to mess wid da force!

>
> There are other places and things that can vary
> their HV current draw...
> also, appliances like an AC, even your neighbors,
> will show up om the
> plate meter.
+++++++++++++++++
Don't think its that, it causes static on the AM radio, messes up the
Country music bad! If it was rap music it'd be an improvement. Drives
the wattmeter from 300 to almost 600.

>
> Does it do it in AM or CW or dosen't matter?
++++++++++++++++++++
Haven't tried the CW yet.

>
> Did you see arcing in the 3B28s?
Um,........... the blue cloud gets real big and small sparks fly up to
it, really cool looking, when it settles down to "normal", and it does
do that, its only a problem on starting to transmit on high power, then
there's no problem, all meters hold steady and quiet.

>
> You can pull a deck at a time starting with the
> power supply, jumpering
> the interlock, lifting the shorting bar, and letting
> the HV cook and see
> if it goes away.
```

>
> If not, slide the HV deck back in and pull the RF
> deck next (jumper the
> interlock), then the mod deck (jumper the interlock)
> and see if it goes
> away.
++++++++++++++++
Found this by pulling the back panel and listening for arcing, it
didn't make much noise when closed up, couldn't really tell where it
was coming from, but with B-2 off and the back open its obvious.

>
> As always, jumper the interlocks with great care as
> you can be killed or
> maimed. There is exposed HV all over in the cabinet
> when HV is on.
>
> Keep both audio gain controls turned down when doing
> this stuff.
>
> OR!!!!
>
> Get a couple of new, mil surplus 3B28s. Did tell
> you to do this a ways
> back. Save you considerable time chasing gremlins
> that arn't there.
++++++++++++++++++
Yes, I like that one better. Not as precise but it'll have better
results.

Joe

## 2. Welcome

Yahoo group: T-368_BC-610
Date: 1999-08-17 22:31:54 UTC
From: Joe Foley
Topic: 2  Message: 2

Hi,

My name is Joe Foley and I though that it would be great if the owners of T-368 transmitters had a mailing list just like the owners of R-390's do. So far we only have five subscribers but I started this yesterday.

Personally I don't have any problem with anyone uasing this list for BC-610 related information as that was the predecessor and has the same specs and function. But its up to you, too, so if anyone has any input on that let's hear it.

I bought my T-368 from Fair Radio two months ago and have been cleaning, checking, and replacing parts (very few) ever since. Mostly just cleaning!

So far K-9 had one set of contacts burned shut, the filament voltage meter has a crack in it, K-10 was missing, one broken crank knob, filament pot, burned out in one spot, replaced with one that will work, all graciously replaced by Phil at Fair.

Repairs so far:

Re-soldered the HV lead to one of the rectifiers (bad job by mil-tech)

Bang out dent in power supply deck near interlock, so interlock would make contact. Straighten sides (I've happy now, I got to hit it with a hammer!)

New bearings for both fans.

Enlarge hole for B-2 to lower pressure in the infeed area and lower air/noise ratio.

Set spark gaps.

Tighten all fasteners.

Clean, clean, clean, clean! and then clean!

Built way-heavy skate board with huge casters.

Changed power cord for one with 10/3 and a ground. 1 1/4" plumbing bushing fits the existing hole, with lock nut inside and a 3/4" Kellem strain relief fits into that, neatly.

The cabinet was real ugly when I first saw it but it was very straight and the primer filled all of the scratches on the first coat, it looks new now, at least the cabinet does the modules are going to have to

wait 'til winter.

Power up has gone good with small hitches, mostly of my own making. Twisted off one of the 3B28's, ouch that's expensive!. Still have one arcing.

How'd yours go?

Later,

Joe

## 3. Re: [MilSurplus] New List

Yahoo group: T-368_BC-610
Date: 1999-08-17 23:41:35 UTC
From: Joe Foley
Topic: 3  Message: 3

--- W2ZR@... wrote:
> Hi Joe,
> No, I didn't subscribe yesterday. You may have
> seen some comments of
> mine on another list perhaps. I had a T-3 offered
> to me but it was 1500
> miles away. Are these things shippable or am I
> going to be limited to buying
> one within the radius I'm willing to drive? I'm in
> S. Florida.
>
> 73,
> Steve W2ZR
++++++++++++++++++
W2 in So. Fla.?

Hmm,..... the shipping for a T-3 is a PAIN!

They're 750 L.b.s. (That's Lotsa B.S.)

I ended up making the trip to Lima, OH (600 miles, one way) to pick mine up as the trucker was waiting for it to become an antique before he would get to it. It just fit into my 3/4 ton pickup with a "high" cap.

If you were going to have it shipped you would need to have a fork lift on your end to get it off the truck. I was able to get mine off from my truck by removing the modules and then wrassling (that IS the proper spelling) the cabinet off seperately. But then I'm only 45 years old, 6'3", 200 Lbs and cut firewood with a crosscut saw. (Sure sign of insanity!)

The power deck weighs well over 100 Lbs by itself and I don't pick it up unless I really have to.

We'll keep looking!

Joe

## 4. New Member Profile

Yahoo group: T-368_BC-610
Date: 1999-08-18 15:07:09 UTC
From: Verne Anderson
Topic: 4  Message: 4

Hi Joe and all T-368/BC-610 owners,

I am very happy to see a list created for owners/users or just interested persons of the T-368/BC-610 transmitters. I own both a T-368 and a BC-610. Looking for spare parts and/or complete units. Would like to put together a GRC-26 hut on a military vehicle.
Looking for any WEB sites with info on these transmitters. A list would be nice to compile.

Here is a great site: www.buffnet.net/~bhowes/t-368.htm

73's
Verne Anderson
W6LPM
Campbell, CA near San Jose

## 5. Re: New Member Profile

Yahoo group: T-368_BC-610
Date: 1999-08-18 16:33:58 UTC
From: Joe Foley
Topic: 4  Message: 5

> Hi Joe and all T-368/BC-610 owners,
>
> I am very happy to see a list created for
> owners/users or just interested
> persons of the T-368/BC-610 transmitters. I own
> both a T-368 and a BC-610.
> Looking for spare parts and/or complete units.
> Would like to put together a
> GRC-26 hut on a military vehicle.
> Looking for any WEB sites with info on these
> transmitters. A list would be
> nice to compile.
>
> Here is a great site:
> www.buffnet.net/~bhowes/t-368.htm
++++++++++++++++++++++++++
Thanks, Verne,

There is a unit like you mentioned, the GRC-26 available near Houston,
he has the T-3 and R-390 A's set up for RTTY I think. His name is
Larry Lowry, I'll see if I can get a hold of him if you're interested.
He only has the shelter, no truck but M-211's are easy to find.

If you found Bruce's website you have about all there is, Ol' Ott
Kazott has one, he'll be along soon, I signed him onto this list today.
That's why I started this list, we need to get together so we can make
more information!

Thanks,

Joe KG2CI

## 6. Re: New Member Profile

Yahoo group: T-368_BC-610
Date: 1999-08-18 16:50:33 UTC
From: mbendror@xxxxxxxxxx.xxx
Topic: 4  Message: 6

Hi Joe and Group,

I'm glad the T-368 got a mailing list.
I have a T-368F, antenna tuner, ME-165 and the control box + 2 R-390A's in a rack all cabled together as in the GRC-26.
I use the T-3 on the Saturday morning East Coast Military Radio Collectors' Net when conditions dictate using high power (otherwise I'm on the GRC-19 or if conditions are really good, I use either the GRC-9 or the BC-1306. My T-368 is completely unmodified, as issued (via Fair Radio, when they still had a good selection of them, newly retubed, tested and stored). As a principle, I never modify any original military equipment.

It'd be nice to have the complete GRC-26 shelter and keep the T-3 and stuff in it, but right now one shelter, a complete as issued, with all the equipment GRC-42B (GRC-106A+RTTY gear but without the original military truck) is all the XYL is willing to look at in the back yard.

73, Meir WF2U

Quoting Joe Foley <redmenaced@...>:

> From: Joe Foley <redmenaced@...>
>
>
>
>
>
> > Hi Joe and all T-368/BC-610 owners,
> >
> > I am very happy to see a list created for
> > owners/users or just interested
> > persons of the T-368/BC-610 transmitters. I own
> > both a T-368 and a BC-610.
> > Looking for spare parts and/or complete units.
> > Would like to put together a
> > GRC-26 hut on a military vehicle.
> > Looking for any WEB sites with info on these
> > transmitters. A list would be
> > nice to compile.
> >
> > Here is a great site:
> > www.buffnet.net/~bhowes/t-368.htm
> ++++++++++++++++++++++++++
> Thanks, Verne,
>
> There is a unit like you mentioned, the GRC-26 available near Houston,

> he has the T-3 and R-390 A's set up for RTTY I think. His name is
> Larry Lowry, I'll see if I can get a hold of him if you're interested.
> He only has the shelter, no truck but M-211's are easy to find.
>
> If you found Bruce's website you have about all there is, Ol' Ott
> Kazott has one, he'll be along soon, I signed him onto this list today.
> That's why I started this list, we need to get together so we can make
> more information!
>
> Thanks,
>
> Joe KG2CI
> --------------------------- ONElist Sponsor ----------------------------
>
> You can WIN $100 to Amazon.com by starting a new list at ONElist.
> Drawing is held each week through August 20. For details, go to
> http://www.onelist.com/info/onereachsplash3.html
>
> ------------------------------------------------------------------------
>

## 7. Re: New Member Profile

Yahoo group: T-368_BC-610
Date: 1999-08-18 18:07:24 UTC
From: Joe Foley
Topic: 4  Message: 7

--- mbendror@... wrote:
> From: mbendror@...
>
> Hi Joe and Group,
>
> I'm glad the T-368 got a mailing list.
> I have a T-368F, antenna tuner, ME-165 and the
> control box + 2 R-390A's in a
> rack all cabled together as in the GRC-26.
> I use the T-3 on the Saturday morning East Coast
> Military Radio Collectors' Net
> when conditions dictate using high power (otherwise
> I'm on the GRC-19 or if
> conditions are really good, I use either the GRC-9
> or the BC-1306. My T-368 is
> completely unmodified, as issued (via Fair Radio,
> when they still had a good
> selection of them, newly retubed, tested and
> stored). As a principle, I never
> modify any original military equipment.
>
> It'd be nice to have the complete GRC-26 shelter and
> keep the T-3 and stuff in
> it, but right now one shelter, a complete as issued,
> with all the equipment
> GRC-42B (GRC-106A+RTTY gear but without the original
> military truck) is all the
> XYL is willing to look at in the back yard.
>
> 73, Meir WF2U

++++++++++++++++++++++
Hi Meir,

The last I knew, when I was out there a few months ago, they had ONE
T-368 left and its ugly! But it probably works. They said they hadn't
gotten any in at least five years.

I've got the 939 antenna tuner but the cover isn't right, it fits on
but won't latch. I'd like to find a control box, that'd be good.

They have the ME-165's new-in-the-box with the manual and changes.

They have the 6000 tube for $25.00 and 3B28's for $14.00.

Maybe if you lined the shelters up one behind the other she wouldn't be able to see both of them, ....nah, you'd probably just end up living in one of them. Hmmm,.....

## 8. Antenna question

Yahoo group: T-368_BC-610
Date: 1999-08-20 19:10:56 UTC
From: Joe Foley
Topic: 8  Message: 8

> Looking forward to some great stuff on the really
> Big Iron!! and getting
> me off the 390's for a bit and back to getting the
> T-3's up and soundin'
> good...
>
> Worked on 160 dipol 'til dark...its a lot of work
> even though the
> antennas is simple...btw...do u have experience with
> open wire fed
> dipoles...got a big question re length of the
> elements vs the calculated
> value..
>
> 73.
>
> Gene
++++++++++++++++++
No, Gene, you're ahead of me but I'll bet someone on the T-3 list
knows, I'll post it there and see what happens.

Joe

---
Do You Yahoo!?
Bid and sell for free at http://auctions.yahoo.com

## 9. Re: Update

Yahoo group: T-368_BC-610
Date: 1999-08-20 21:40:36 UTC
From: Joe Foley
Topic: 9  Message: 9

--- Bill Coleman <n2bc@...> wrote:
> From: "Bill Coleman" <n2bc@...>
>
> Joe commented that the list was quiet, I'll add some
> QRM in the way of an
> intro for myself.
++++++++++++++++
Thanks, Bill. I'd like to make sure that all 17 of the subscribers are getting the list OK.

>
> I'm a T-368 'wanna-be' - someday, maybe...
++++++++++++++++
Got others like you on the list, too. I got hunters out.

One of
> my earliest HR
> experiences was with the '368s older brother - as a
> teenager in the early
> 60s being chased around 75M by W2OYand his BC-610.
++++++++++++++++++
I got the bug from my R-390 A.

> A much more recent
> event was a visit with KG2IC (not to be confused
> with KG2CI) and a tour of
> Bruce's beautiful T-368.
++++++++++++++++++++=
I'm hoping to get him signed up, too. He has the nicest setup, I think four now.

>
> Current goodies include a 75A-4 / KWS-1, almost
> completed homebrew 2 x
> 4-1000 amp (see brag pix at:
> http://207.108.137.61/n2bc.htm ), 32V-2, Drake
> R-4A/T-4X, and a Kenwood TS-something that doesn't
> get much use.
+++++++++++++++
You're one of those tube dudes, too?

>
> Currently on the prowl for an R-388 or 51J to go
> with the 32V.
++++++++++++++++++++++
Are you on the R-390 list? They have a big folowing of the R-388

there.

And if a
> homeless T-368 shows up, I may be able to help...
> HI HI
+++++++++++++++
Ah, yes, we can dream, can't we? They won't follow you home unless
they have wheels on them.

Thanks,

Joe

_____
Do You Yahoo!?
Bid and sell for free at http://auctions.yahoo.com

## 10. Website

Yahoo group: T-368_BC-610
Date: 1999-08-20 23:22:20 UTC
From: Joe Foley
Topic: 10  Message: 10

http://home.att.net/~r391/www_ott/368.htm

_____
Do You Yahoo!?
Bid and sell for free at http://auctions.yahoo.com

## 13. Re: Update

Yahoo group: T-368_BC-610
Date: 1999-08-21 00:48:34 UTC
From: Bill Coleman
Topic: 9  Message: 13

Hello Gene, the plate choke is from RF parts (www.rfparts.com) I think it was $25. Quite husky... It is supposedly used in some of the Ameritron amps and good for 160 thru 10. I don't have 160 in my monster so don't know if it is indeed good there.

73, Bill

-----Original Message-----
From: Gene G. Beckwith <jtone@...>
To: T-368@onelist.com <T-368@onelist.com>
Date: Friday, August 20, 1999 8:38 PM
Subject: Re: [T-368] Update

>From: "Gene G. Beckwith" <jtone@...>
>
>Bill Coleman wrote:
>>
>> From: "Bill Coleman" <n2bc@...>
>>
>> Joe commented that the list was quiet, I'll add some QRM in the way of an
>> intro for myself.
>>
>> I'm a T-368 'wanna-be' - someday, maybe... One of my earliest HR
>> experiences was with the '368s older brother - as a teenager in the early
>> 60s being chased around 75M by W2OYand his BC-610. A much more recent
>> event was a visit with KG2IC (not to be confused with KG2CI) and a tour
of
>> Bruce's beautiful T-368.
>>
>> Current goodies include a 75A-4 / KWS-1, almost completed homebrew 2 x
>> 4-1000 amp (see brag pix at: http://207.108.137.61/n2bc.htm ), 32V-2,
Drake
>> R-4A/T-4X, and a Kenwood TS-something that doesn't get much use.
>>
>> Currently on the prowl for an R-388 or 51J to go with the 32V. And if a
>> homeless T-368 shows up, I may be able to help... HI HI
>>
>> 73 all Bill N2BC
>>
>> -----Original Message-----
>> From: Joe Foley <redmenaced@...>
>> To: t-368@onelist.com <t-368@onelist.com>
>> Date: Thursday, August 19, 1999 7:17 PM
>> Subject: [T-368] Update
>>
>> >From: Joe Foley <redmenaced@...>

>> >
>> >Hi list,
>> >
>> >So far we have 15 subscribers, .......15 very quiet subscribers.
>> >
>> >CQ.....................CQ.....................CQ.................de
>> >....KG2CI.............KG2CI.................KG2CI
>> >
>>
>> --------------------------- ONElist Sponsor ----------------------------
>>
>> ONElist: your connection to online communities.
>>
>> ------------------------------------------------------------------------
>
>
>Hi Bill,
>
>Glad to see ur post...and enjoyed ur pix...If I get a lead on a T-3 will
>advise...am sure with a bit of patience, one will turn up...
>
>I'm looking for a 51J-4...and am sure there is one out there
>someplace...thrill of the chase I guess...
>
>btw, can you advise details of plate choke in ur 4-1000 plate circuit
>pix? Am day dreaming about a pair of 4-400's some day...need plate
>xformer...have mod iron at 600 watts ... curious if u wound ur own, or
>is it commercial...
>
>finally, re my main T-3, its running but main cooling fan is too noisy,
>and hope to put a switch on it...its in good condition but made to
>operate below decks in the tropics if needed...
>
>Will keep an eye out for any leads...
>
>73,
>
>Gene
>
>--------------------------- ONElist Sponsor ----------------------------
>
>ONElist now has T-SHIRTS!
>For details and to order, go to:
>http://www.onelist.com/store/tshirts.html
>
>------------------------------------------------------------------------
>

## 14. Re: Update

Yahoo group: T-368_BC-610
Date: 1999-08-21 01:00:23 UTC
From: Joe Foley
Topic: 9  Message: 14

```
> finally, re my main T-3, its running but main
> cooling fan is too noisy,
> and hope to put a switch on it...its in good
> condition but made to
> operate below decks in the tropics if needed...
>
> Will keep an eye out for any leads...
>
> 73,
>
> Gene
++++++++++++++++++++++++++++++
Hey Gene,

What'd you think about my punching out the hole for the air intake?
That and new bearings might help that.

Joe

_____________________________________________________
Do You Yahoo!?
Bid and sell for free at http://auctions.yahoo.com
```

## 16. Re: Update

Yahoo group: T-368_BC-610
Date: 1999-08-21 02:37:01 UTC
From: Gary Pewitt
Topic: 9  Message: 16

At 08:42 PM 8/20/1999 -0700, Gene G. Beckwith wrote:
>From: "Gene G. Beckwith" <jtone@...>
>
>>snip snip
There is a nice 51J4 at Radio Recyclers in Milwaukee.
414 760 3000

73 Gary also a T368 wannbe.

>I'm looking for a 51J-4...and am sure there is one out there
>someplace...thrill of the chase I guess...
>
>btw, can you advise details of plate choke in ur 4-1000 plate circuit
>pix? Am day dreaming about a pair of 4-400's some day...need plate
>xformer...have mod iron at 600 watts ... curious if u wound ur own, or
>is it commercial...
>
>finally, re my main T-3, its running but main cooling fan is too noisy,
>and hope to put a switch on it...its in good condition but made to
>operate below decks in the tropics if needed...
>
>Will keep an eye out for any leads...
>
>73,
>
>Gene
>
>---------- ONElist Sponsor ----------
>
>ONElist now has T-SHIRTS!
>For details and to order, go to:
>http://www.onelist.com/store/tshirts.html
>
>---
>
>
Gary Pewitt N9ZSV/KT gpewitt@...
6120 W. Calumet Rd. Apt. 204, Milwaukee, WI 53223
414 355 8147 home 414 297 4307 work
Sturgeon's Law "Ninety percent of everything is crap."

## 17. Re: Update

Yahoo group: T-368_BC-610
Date: 1999-08-21 04:38:41 UTC
From: BrRonK777@xxx.xxx
Topic: 9  Message: 17

OK, Joe, I do need the interlock switches for my BC-610. Also the door latch for the right side door. Some very thoughtful guy previously removed them. Also, I need an overload reset switch. Anybody have the specs, and what is the best way to install it (kind of hard to get at). BTW, a new plate relay would be very nice, and, while we're at it, does anybody have one of those low freq conversion kits? Let me know. vry 73 es good AM DX, Ron -- W1ARS www.qsl.net/w1ars/

## 18. Website!

Yahoo group: T-368_BC-610
Date: 1999-08-21 22:41:17 UTC
From: Joe Foley
Topic: 18  Message: 18

www.bizlink.com/am/wwwboard/ messages/2236.html

Joe

---
Do You Yahoo!?
Bid and sell for free at http://auctions.yahoo.com

## 19. Website's real URL, ha! Just checking.

Yahoo group: T-368_BC-610
Date: 1999-08-21 23:33:29 UTC
From: Joe Foley
Topic: 19  Message: 19

```
--- W2ZR@... wrote:
> Hi Joe,
> I keep getting an error messge. Could you have
> made a typo? I'm sure
> you only make one mistake per year but is it
> possible that this was it?
>
> 73,
> Steve W2ZR
++++++++++++++++++
Oopsage!!

Try:

www.thebizlink.com/am/wwwboard/messages/2236.html

Joe
>


_________________________________________________
Do You Yahoo!?
Bid and sell for free at http://auctions.yahoo.com
```

## 20. Tube deals?

Yahoo group: T-368_BC-610
Date: 1999-08-22 22:02:20 UTC
From: Joe Foley
Topic: 20  Message: 20

Any body got any good deals on tubes?

I need some 3B28's to get this thing "off the ground"!

So far they range from $14 to $31, quite a spread, huh?

Then there's those 6000 tubes.....

Thanks,

Joe

_____
Do You Yahoo!?
Bid and sell for free at http://auctions.yahoo.com

## 21. Results of Tube Search

Yahoo group: T-368_BC-610
Date: 1999-08-23 22:37:00 UTC
From: Joe Foley
Topic: 21  Message: 21

```
--- Jim Grimes <daily@...> wrote:
>
>
> Joe Foley wrote:
>
> > Hi,
> >
> > Can you give me prices on these tubes, please?
> >
> > 3B28 30.00
> >
> > 6000 25.00
> >
> > 4-400 125.00
> >
> > 4-125 89.00
> >
> > 5R4GWA (big grey base) 10.00 All items
> stock. Prices USD
> > plus shipping. Thanks, Jim.
++++++++++++++++++++++++++
--- KEN CHAIT <atsi@...> wrote:

> 3B28 $25.00 ea.US Military surplus
> 6000 $50.00 ea.
>
>
++++++++++++++++++++++++
--- "Daniel J. Nelson" <djn@...> wrote:
> Joe:
>
> I can send the entire list via email if you can deal
> with text files of
> about 300K.
>
> The tubes I sell are USED and TESTED where I can.
> All are sold on
> approval. In other words, I ship to you and after
> you like them, send
> funds. With transmitting tubes, I don't have the
> facility to test them,
> so I realize we are both taking bets. I believe that
> you should have a
> chance to examine the tubes before payment. Also,
> consider that I toss a
```

> lot of NIB tubes that don't make it.
>
> I have (1) 4-124A Emac used. Slight color on glass.
> $40
> A number of 3B28's @ $8.00 ea.
> NO 4-400's - sorry...
> Should have some of the 5R4WGA/B's some where -
> $1.70 ea
> No 6000's either..
>
> Thanks for the inquiry...Hope we can do some
> business!
> --
> Daniel J. Nelson
> djn@...
> <:)
> -----------------
++++++++++++++++++++++
That's some spread on the 3B28's!!

Fair Radio wants $14 for them and $25 for the 6000 tube.

Anybody have any other hot tips?

Joe

---
Do You Yahoo!?
Bid and sell for free at http://auctions.yahoo.com

## 22. Re:

Yahoo group: T-368_BC-610
Date: 1999-08-24 22:29:52 UTC
From: Joe Foley
Topic: 22  Message: 22

This is the response I got from this company regarding the tube list I posted yesterday. What do you think of it? Should I do business with them? Would you?

Joe

--- "Davilyn Corp." <info@...> wrote:
> nobody wrote:
> >
> > (Mail generated automatically. Do not respond.)
> >
> > User input from your WEB page:
> >
> > send Catalog Company = none
> > send Catalog name =
> > send catalog Street =
> > send catalog City =
> > send catalog State =
> > send catalog ZIP =
> > Telephone# =
> > Fax# =
> > Email = redmenaced@...
> > 1part# = 5R4WGA ****$35.00 EACH****
> > 1Qty = 3 Thank you for your inquiry.
> Michelle @ Davilyn Corp
> 1 800 235 6222
> > 2Qty =
> > 3part# =
> > 3Qty =
> > 4part# =
> > 4Qty =
>

_____
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## 23. Re:

Yahoo group: T-368_BC-610
Date: 1999-08-24 22:50:20 UTC
From: Joe Foley
Topic: 23  Message: 23

The other part of the list:

--- "Davilyn Corp." <info@...> wrote:
> nobody wrote:
> >
> > (Mail generated automatically. Do not respond.)
> >
> > User input from your WEB page:
> >
> > send Catalog Company = none
> > send Catalog name = Joe Foley
> > send catalog Street =
> > send catalog City =
> > send catalog State = NY
> > send catalog ZIP =
> > Telephone# =
> > Fax# =
> > Email = redmenaced@...
> > 1part# = 3B28
> > 1Qty = 4
> > 2part# = 4-400
> > 2Qty = 1
> > 3part# = 4-125
> > 3Qty = 2
> > 4part# = 6000
> > 4Qty = 2
> 4-400 $275.00 each
> 4-125 $175.00 each
> 6000 $300.00 each
> Thank you for your inquiry,
> Michelle @ Davilyn Corp
> 1 800 235 6222
>

---------------------------------------------------
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## 24. There, that better?

Yahoo group: T-368_BC-610
Date: 1999-08-25 01:23:27 UTC
From: Joe Foley
Topic: 24  Message: 24

I've changed the name of the list to include the other transmitter
because some felt left out.

I've also changed the protocol for replying, it used to default to the
list, but now a reply will go to the sender instead. I think it works
better that way.

Let me know what you think, Ok?

Thanks,

Joe

---
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## 25. Re: [T-368] There, that better?

Yahoo group: T-368_BC-610
Date: 1999-08-25 03:19:02 UTC
From: Marshall M. Dues
Topic: 25  Message: 25

Joe,

Thanks for including the BC-610 in the list name.

Why have the replies sent to the sender, instead of the list?
Those of us who are interested in the T-3, etc. are also interested
in those replies. Otherwise, it is like listening to a one sided
conversation. I, for one, would like to hear all responses.

Thanks,

Marshall (every flight's a flying lesson) Dues, WB5MYO
Katy, TX 77450

R-390A
R-392s (3)
BC-348s (2)
ART-13

Joe Foley wrote:
>
> From: Joe Foley <redmenaced@...>
>
> I've changed the name of the list to include the other transmitter
> because some felt left out.
>
> I've also changed the protocol for replying, it used to default to the
> list, but now a reply will go to the sender instead. I think it works
> better that way.
>
> Let me know what you think, Ok?
>
snip

# 26. TEST

Yahoo group: T-368_BC-610
Date: 1999-08-25 03:22:59 UTC
From: cwtappe@xxxxxxxxxx.xxx
Topic: 26  Message: 26

TEST

## 27. Re: Re: [T-368] There, that better?

Yahoo group: T-368_BC-610
Date: 1999-08-25 03:29:49 UTC
From: David Humbertson
Topic: 25  Message: 27

Yes, I too would like to hear all the responses. I usually file
items by equipment type,etc and they often come in handy
later on when I have a problem and "can't remember" what
was posted in the past.

>Why have the replies sent to the sender, instead of the list?
>Those of us who are interested in the T-3, etc. are also interested
>in those replies. Otherwise, it is like listening to a one sided
>conversation. I, for one, would like to hear all responses.

--
73, Dave - W3NP
Ft. Ashby, WV

T-368E
R-390A (3)
R-388

## 28. Glad to be here!!!

Yahoo group: T-368_BC-610
Date: 1999-08-25 03:50:16 UTC
From: Chuck Tappe
Topic: 28  Message: 28

Hi Joe:

Want to express my thanks for your efforts in promoting the T-3. I'm glad to be a part of this VERY elite group. Waiting delivery of my "E" model with ant tuner, remote, power meter and RTTY modulator. These will be trucked by the previous owner the 20 miles to the new QTH. Probably set this up for this weekend.

Best 73's to you and the group and again THANKS.

Chuck
K3UBD/San Diego

## 29. 3815 Kc...

Yahoo group: T-368_BC-610
Date: 1999-08-27 20:45:36 UTC
From: ott kazott
Topic: 29  Message: 29

A night ago I tried out 3815, a lightly used "alternate" 75 meter east coast AM window. Worked a couple of contacts from PA and Mass. They had been monitoring SSB up the band a bit but switched to AM when they heard the T-3.

It was clear channel operation with no congestion and no interference from others.

Those list members not wanting to get up early on Saturdays for the Old Military Radio Net might want to consider using this frequency as an informal (PTT) evening meeting place to run up their mil-spec gear.

73, Ott
KA3OTT

_____
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## 30. Re: [armyradios] T-368 & BC-610 List

Yahoo group: T-368_BC-610
Date: 1999-08-28 23:24:44 UTC
From: Joe Foley
Topic: 30  Message: 30

> I've got two of the beasts, both hybrids. One has a
> "Basic" PA, a modulator
> chassis from an "A" model and a "C" power supply
++++++++++++++++
I was wondering about that, since the "C" came out a few years after
the Basic I was wondering how many there were of the early models.

> The other has military
> tags on all drawers identifying it as a "C" but
> actually has a "Basic" PS .
> This unit also has a mod in it that appears on none
> of my schematics.
++++++++++++++++++++
The schematics are a pain, they're not consistent between models, the
old ones have a 110 VAC antenna relay and the newer ones have a 26VDC
relay, just for example.

Both
> work FB, by the way, and I've had no technical
> problems with either. Friends
> who used these in the military report they were
> routinely run contunuous
> duty RTTY at 400 watts out with no problems so
> normal Ham use barely warms
> them up.
++++++++++++
That's why I got mine, it should last years under my useage.

>
> I just wish there were more of them on the air.
> There are a large mumber in
> circulation, and they are quickly snapped up when
> put on the market, but I
> just don't HEAR that many. Same story on both
> coasts as far as I can see.
> Do you have any ideas?
++++++++++++++++++++
Do you mean besides the obvious logistics problems of using and moving
a transmitter that weighs more than some shelters?

I made a frame for the casters out of three inch channel, the casters
are 5",three hundred pound capacity ones. That's needed along with a
strong floor.

It also draws ten amps at idle, that might have a little to do with it,
too. But I'll use mine for a space heater, too!!

Joe KG2CI

---

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# 31. Re: T-368 & BC-610 List

Yahoo group: T-368_BC-610
Date: 1999-08-28 23:30:43 UTC
From: Joe Foley
Topic: 31  Message: 31

> I just wish there were more of them on the air.
> There are a large mumber in
> circulation, and they are quickly snapped up when
> put on the market,
++++++++++++++
There are several on this list that are waiting for them.

Right guys?

Joe

---
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## 32. Re: [T-368] There, that better?

Yahoo group: T-368_BC-610
Date: 1999-08-28 23:47:19 UTC
From: BrRonK777@xxx.xxx
Topic: 25  Message: 32

I agree Joe. I have often been embarrassed by a reply showing up on the list when it was intended only for the addressee.

Anytime I want to address the list I can still do so.

73 es tnx, Ron -- W1ARS

## 33. Re: Re: [T-368] There, that better?

Yahoo group: T-368_BC-610
Date: 1999-08-28 23:54:34 UTC
From: BrRonK777@xxx.xxx
Topic: 25  Message: 33

Hi Dave,

Whether my mail goes to the individual or the net should be the senders call, not the list.

I can always address something of interest to all to all. I've often been embarrassed by mail accidentally going to the whole list, and so has the addressee.

Private is private. Public is public. And it saves space, tooooooo.

Ron -- W1ARS

# 34. Re: [BoatAnchors] heh heh It's Dat Ole BC-610 agin.....

Yahoo group: T-368_BC-610
Date: 1999-08-29 00:44:25 UTC
From: BrRonK777@xxx.xxx
Topic: 34  Message: 34

Hi Bill,

The address os TS-368_BC-610@onelist.com.

I've taken the liberty of sending them a copy of this msg.

73 es gud hunting.

Ron -- W1ARS

# 35. Re: T-368 & BC-610 List

Yahoo group: T-368_BC-610
Date: 1999-08-29 01:02:22 UTC
From: Joe Foley
Topic: 31  Message: 35

>
> I've got two of the beasts, both hybrids. One has a
> "Basic" PA, a modulator
> chassis from an "A" model and a "C" power supply.
> The other has military
> tags on all drawers identifying it as a "C" but
> actually has a "Basic" PS .
++++++++++++++++++++++++
Gee, I feel honored, mine has, evidently, all 1967 modules from the
same manufacturer, Bendix Aviation. Not quite sure of the RF deck, its
silk screened while the others are engraved. May mean nothing, could
have been the same contract, don't know.

Still not sure exactly what the difference is between the "F" and "E"
models. Mine's an "E".

Joe

This unit also has a mod in it that appears on none
> of my schematics. B

_____
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# 36. (no subject)

Yahoo group: T-368_BC-610
Date: 1999-08-29 14:03:25 UTC
From: Mark Foltarz
Topic: 36  Message: 36

Hello all,

Looking for physical dimensions of RCA 1R1
commercial Xmtr. I need to make sure we will be able
to get it in the van when I pick it up!

DE KA4JVY

Mark

610E
T368C
KWS1
Gates 1T

## 37. AHH That's better!!

Yahoo group: T-368_BC-610
Date: 1999-09-01 00:41:34 UTC
From: Joe Foley
Topic: 37  Message: 37

Hi list,

I have finally found the source of the arcing in the power supply deck of my "new" T-368.

Seems the HV wire is in pretty bad shape.

I tried 3M's130C Linerless Rubber Splicing Tape for low and high voltage (thru 69K V).....well I don't think so!!!!!

I used the 1" wide stuff and half lapped it to absolutely NO good effect or result.

Mind you I could NOT see any damage, smoke marks, corona, or other indication of leakage. Except where the miltechs had replaced one of the leads going to the HV rectumfriers. (Yes, I've been listening to Tim,..... too much!)

Could THAT be it? Don't know,..... yet.

What finally stopped the arcing was some fibreglass tape, sticky stuff, 1 1/2' wide, 3M again. I wrapped anything going through, or near, the chasis. I put it on the chasis between the wire and ground. Wrapped it around the mounting bracket for the bleeder resistor in the back where the wire goes around the sharp corner. Put it between the wires on the rectumfrier sockets.

So what I'm saying is that I don't really know where the problem was. But it looks like I have to re-wire the HV.

ABLE Electronics is looking for a deal on HV hookup wire for me, Kelly says she can get her suppliers to send out a "test" sample so I won't have to buy a 250' roll for $1/ft. She said they DIDN"T mind selling to small buyers!

What d'ya think of that?

Joe

---
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## 38. Re: AHH That's better!!

Yahoo group: T-368_BC-610
Date: 1999-09-01 01:46:26 UTC
From: Joe Foley
Topic: 37  Message: 38

--- Bill Coleman <n2bc@...> wrote:
> Joe, try an auto parts store... real live Belden
> wire for spark plugs: "7MM
> ignition cable, Metalic Core, NAPA's #734710, 25'
> spool - abt $1/foot as I
> recall. You can also get it in some pretty
> audatious colors too!
++++++++++++++++++++
Yeah, but does it have a 14 ga. conductor?

The rectifier leads are 12 ga.

Joe

_____
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## 39. Re: AHH That's better!!

Yahoo group: T-368_BC-610
Date: 1999-09-01 01:55:08 UTC
From: Bill Coleman
Topic: 37  Message: 39

Joe (and list...) 12ga? Must be for the filaments of the rectifiers...?! The stuff I was pointing to is abt 16, maybe 18 ga - plenty much for major serious B+, not for filaments tho. If it's just a short run for the filaments I wud just cover the existing stuff with some teflon sleeve. Shud be able to find that at RF Parts or SSN possibly. More Power! ----- Original Message ----- From: Joe Foley To: Sent: Tuesday, August 31, 1999 9:46 PM Subject: Re: [T-368_BC-610] AHH That's better!! > From: Joe Foley > > > > > --- Bill Coleman wrote: > > Joe, try an auto parts store... real live Belden > > wire for spark plugs: "7MM > > ignition cable, Metalic Core, NAPA's #734710, 25' > > spool - abt $1/foot as I > > recall. You can also get it in some pretty > > audatious colors too! > ++++++++++++++++++++ > Yeah, but does it have a 14 ga. conductor? > > The rectifier leads are 12 ga. > > Joe > > _____ > Do You Yahoo!? > Bid and sell for free at http://auctions.yahoo.com > > > ---------- ONElist Sponsor ---------- > > ATTN ONELIST USERS: stay current on the latest activities, > programs, & features at ONElist by joining our member newsletter at > Click (http://www.onelist.com/subscribe/onelist_announce) > > ---------- >

## 40. Re: AHH That's better!!

Yahoo group: T-368_BC-610
Date: 1999-09-01 02:06:21 UTC
From: Joe Foley
Topic: 37  Message: 40

```
--- Bill Coleman <n2bc@...> wrote:
> Joe (and list...) 12ga? Must be for the filaments
> of the rectifiers...?!
++++++++++++++++++
It is!

> The stuff I was pointing to is abt 16, maybe 18 ga -
> plenty much for major
> serious B+, not for filaments tho.
+++++++++++++++
The 14 ga. feeds HV to the rest of the xmtr. Smaller may handle it
but I don't know about handling any surge currents, should keep it the
same gauge.

>
> If it's just a short run for the filaments I wud
> just cover the existing
> stuff with some teflon sleeve. Shud be able to find
> that at RF Parts or SSN
> possibly.
+++++++++++++++
Good idea, if I can get wire reasonably as far as cost and shipping, I
think that'd be best.
>
> More Power!
++++++++++++
Definitely, always!!!!

> > > Joe, try an auto parts store... real live Belden
> > > wire for spark plugs: "7MM
> > > ignition cable, Metalic Core, NAPA's #734710,
> 25'
> > > spool - abt $1/foot as I
> > > recall. You can also get it in some pretty
> > > audatious colors too!
> > ++++++++++++++++++++
> > Yeah, but does it have a 14 ga. conductor?
> >
> > The rectifier leads are 12 ga.
> >
> > Joe

_________________________________________________
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```

# 41. T-368 Audio suggestions.

Yahoo group: T-368_BC-610
Date: 1999-09-01 14:28:44 UTC
From: Verne Anderson
Topic: 41  Message: 41

Hi all,

I am interested in what other T-368 owners have done with their audio circuit to improve or modify it for a more useable circuit? What microphones are being used? I am bringing back to life a unit and would like suggestions on modifying the audio circuit to be compatible with a D-104 or Shure 444. Maybe everyone is either using it with a original mic or gone to expensive broadcast input equipment for audio?

Verne
W6LPM

## 42. Re: T-368 Audio suggestions.

Yahoo group: T-368_BC-610
Date: 1999-09-01 14:52:31 UTC
From: mbendror@xxxxxxxxxx.xxx
Topic: 41  Message: 42

I left my T-368E completely intact, because a.) I will never modify old military equipment. They are not currently in production, their numbers are dwindling and they are irreplaceable after they're gone (just like I won't modify any antique artifact) - The gear was designed for a certain purpose and I want to preserve the technological and technical features. b.) the audio is designed for the voice spectrum of 300-3000Hz which is where the most information is in human speech, therefore the most efficient for communications (not to say the least about the excessive bandwidth generated by "hi-fi" audio which is inconsiderate towards others sharing the amateur bands and is also illegal).

My T-368 is hooked up in the GRC-26A configuration, with the remote control box where the microphone is connected. I'm using either the original, as specified M-29 carbon mike or sometimes an old Electrovoice handheld, 500 Ohm dynamic mike which interfaces nicely with the 600 Ohm line input to the transmitter.

This is my $0.02 worth. Others of course may have different and diverse opinions....

73, Meir WF2U

Quoting Verne Anderson <verne.anderson@...>:

> From: "Verne Anderson" <verne.anderson@...>
>
> Hi all,
>
> I am interested in what other T-368 owners have done with their audio
> circuit to improve or modify it for a more useable circuit? What
> microphones are being used? I am bringing back to life a unit and would
> like suggestions on modifying the audio circuit to be compatible with a
> D-104 or Shure 444. Maybe everyone is either using it with a original mic
> or gone to expensive broadcast input equipment for audio?
>
> Verne
> W6LPM
>
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## 43. Re: AHH That's better!!

Yahoo group: T-368_BC-610
Date: 1999-09-02 01:37:11 UTC
From: Joe Foley
Topic: 37  Message: 43

```
--- W7QHO@... wrote:
> Joe & List,
>
> Hmmm - haven't heard that T-3s were prone to that
> problem. No troubles with
> my old "Basic" and "C" model power supplies to date.
> Guess there's always a
> first time.
>
> For HV wire strip off the shield from some RG-11
> coax and use what's left.
> Good for at least 5KV.
>
> Next time you talk to Tim please say hello for me.
>
> 73,
> Dennis, W7QHO
>

_____________________________________________________
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```

# 44. "F" model

Yahoo group: T-368_BC-610
Date: 1999-09-02 03:32:24 UTC
From: Chuck Tappe
Topic: 44  Message: 44

Good evening all:

Recently acquired a T-3 with "E" Modulator and P/S, but the RF deck is an "F" model. Was this a normal configuration, or were there also "F" Modulator and P/S decks ?? Can anyone steer me to info on the "F" ??

Thanks mucho,

Chuck
K3UBD

# 45. Re: T-368 Audio suggestions.

Yahoo group: T-368_BC-610
Date: 1999-09-02 04:29:23 UTC
From: W7QHO@xxx.xxx
Topic: 41  Message: 45

Verne,

There are a number of things one can do to taylor T-368 audio to suit particular tastes. For a truly military, communications quality sound, of course, just use the original M-29 mic. For even more authenticity crank up the clipping level.

The M-29s sound pretty crappy to most people's ears, though, and a significantly more pleasing sound can be achieved by using almost anything else. I have found the Motorola TMN-6054A hand mics sound very good with the T-368. These microphones have a magnetic cartridge with some built-in transistor circuitry and work directly into the existing T-368 carbon mic input. You will find a basket of these units at most hamfests going for $2 - $3 each (typically) and you'll have to rig up a U77 connector on the end of the cord. Backing off the clipping level improves quality too, of course.

The D-104 sounds even better and the amplified version can be run directly into the 600 ohm audio input at the rear of the cabinet (multi-pin socket at the bottom). Some users have reported hum problems using this input but I have experienced no difficulties using shielded audio and keying lines up to 20 ft long. Shielding and careful grounding are important here. Modifications to the existing speech amp to allow use of high impedance microphones can also be found in Electric Radio #3, July 1989, and probably elsewhere.

Many users also bypass the clipper and associated high and low-pass filters found in the speech amplifier. This can be done without physically removing any existing components and is easily reversable.

Moving deeper into the circuitry, stock T368s do exhibit a significant audio roll-off starting about 1200 Hz, with response down about 4db at 3 kHz just before the high-pass filter in the speech amp kicks in. This is because the modulation transformer secondary is shunted by something like 7000 pf due to the design of the power amplifier. The PA uses a Pi-L tank circuit which is shunt fed in the "middle" of the
network rather than at the high impedance end as is done in most ham designs. This was apparently done to overcome the difficulties of designing a high impedance plate choke for the 4-400 that wasn't series resonant ANYWHERE in the 1.5 to 20 mHz operating range. Designing such a choke would be a difficult task and other wide range transmitters such as the T-195, SRT-14 and the GPT-750 bandswitch plate chokes along with the other usual tank circuit components. By feeding the B+ into the circuit at a lower impedance point a smaller choke can be used and the designers were able to find (or make) a simple, single unit that works over the entire frequency range. For military voice use, the dropoff in frequency response that came with this design was apparently not important (more on this below).

The situation described above can be improved a couple of db by reducing the size of the blocking capacitor between the Pi and L sections of the plate tank to 1000 pf, and reducing the decoupling capacity in the plate lead feeding the B+ end of the plate choke to a total of 1000 pf. (early transmitters have a single decoupling cap in the B+ lead and later units had an additional series RF choke bypassed at both ends). These modifications change the PA tuning and loading settings somewhat especially on 160 meters but do not cause any apparent degrdation in efficiency or output.

A number of users have gone "all the way" here by shunt feeding their PAs at the high impedance end of the tank circuit using commercial ham high power plate chokes from National and others. These modifications are reported to work just fine in the ham bands, but it is almost certain that trouble would be encountered somewhere within the 1.5 and 20 mHz design range of the T-368 with this modification.

How far one might want to go is an individual decision, of course. I respect my friend Meir's position on modifying military equipment. I am probably inclined to go a bit further than he but I try to stick to easily reversable modifications that don't change the original character and/or performance of the gear. Where the T-368 is concerned let me pass along the following experience. I have two of these units and a few years ago I modified one to the extent of bypassing the clipper and filters in the speech amp and reducing the shunt capacity on the mod transformer as described TWO paragraphs above. I left the other unit stock and only reduced the clipping to the minimum setting. I then rigged up relays to permit me to switch between transmitters using a single D-104 microphone and the same antenna. On-the-air tests revealed no significant difference in audio quality between the two rigs, and both were judged by listeners to be good to excellent at least with my voice characteristics and under the band conditions at the time.

Bottom line: Get a good mic, back off on the clipping, leave the beast as-is otherwise and you can't go too far wrong.

I hope you find these thoughts useful.

73,
Dennis DuVall, W7QHO

## 46. Re: "F" model

Yahoo group: T-368_BC-610
Date: 1999-09-02 04:43:32 UTC
From: W7QHO@xxx.xxx
Topic: 44  Message: 46

Chuck,

Can't speak to the "E" and "F" models specifically, but a lot of drawer swapping apparently took place at the military depots.

For what it's worth, I have one unit that is made up of a "Basic" RF deck, an "A" modulator and a "C" power supply. My other T-3 has Government labels on all drawers identifying it as a "C", but the power supply is definitely an "A" model.

Dennis DuVAll, W7QHO

# 47. Info in "f" model

Yahoo group: T-368_BC-610
Date: 1999-09-02 15:52:09 UTC
From: Chuck Tappe
Topic: 47  Message: 47

Good morning all:

I really need to start compiling TM's and "all other" information I can obtain for the T-3 (F) I just received from a good friend. Can someone point me in the right direction ? If someone has already put together a "library" for the E and F models, I would be more than happy to pay any time and expense involved in duplicating this or if information was sent to me, I could reproduce the material and make copies available to all who have an interest. I have the TM II-809-10, 809-35, and 809-20 already.

Thanks to all

Chuck
K3UBD/San Diego

# 48. Re: Info in "f" model

Yahoo group: T-368_BC-610
Date: 1999-09-02 23:43:56 UTC
From: Joe Foley
Topic: 47  Message: 48

Hi guys,

According to the NIST, National Institute of Science and Technology, that has a website where they sell copies of military manuals, the T-368 is there, there is NO manual for the "F" model. Evidently they used the "E" manual as the changes weren't enough to warrant updating the manual.

Joe

> Good morning all:
>
> I really need to start compiling TM's and "all
> other" information I can
> obtain for the T-3 (F) I just received from a good
> friend. Can someone point
> me in the right direction ? If someone has already
> put together a "library"
> for the E and F models, I would be more than happy
> to pay any time and
> expense involved in duplicating this or if
> information was sent to me, I
> could reproduce the material and make copies
> available to all who have an
> interest. I have the TM II-809-10, 809-35, and
> 809-20 already.
>
> Thanks to all
>
> Chuck
> K3UBD/San Diego
>

---------------------------------------------------
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# 49. Need driver xfrm

Yahoo group: T-368_BC-610
Date: 1999-09-03 04:22:16 UTC
From: Chuck Tappe
Topic: 49  Message: 49

Good evening:

Need the driver xfrm, T6, from the speech amp for the T-3.
Anybody got such a thing ???

Will buy the whole speech driver subassembly if need be.

Thanks much

Chuck
K3UBD/San Diego

# 50. Re: [MilSurplus] TT-47

Yahoo group: T-368_BC-610
Date: 1999-09-04 00:26:11 UTC
From: Joe Foley
Topic: 50  Message: 50

--- "ROBERT W. DOWNS" <RWDowns_WA5CAB@...> wrote:
> Groups,
>
> I have a TT-47 (28KSR floor model) that I don't
> need. It's currently
> occupying floor space that my 28VDC supply needs to
> occupy (they're about
> the same size although the TT-47 is lighter!). It
> is complete except for
> the little panel immediately above the keyboard, and
> that is probably
> around here somewhere. I'm the "original civilian
> owner", as I got it off
> of USS Valley Forge in 1968. As I'm currently
> unemployed, I'd like to get
> something for it, but it could be a swap deal. I
> also have two floor model
> 28KSR's and an AN/UGC-6 available, except that one
> of the typing units is
> spoken for. Although I'd rather not, I could
> arrange shipping.
>
> 73,
> Robert Downs
> WA5CAB
> Houston
>
> ---
> Submissions milsurplus@...
>

_____
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# 51. Re: [MilSurplus] BC-610 Crystals Available

Yahoo group: T-368_BC-610
Date: 1999-09-04 00:59:31 UTC
From: Joe Foley
Topic: 51  Message: 51

```
--- David Stinson <arc5@...> wrote:
>
>
> Ray A. Allen,
>
> w2kbr@...
>
> Has several BC-610 crystals available.
> Please contact him- not me.
> 73 D.S.
>
> There are about 70 crystals (weighing about 10/12
> pounds total). The
> rough count totals follow Those in the 2.1
> - 2.5 mhz range
> number
> about
> 28
> Those in the 3.1 - 3.3 mhz range number
> about 4
> Those in the 3.5 - 3.9 mhz range number
> about 15
> Those in the 3.9 mhz range
> number about 20
>
> ---
> Submissions milsurplus@...
>

_____________________________________________
Do You Yahoo!?
Bid and sell for free at http://auctions.yahoo.com
```

# 52. RE: "F" model

Yahoo group: T-368_BC-610
Date: 1999-09-05 13:18:23 UTC
From: Joe Foley
Topic: 44  Message: 52

--- Chuck Tappe <cwtappe@...> wrote:
> I did check NTIS as you suggested and will order
> everything they have.
> Unfortunately, they don't show anything for the "F"
> model.
++++++++++++++++++====
I seriously don't think there is an "F" manual, I've been trying to find out when the "F"s were made, I don't think they were made for many years and the changes were few so they never updated the manual.

What's the date on your "F"?

Have not heard
> from anyone else on the site.
++++++++++++++++++
Hmm,..... seems we have a lot of people wanting to buy them and looking for sellers.

Anybody have any leads?

Joe

_____
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Bid and sell for free at http://auctions.yahoo.com

# 53. NOISEY BLOWERS?

Yahoo group: T-368_BC-610
Date: 1999-09-05 20:34:01 UTC
From: Joe Foley
Topic: 53  Message: 53

HEY LIST,

I FIXED MY B-2 BLOWER so I don't have to yell as much!

First I put in new bearings, this actually quieted the blower some.

Next, I punched the hole in the back panel out to 4 1/2" with a
Greenlee knock punch (Electrician's tool). That lowered the pressure
at that point making more improvement.

Then I fashioned a turning vane (Ductwork type thing) to turn the
incoming air to hit the center of the blower wheel, this stopped the
"tinny" sound that could almost been mistaken for something vibrating
loose.

What was happening was the incoming air was loading the fan on one side
heavier than the other causing the blades to vibrate during rotation.

So, how loud is it now? Hmm,..... how to describe THAT?
Well,..... my window fan, on medium speed, is about that loud.
Its louder than the refrigerator, but not a lot. Not quite as loud as
one of those oil fired forced air furnaces.

Try it, you'll like it!

Joe KG2CI

_____
Do You Yahoo!?
Bid and sell for free at http://auctions.yahoo.com

# 54. ME165/G

Yahoo group: T-368_BC-610
Date: 1999-09-05 23:55:31 UTC
From: Joe Foley
Topic: 54  Message: 54

Hello list,

Those Dummy Load/Wattmeters that Fair Radio is selling are pricey but
they're brand new-in-the-box 1979 contract date!

Shiny, ...clean...

If anyone's interested.....

Joe

---------------------------------------------------
Do You Yahoo!?
Bid and sell for free at http://auctions.yahoo.com

# 55. Re: NOISEY BLOWERS?

Yahoo group: T-368_BC-610
Date: 1999-09-06 02:01:18 UTC
From: dharlan
Topic: 53  Message: 55

Hey Joe, Shudda got a 610,,, "we don't need no stinkin' blowers" Dan N8ETQ Cleveland,Oh. Hallicrafters BC-6-ton-E "The pretty one" aka "The Voice of Victory" Joe Foley wrote: > > From: Joe Foley > > HEY LIST, > > I FIXED MY B-2 BLOWER so I don't have to yell as much! > > First I put in new bearings, this actually quieted the blower some. > > Next, I punched the hole in the back panel out to 4 1/2" with a > Greenlee knock punch (Electrician's tool). That lowered the pressure > at that point making more improvement. > > Then I fashioned a turning vane (Ductwork type thing) to turn the > incoming air to hit the center of the blower wheel, this stopped the > "tinny" sound that could almost been mistaken for something vibrating > loose. > > What was happening was the incoming air was loading the fan on one side > heavier than the other causing the blades to vibrate during rotation. > > So, how loud is it now? Hmm,..... how to describe THAT? > Well,..... my window fan, on medium speed, is about that loud. > Its louder than the refrigerator, but not a lot. Not quite as loud as > one of those oil fired forced air furnaces. > > Try it, you'll like it! > > Joe KG2CI > > _____ > Do You Yahoo!? > Bid and sell for free at http://auctions.yahoo.com > > ---------- ONElist Sponsor ---------- > > ONElist now has T-SHIRTS! > For details and to order, go to: > Click Here (http://clickme.onelist.com/ad/tshirt1) > > ---

# 56. Re: NOISEY BLOWERS?

Yahoo group: T-368_BC-610
Date: 1999-09-06 22:35:31 UTC
From: Joe Foley
Topic: 53  Message: 56

> 
> A friend of mine disconnected the cabinet blower on
> his T-368 E and reported
> no problems.
++++++++++++++++++++++++
So far we have two listers who don't use B-2, at all!

Evidently the BC-610's didn't even have blowers, so what'd they do kill
it over?

I've never gone that far but I did
> take the back off one of
> mine and ran it that way for a couple of years.
++++++++++++
Hmm,... one thing I like about the T-3 is that its completely enclosed,
one would really have to try to get on something hot.

> Worked fine, nice and cool.
> Had to bypass the back panel interlock switch, of
> course.
+++++++++++++++++
Speaking of which,..... I had to rewire three of mine as they had
charred wire connected to them, two were only connected by a few
strands! One of the mil-techs who changed the one on the RF deck cut
off some strands because it wouldn't fit the blocks, I had to drill out
three blocks to accomodate the wire size. Also pulled out all of the
big gobs of soldering wire that they used to jump them.

The power supply deck was bent in at the interlock and had to be
straightened, ...but they all work now!

> 
> Don't screw with the fan on the PA chassis.
++++++++++++++++++
OOPs! Too late! I put new bearings in it!

Thanks,

Joe KG2CI

_____________________________________________
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# 57. No Modulation

Yahoo group: T-368_BC-610
Date: 1999-09-08 01:20:24 UTC
From: Joe Foley
Topic: 57  Message: 57

Oh Oh,

Still testing! I found I have no modulation, CW works fine, Modulator Bias works, shows reading on Excitation Meter at idle. But with mike hooked up and Service Selector on AM I get no modualtion on the Excitation Meter.

The transmitter is hooked up to a Dummy Load with no antenna.

Manual points toward the 4-125's but I'm not convinced its that expensive. Any ideas before I tear it apart?

Speech amp maybe?

Thanks,

Joe

_____
Do You Yahoo!?
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# 58. Re: NOISEY BLOWERS?

Yahoo group: T-368_BC-610
Date: 1999-09-08 06:18:32 UTC
From: Gene G. Beckwith
Topic: 53  Message: 58

Joe Foley wrote: > > From: Joe Foley > > > > > A friend of mine disconnected the cabinet blower on > > his T-368 E and reported > > no problems. > ++++++++++++++++++++++++ > So far we have two listers who don't use B-2, at all! > > Evidently the BC-610's didn't even have blowers, so what'd they do kill > it over? > > I've never gone that far but I did > > take the back off one of > > mine and ran it that way for a couple of years. > ++++++++++++ > Hmm,... one thing I like about the T-3 is that its completely enclosed, > one would really have to try to get on something hot. > > > Worked fine, nice and cool. > > Had to bypass the back panel interlock switch, of > > course. > +++++++++++++++++ > Speaking of which,..... I had to rewire three of mine as they had > charred wire connected to them, two were only connected by a few > strands! One of the mil-techs who changed the one on the RF deck cut > off some strands because it wouldn't fit the blocks, I had to drill out > three blocks to accomodate the wire size. Also pulled out all of the > big gobs of soldering wire that they used to jump them. > > The power supply deck was bent in at the interlock and had to be > straightened, ...but they all work now! > > > > > Don't screw with the fan on the PA chassis. > ++++++++++++++++++ > OOPs! Too late! I put new bearings in it! > > Thanks, > > Joe KG2CI > _____ > Do You Yahoo!? > Bid and sell for free at http://auctions.yahoo.com > > ---------- ONElist Sponsor ---------- > > ATTN ONELIST USERS: stay current on the latest activities, > programs, & features at ONElist by joining our member newsletter at > Click Here (http://clickme.onelist.com/ad/newsletter4) > > ---------- Hi T-368 Jocks, Intersting comments on the fans and heat...I think I read here about the blower directing air on the fil voltage control ... ? Wonder if that is the RF deck blower being discussed or the Big Noisy blower on the back deck...I notice on mine that the font panel does get quite warm near that big reostat...if the big blower is on some way directed at that reostat, it might be a simpel addition to direct a muffin fan on it, it the big fan is turned off... Haven't spend a lot of time with my T-3's yet, mostly working on the R-390x's recently so maybe I miss understood... 73, Gene

# 59. No Modulation

Yahoo group: T-368_BC-610
Date: 1999-09-09 01:50:40 UTC
From: Joe Foley
Topic: 57  Message: 59

Update!!

Boy, those are cheap pots!

Both the Mike Gain and the 600 Ohm Line Gain crappped out, looks like some weather damage, had to drive them out of the panel, rust/corrosion.

Two bad 6C4's, one weak, one shorted, on the speech amp deck.

Now I gotta find two 25 K ohm pots.

Onward.............

Joe

---
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## 60. How many?

Yahoo group: T-368_BC-610
Date: 1999-09-09 02:10:01 UTC
From: Joe Foley
Topic: 60  Message: 60

How many of you are looking for T-368's or BC-610's?

What price range would be acceptable?

What condition?

How far do you want to go to get it?

NO! You can't have mine!!!

Let's see what crawls out of the woodwork,

Joe

_____
Do You Yahoo!?
Bid and sell for free at http://auctions.yahoo.com

## 61. RE: How many?

Yahoo group: T-368_BC-610
Date: 1999-09-09 02:39:25 UTC
From: Craig McCartney
Topic: 60  Message: 61

Joe,

I have a BC-610, actually T-213/GRC, (with 614, cables and plug-ins) that I would happily trade for a T-368 and possibly some cash. Local pickup in Northern California is the only option for me at this time.

You asked!

Craig

-----Original Message-----
From: Joe Foley [mailto:redmenaced@...]
Sent: Wednesday, September 08, 1999 7:10 PM
To: T-368_bc-610@onelist.com
Subject: [T-368_BC-610] How many?

From: Joe Foley <redmenaced@...>

How many of you are looking for T-368's or BC-610's?

What price range would be acceptable?

What condition?

How far do you want to go to get it?

NO! You can't have mine!!!

Let's see what crawls out of the woodwork,

Joe

_____
Do You Yahoo!?
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## 62. Re: How many?

Yahoo group: T-368_BC-610
Date: 1999-09-09 04:20:38 UTC
From: tbigelow@xxx.xxxxx.xx.xxxxxxxxxxxxxxxxx
Topic: 60  Message: 62

Okay Joe, you got me out...

I'd like an older BC-610, or an HT-4 even, with as many of the
associated goodies as possible. modified but unhacked okay, or stone
stock(preferred).

I'd also like a T-368, late model, mint condition, with all accesories,
for as little money as possible.

Willing to travel, would prefer next door or across the street but...

Or, I'll consider real offers. ;)

Hey - I'm honest about it!

73, Todd/'Boomer' KA1KAQ

(aren't you glad you asked?) :)

Joe Foley wrote:
>
> From: Joe Foley <redmenaced@...>
>
> How many of you are looking for T-368's or BC-610's?
>
> What price range would be acceptable?
>
> What condition?
>
> How far do you want to go to get it?
>
> NO! You can't have mine!!!
>
> Let's see what crawls out of the woodwork,
>
> Joe
>
> _____
> Do You Yahoo!?
> Bid and sell for free at http://auctions.yahoo.com
>
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> ---

## 63. Best Manual Source!!!

Yahoo group: T-368_BC-610
Date: 1999-09-09 21:25:51 UTC
From: Joe Foley
Topic: 63  Message: 63

If you've wondered why no manuals go through the DRMS auctions its because they're thrown in the garbage when deemed not needed or obsolete.

Some people aren't that prompt when cleaning out so they may still have manuals for the older equipment, ...you know, the stuff we use.

Well we can't have THAT!! We need to stop this.

If everyone cultivated contacts at their local military installations we could catch these things before they hit the "can"!

Kind of a mini-dumpster diving challenge.

GET THOSE MANUALS!!

Joe F.

## 64. How Many?

Yahoo group: T-368_BC-610
Date: 1999-09-09 23:28:11 UTC
From: Joe Foley
Topic: 64  Message: 64

Now that's interesting!

Four "wants" and NO "For Sale"s.

Hmmm..... really not surprising, though.....

Joe

# 65. "F" model

Yahoo group: T-368_BC-610
Date: 1999-09-10 01:13:24 UTC
From: Chuck Tappe
Topic: 44  Message: 65

Does anyone have an "F" model T-3 ???? I just got mine and need to compare a few things.

Thanks to all

Chuck
K3UBD

# 66. Re: "F" model

Yahoo group: T-368_BC-610
Date: 1999-09-10 01:34:48 UTC
From: Joe Foley
Topic: 44  Message: 66

Hi Chuck,] I have an "E" model if that helps. Bruce KG2IC has a few "F" models, if you do a search for his call sign his site comes up, good site, lots of info. Joe --- Chuck Tappe wrote: > From: "Chuck Tappe" > > Does anyone have an "F" model T-3 ???? I just got > mine and need to compare a > few things. > > Thanks to all > > Chuck > K3UBD > > > ---------- ONElist Sponsor > ---------- > > ATTN ONELIST USERS: stay current on the latest > activities, > programs, & features at ONElist by joining our > member newsletter at > Click > > ---------- > _____ Do You Yahoo!? Bid and sell for free at http://auctions.yahoo.com

## 67. Re: How many?

Yahoo group: T-368_BC-610
Date: 1999-09-10 06:29:51 UTC
From: Alan
Topic: 60  Message: 67

> How many of you are looking for T-368's or BC-610's?

Ooh! Ooh! Ooh! -- Me! Me! Me! T-368!!!
One would be fine :) Was trained on them in Ft.G GA
back in the mid 70's. Hoping to put majors of a 26D
together in the next year or so... Picked up a nice
wheeled 72" commercial rack cabinet a few months ago
(for some computer work I did), need to have something
IN it besides spiderwebs. Yikes! what a HEAVY sucker!

> What price range would be acceptable?

If you find one in a scrap yard where the owner has NO
idea what he/she has, and just wants it GONE! You'll
let me know - right ??? ;)

> What condition?

Repairable ??? God willing I'll have the time...

> How far do you want to go to get it?

Here's the rub :( Don't know any truckers personally,
so imagine shipping would be a DSmajor gritch!

I'd be willing to travel across the US to get one, IF
I had the means. Sure wish I could afford that m35a
I saw on the web here a while back... <sigh>

> NO! You can't have mine!!!

Stingy!!!

> Let's see what crawls out of the woodwork,

Hey! I ain't no Roach!!! Termite neither! :>

73 - Bruce (kb6lwn) [CM88] viva la RKBA!

## 68. Re: How Many?

Yahoo group: T-368_BC-610
Date: 1999-09-10 06:30:11 UTC
From: Alan
Topic: 64  Message: 68

> Now that's interesting!
>
> Four "wants" and NO "For Sale"s.
>
> Hmmm..... really not surprising, though.....

Yeah!!! Somebody is hoarding!!! I say we find 'em and
'install' antenna sections till they agree to part with
the spares!

I still can't get over the guy that has *68* (+) R-390's!
And here I am - Oh to have but ONE (maybe two for diverse).
Oh yeah... And a couple for install in the 52 Panel.
(well KMG... That's only FOUR!!!)
Gonna have to find a smaller "T/RT-AM" for the veh set though.
Don't think 650# 368 in a 1/2 ton would be good idea :-/
Maybe a AN/VRC-2 ??? I seem to recall that designator,
and what was that unit that had the built in scope for
tuning the RATT signals ?!? Same vintage. Anyone know ?

73 Bruce (kb6lwn) [CM88] viva la RKBA!

# 69. T-368

Yahoo group: T-368_BC-610
Date: 1999-09-10 15:38:55 UTC
From: David Humbertson
Topic: 69  Message: 69

Hello Chuck and all,
My T-368 is a B&W built "E" model (1962) that was overhauled
in Germany in August of 1974. It has the vacuum antenna relay and
the solid state rectifiers. I don't know what other differences there
were between the E and F, but I don't think there were many.
All decks are from the same contract.
BTW - I removed both noisy squirrel cage blowers and replaced
them with rotron type fans. I made a new plate for the bottom of
the PA compartment to preserve the original. It is all reversible if
needed. I even have a solid state motor speed control just laying
in the PS. It is very quite, but runs as cool as it did before. I have
been using this cooling system for about 2 years.
--

--
73, Dave - W3NP
Ft. Ashby, WV

# 70. RE: T-368

Yahoo group: T-368_BC-610
Date: 1999-09-10 17:17:08 UTC
From: Chuck Tappe
Topic: 69  Message: 70

Good morning Dave:

Thanks for the info. The placard on the RF deck reads:
"T-368 F/URT, serial # 260, TRW, N. Camden N.J., Order # 14527(E)".

Checked all 3 decks looking for something with a date code. Any suggestions
??

The most interesting thing is that the RF deck's chassis is made out of
copper plated steel. I mean it is BRIGHT copper. Were all series of the deck
made this way ?? As you can see, I'm new to the T-3 and am trying to obtain
as much info as possible

Thanks again and 73's

Chuck
K3UBD

-----Original Message-----
From: David Humbertson [mailto:daveh@...]
Sent: Friday, September 10, 1999 8:39 AM
To: t-368_bc-610@onelist.com
Subject: [T-368_BC-610] T-368

From: David Humbertson <daveh@...>

Hello Chuck and all,
My T-368 is a B&W built "E" model (1962) that was overhauled
in Germany in August of 1974. It has the vacuum antenna relay and
the solid state rectifiers. I don't know what other differences there
were between the E and F, but I don't think there were many.
All decks are from the same contract.
BTW - I removed both noisy squirrel cage blowers and replaced
them with rotron type fans. I made a new plate for the bottom of
the PA compartment to preserve the original. It is all reversible if
needed. I even have a solid state motor speed control just laying
in the PS. It is very quite, but runs as cool as it did before. I have
been using this cooling system for about 2 years.
--

--
73, Dave - W3NP
Ft. Ashby, WV

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# 71. Re: T-368

Yahoo group: T-368_BC-610
Date: 1999-09-10 23:13:26 UTC
From: W7QHO@xxx.xxx
Topic: 69  Message: 71

Chuck,

My old Basic and C model T368s both have the copper plated RF chassis. No longer bright, though, HI.

I have documentation up through E. Variations are all in the details - nothing comprable to the differences between the earliest and latest BC-610s for example. Hope to put out a rundown on the changes between models, Basic through E in the near future.

I would suspect your F model has ceramic vacuum caps in the PA output circuit?

Dennis, W7QHO

## 72. Re: How Many?

Yahoo group: T-368_BC-610
Date: 1999-09-14 15:48:31 UTC
From: Joe Foley
Topic: 64  Message: 72

--- Alan <kb6lwn@...> wrote:
> From: Alan <kb6lwn@...>
>
>
> > Now that's interesting!
> >
> > Four "wants" and NO "For Sale"s.
> >
> > Hmmm..... really not surprising, though.........
>
> Yeah!!! Somebody is hoarding!!! I say we find 'em
> and
> 'install' antenna sections till they agree to part
> with
> the spares!
++++++++++++++++
OOH!! That could hurt!!!

>
> I still can't get over the guy that has *68* (+)
> R-390's!
+++++++++
I admire guys like that. Its a goal to aspire to. A fine example!
Don't disparage the guy, encourage him, THAT'S the American way!!

> And here I am - Oh to have but ONE (maybe two for
> diverse).
> Oh yeah... And a couple for install in the 52 Panel.
> (well KMG... That's only FOUR!!!)
++++++++++
Go for it!! Do it!

> Gonna have to find a smaller "T/RT-AM" for the veh
> set though.
> Don't think 650# 368 in a 1/2 ton would be good idea
> :-/
> Maybe a AN/VRC-2 ???
++++++++++++++++
No No,.......You're looking at it the wrong way! You don't need a
smaller radio set,..... You need a bigger vehicle!!!! That's what
they make shelter/campers for! Expansable!!

I seem to recall that
> designator,
> and what was that unit that had the built in scope
> for

> tuning the RATT signals ?!? Same vintage. Anyone
> know ?
++++++++++
Not me.

Joe

_____
Do You Yahoo!?
Bid and sell for free at http://auctions.yahoo.com

# 73. Re: [MilSurplus] FS: Manuals #7

Yahoo group: T-368_BC-610
Date: 1999-09-14 16:00:59 UTC
From: Joe Foley
Topic: 73  Message: 73

--- Telegrapher@... wrote:
> While i'm on a roll i'll keep listing them.
>
> Into Loran?
> Specifications and featuresfor the Apollo II Model
> 612B Loran-C
> receiver. Shows maps of stations and coverage with
> other stats about
> the service and coverage etc. Like new and $5.
>
> Instruction book for Model MN-31 Series Automatic
> Radio Compas Equipment
> for Aircraft by Bendix Radio. Dec 1941. "Yates"
> printed on front of
> bookSome writing in the manual. Good condx. $12
>
> Instruction manual for Radio Transmitting Equipment
> Type TG-6A, Bendix
> Radio Corp., copyright 1938. This manual is original
> and brand new
> condition. $18
>
> Instruction manual for Aural Null Direction Finder
> Type MN-2A, Bendix
> Radio Corp., copyright 1938. This manual is in
> brand new condition as
> well. &15
>
> Instruction book for Model TA-6A & TA-6B Aircraft
> transmitting
> equipment, Bendix Radio, copyright 1942. Another
> brand new manaul for
> $15
>
> Instruction book for Model TA-2G, Model TA-2H and
> Model TA-2J Aircraft
> Transmitting Equipments, Bendix Radio, copyright Oct
> 1940.Excellent
> condition. $18
>
> Instruction book for Model RA-10C and Model RA-10D
> Aircraft Radio
> Receiving Equipment, Bendix Radio. July 1941.
> Excellent condx. $15
>

> Instructions for Types MRT-6 and MRT-8 VHF
> communications equipment,
> Bendix Radio. No dates on manual but its pretty old
> judging from the
> telephone numbers listed, ie; Sunset 1-6159 in North
> Hollywood. SOmeone
> want to check that one out? $12
>
> Catalog "P" by General Radio Company, April 1959.
> Very good condx. $28
>
> TM 11-455, WAR Dept., Technical Manual of Radio
> Fundamentals, July
> 1941. Very nice condition. Has persons name on
> front page and "Cooly
> High School". Person named was living in Detroit.
> $12
>
> TM 11-437, Code Training Set AN/GSC-T1, 30 Nov.
> 1944. Some writing onn
> front page " 28-30GST1-5". Very good condition.
> $10
>
> Preliminary Instruction for Frequency Meter Set
> SCR-211-M, Mfg by Bendix
> Radio, Nov. 13, 1942. Like new condition. $10
>
> Instruction book for AIrcraft Radio Receiving
> Equipment Model RA-10CA,
> RA-10CB, RA-10DA and RA-10DB. Bendix Radio. Nov.
> 1941. All there
> although cosmetically its about a 6. $10
>
> Western Electric 121A Amplifier, Instruction
> Bulletin No. 959P.
> Excellent condition. $12
>
> NAVAIR 16-30ARN7-501, Handbook Bench Test and
> Alignment Procedure Radio
> Compasses SCR-269F and SCR-269G, AN/ARN-7 and
> AN/ARN-6. 15 April 1950.
> Picture of the F2H Banshee inside (think thats
> right) cover. Very good
> condx. $22
>
> TM 11-519, Radio Receiving Set An/ARN-54, Feb. 1957.
> Its been wet but
> no damage other than water marks. $12
>
> TM 11-4057, Radio Transmitter BC-610-A, -B, -C, -D

> and E. War Dept Dec.
> 1945. Getting a little brown around the edges of
> the pages but its
> complete and very good condx. $28
>
> TM 11-281/ T.O. 16-40SCR399-5, Radio Sets SCR-399-A
> and SCR-499-A, March
> 1945. Excellent condition and $30
>
> Army Air Forces Technical Order No. 08-10-139,
> Instruction book for
> Operation and Maintenance of Radio Transmitter
> BC-375-E and associated
> equipment. Jan. 5, 1943. This is an excellent
> copy, not an original.
> $22
>
> Instruction Book for Radio Receivers BC-312-J and
> BC-342-J, Mfg by RCA
> Mfg Co. Inc., Order No. 1885-phila-42. This is also
> a very good copy,
> not an original. $14
>
> Preliminary Handbook of Instruction for Radio
> Compass SCR-273-A,
> Beni\dix Radio Corp., Sept. 9, 1941. Looks like an
> original and is only
> $14
>
> AN 16-30CRT3-2, Handbook of Maintenance Instructions
> for Radio Set
> AN/CRT-3, 11 April 1945. Little dirty on front and
> back pages but
> complete and original. Very good condx, $18
>
> A folder with some instructions and reproduced
> schematif for the
> SCR-242-C Radio compass. $3
>
> TO AN 08-30ARN7-2, Handbook of Operating
> Instructions for Radio Compass
> *AN/ARN-7, 27 March 1944. Like new condition $14
>
> Don't forget that shipping/mailing charges for this
> stuff is above the
> base price of the manual.
>
> Please send along a confirmation listing of the item
> you are buying both
> when returning the email and when you send your

> check or whatever.
>
> Larry
> Gilbert, AZ.
> 85233
>
> ---
> Submissions milsurplus@...
>

---
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# 74. Re: T-368

Yahoo group: T-368_BC-610
Date: 1999-09-15 00:38:51 UTC
From: Joe Foley
Topic: 69  Message: 74

--- W7QHO@... wrote:
> From: W7QHO@...
>
> Chuck,
>
> My old Basic and C model T368s both have the copper
> plated RF chassis. No
> longer bright, though, HI.
++++++++++++++++++++++++++++
Yup, mine, too. Does your Basic have a 220 VAC power supply?

>
> I have documentation up through E. Variations are
> all in the details -
> nothing comprable to the differences between the
> earliest and latest BC-610s
> for example. Hope to put out a rundown on the
> changes between models, Basic
> through E in the near future.
+++++++++++++++++
Good, then we'll know.

KA3OTT's webpage has many of the details, too.

Joe

I just bought out two TV repair shops stock of vacuum tubes, hehehe!

_____
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# 76. Re: T-368

Yahoo group: T-368_BC-610
Date: 1999-09-15 03:38:24 UTC
From: W7QHO@xxx.xxx
Topic: 69  Message: 76

Joe,

In a message dated 99-09-14 20:38:26 EDT, you write:

<< Does your Basic have a 220 VAC power supply? >>

As mentioned in previous E-mail I don't have a "pure" basic model, only a hybrid that has a basic RF deck and a C model PS. However, both the Basic and A model power supplies had a high voltage plate xformer with a dual primary which could have been wired for 240 VAC operation. No provision was included in either the chassis or cabinet wiring to do this though. Also, the secondary voltage on these two early supplies was a bit lower than on later units, 5670 Vs. 6160 vct.

I've never had a problem working off 120 vac but have found that the T368 will occasionally kick breakers when keyed. Haven't doped this out completely, but it seems to be a function of the point on the AC cycle upon which the relay contacts in the plate supply primary close. In my previous QTH I was feeding the rig through a 30 amp breaker with a very short run to a 300 amp service, a very "stiff" source. On PTT I would occassionally kick BOTH breakers on the power supply. This happened from time to time with both my units. I am currently feeding my older unit through a 20 amp breaker at the end of a much longer feeder and I now trip THIS breaker from time to time but never the ones on the PS. Friends with T3s have given me similar reports. Does yours ever do this?

Long answer to a short question, but I hope you find the info. useful.

Dennis, W7QHO

# 77. RE: T-368 Audio suggestions.

Yahoo group: T-368_BC-610
Date: 1999-09-15 04:29:26 UTC
From: WF2U
Topic: 41  Message: 77

Hi Gene and gang,

I'm using the C-1123/GRC control box (documented in the GRC-26D manual). I bought it from Fair Radio about 6 years ago or so. I have the feeling they still may have them, although they haven't put them in the catalog for a few years. My original message should have said: "My T-368 is hooked up in the GRC-26D configuration, with the remote control box where the microphone is connected." instead of "....GRC-26A...." . This box enables you to switch between receiver A and B (originally R-390's, in my case it's 2 390A's) in receive, it has the UG-77 microphone connector, 600 ohm output from receiver A, B, or both, and RTTY input/output and telephone line remote PTT/key and audio. The cables out of it go to the T-3 remote jack in the back, and to the standby/receive relay control and the 600 ohm line output on the R-390A's. I'm not using the RTTY options.

I hope this bit of info helped you.

Best regards,

73, Meir WF2U

-----Original Message-----
From: Gene G. Beckwith [mailto:jtone@...]
Sent: Wednesday, September 15, 1999 2:44 AM
To: mbendror@...
Cc: Verne Anderson; T-368_BC-610@onelist.com
Subject: Re: [T-368_BC-610] T-368 Audio suggestions.

From: "Gene G. Beckwith" <jtone@...>

mbendror@... wrote:
>
> From: mbendror@...
>
> I left my T-368E completely intact, because a.) I will never modify old
> military equipment. They are not currently in production, their numbers
are
> dwindling and they are irreplaceable after they're gone (just like I won't
> modify any antique artifact) - The gear was designed for a certain purpose
and I
> want to preserve the technological and technical features. b.) the audio
is
> designed for the voice spectrum of 300-3000Hz which is where the most
> information is in human speech, therefore the most efficient for
communications
> (not to say the least about the excessive bandwidth generated by "hi-fi"
audio

> which is inconsiderate towards others sharing the amateur bands and is
also
> illegal).
>
> My T-368 is hooked up in the GRC-26A configuration, with the remote
control box
> where the microphone is connected. I'm using either the original, as
specified
> M-29 carbon mike or sometimes an old Electrovoice handheld, 500 Ohm
dynamic mike
> which interfaces nicely with the 600 Ohm line input to the transmitter.
>
> This is my $0.02 worth. Others of course may have different and diverse
> opinions....
>
> 73, Meir WF2U
>
> Quoting Verne Anderson <verne.anderson@...>:
>
> > From: "Verne Anderson" <verne.anderson@...>
> >
> > Hi all,
> >
> > I am interested in what other T-368 owners have done with their audio
> > circuit to improve or modify it for a more useable circuit? What
> > microphones are being used? I am bringing back to life a unit and would
> > like suggestions on modifying the audio circuit to be compatible with a
> > D-104 or Shure 444. Maybe everyone is either using it with a original
mic
> > or gone to expensive broadcast input equipment for audio?
> >
> > Verne
> > W6LPM
> >
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Meir,

A question, you mentioned that you are using a "control box" for ur
T-3...I've been wondering about that, and wonder what is the control box

nomenclature and is is specifically designed for the T-3. I have read references to "the control box" but can't find info on it?

Can u describe and where can I find such a critter?

73,

Gene
W8KXR

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---

# 78. T368 PS (More)

Yahoo group: T-368_BC-610
Date: 1999-09-15 21:41:59 UTC
From: W7QHO@xxx.xxx
Topic: 78  Message: 78

Joe,

A bit more on the Basic and A model dual primary plate transformers. The Basic transformer primaries are tapped down for 117vac which is the connection which appears to have been used in production. The "top" end of the primary windings are not labled as to voltage on my drawings. Some schmeatics show this configuration in the A model power supply too, but others show a dual 115 vac primary without taps and a 6350vct secondary for the A.

All subsequent models, as far as I can determine, used a transformer with a single 115 vac primary and a 6160vct secondary.

Dennis, W7QHO

# 79. Still no modulation

Yahoo group: T-368_BC-610
Date: 1999-09-15 22:48:28 UTC
From: Joe Foley
Topic: 79  Message: 79

Well,

....I worked on the two pots on the mod deck and got one cleaned up so it would work, the other is beyond hope.

The mike works, checked all of the tubes except the12AT7, no information on that one, can't find any wiring problems.

I show a reading on the Excitation meter when in the MOD PLATE X 20 setting, and I can vary that setting with the MODULATION BIAS pot.

How to test the 12AT7? I remember someone mentioning a cross reference of some kind but that was on the R-390 list, I think.

Anyone have any ideas?

Thanks,

Joe

_____
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## 80. Re: Still no modulation

Yahoo group: T-368_BC-610
Date: 1999-09-17 13:53:40 UTC
From: Joe Foley
Topic: 79  Message: 80

--- W7QHO@... wrote:
> Joe,
>
> OK - Well, you might check out the carbon mic bias
> circuit. With everything
> turned off, the resistance to ground looking into
> pin C on the carbon mic
> connector should be close to 300 ohms.
++++++++++++++
Yup, got that!

Next, turn
> on the Filament Power
> breaker and after a few seconds warmup you should
> read +12 to +13 volts DC on
> pin C. (Both measurements above with the mic
> disconnected.)
++++++++++++++=
Yup, got that, too!

Gonna pull the amp deck and check that again for bad resistors, one of the 6C4's was shorted so it may be there, bad resistor.

Much Thanks,

Joe

_____
Do You Yahoo!?
Bid and sell for free at http://auctions.yahoo.com

## 81. No Modulation

Yahoo group: T-368_BC-610
Date: 1999-09-18 02:17:24 UTC
From: Joe Foley
Topic: 57  Message: 81

Onward,

The resistance readings on the T-6 transformer are:

1 to 2 = infinite

1 to gnd = 70 K ohms

3 to gnd = 0 ohms

4 to gnd = infinite

5 to gnd = infinite

6 to gnd = infinite

4 to 5 = infinite

5 to 6 = 2.5 megohms

Doesn't look good, does it?

Can anyone varify these for me on a good transformer still in the
circuit? That is with the amp deck out of the mod deck.

Thanks,

Joe

_____
Do You Yahoo!?
Bid and sell for free at http://auctions.yahoo.com

## 82. Re: No Modulation

Yahoo group: T-368_BC-610
Date: 1999-09-18 22:00:11 UTC
From: redmenaced@xxxxx.xxxx
Topic: 57  Message: 82

--- W7QHO@... wrote:
> Joe,
>
> Oh-oh. Looks like both the primary and secondary of
> your driver tansformer
> are open. My book sez you should be reading 450
> ohms across the primary
> (pins 1 & 2) and 2200 ohms across the secondary
> (pins 4 & 6, 5 is the CT).
++++++++++++++++++
What book are you looking in, I couldn't find that. I kind of
suspected that it was the xmfr, but I was hoping it was something
simpler and easier so I checked everything else first.

> Pin 3 is a shield and should show a direct
> connection to ground as you found.
> Pin 1 goes to B+ and 70 K to gnd.looks about right.
++++++++++++++=
Reading back through a xmfr.

>
> Haven't heard of problems with these transformers
> before.
++++++++++++++++
Classic case of over modulation?

Don't know where
> you would find a direct replacement but shouldn't be
> too hard to come up with
> a substitute. The design impedance ratio is 15K
> pri. to center tapped 80K
> sec. A step-up ratio of 1:2 or 1:2.5 (pri. to sec.)
> should work OK. A 1:3
> would probably work too. The transformer doesn't
> have to handle any power,
> only a voltage step-up so doesn't have to be very
> big physically.
++++++++++++++++++=
Frequency response would be the thing to match or improve. This one
only goes from 300 to 5 K cps., could be better without making the BW
too wide.

Anyone have any suggestions?

>
> Fair Radio may have some parts.

++++++++++++++++++++++++
Yup, I'lll call them Monday.

Thanks,

Joe

---
Do You Yahoo!?
Bid and sell for free at http://auctions.yahoo.com

# 83. T-368 FOR SALE!!!!!

Yahoo group: T-368_BC-610
Date: 1999-09-18 23:11:52 UTC
From: Joe Foley
Topic: 83  Message: 83

Bruce Howes still has one of his T-3's for sale.

www.buffnet.net/~bhowes/3sale.htm

Go for it!! Its near Buffalo, NY.

Joe

---
Do You Yahoo!?
Bid and sell for free at http://auctions.yahoo.com

# 84. Need connectors for T-3

Yahoo group: T-368_BC-610
Date: 1999-09-19 14:48:10 UTC
From: Chuck Tappe
Topic: 84  Message: 84

Hello all:

Am in GREAT need of the multi-pin male chassis mount connector as found on the speech driver sub-chassis of the T-3 If someone has an old "junker" assembly with a good connector, this would be fine also.

Many thanks,

Chuck
K3UBD/San Diego

# 86. Re: Need connectors for T-3

Yahoo group: T-368_BC-610
Date: 1999-09-19 15:47:23 UTC
From: Joe Foley
Topic: 84  Message: 86

--- Chuck Tappe <cwtappe@...> wrote:
> From: "Chuck Tappe" <cwtappe@...>
>
> Hello all:
>
> Am in GREAT need of the multi-pin male chassis mount
> connector as found on
> the speech driver sub-chassis of the T-3 If someone
> has an old "junker"
> assembly with a good connector, this would be fine
> also.
++++++++++++===
Chuck, you should specify male/female etc. as I see in one of the
pictures in the book there is one model that has a female on the deck
with a male on the cable. Mine's t'other way 'round.

>
> Many thanks,
>
> Chuck
> K3UBD/San Diego
++++++++++++++++++++
Yes, and I'm in need of T-6 from the same deck. It seems a shorted 6C4
took out the primary and part of the secondary.

Thanks, too,

Joe KG2CI

# 87. Re: T-368 FOR SALE!!!!!

Yahoo group: T-368_BC-610
Date: 1999-09-19 19:26:07 UTC
From: Joe Foley
Topic: 83  Message: 87

--- Alan <kb6lwn@...> wrote:
> Hi Joe. You probably knew I'd take a look :)
> Sure wish Bruce hadn't shot at that 90 degree angle,
> made my neck sore to look at them :(
++++++++++++++++
.................Huh?..........

>
> Think there is a typo in the URL.
> Shouldn't it be
> http://www.buffnet.net~bhowes/t3sale.htm ?
++++++++++++++++
Ha, nope, you're wrong, just needed a "T" in front of the "3".

>
> And I'd love to as you say "Go for it!" but I saw no
> asking price - so therefore it's probably out of my
> range :(
> And shipping from Buffalo to here ? (Calif)
> YIKES!!!!!
++++++++++++++++++++++
I think it was in the 1 kilobuck range but the shipping would approach
that. Still I have someone in Iowa that saw one dumped in the mud a
few years ago, he thinks its still there. Don't worry, it'll be OK,
they'll take that kind of abuse.

>
> Bruce
>
> On Sat, 18 Sep 1999, Joe Foley wrote:
>
> > From: Joe Foley <redmenaced@...>
> >
> > Bruce Howes still has one of his T-3's for sale.
> >
> > www.buffnet.net/~bhowes/3sale.htm
> >
> > Go for it!! Its near Buffalo, NY.
++++++++++++++++
The real address is:

www.buffnet.net/~bhowes/t3sale.htm

Sorry 'bout that.

I've also been informed that there IS someone on this list already trying to buy it but Bruce seems to be real busy, probably trying to make a living but I don't understand what that has to do with anything.

## 88. Re: T6 Failure

Yahoo group: T-368_BC-610
Date: 1999-09-21 22:38:07 UTC
From: Joe Foley
Topic: 88  Message: 88

--- W7QHO@... wrote:
> Joe,
>
> Losing both sides of an audio transformer like that
> is unusual.
++++++++++++++++
You're right, I have the xmfr out of the can and will
do a post mortem to determine the failure.

Moisture
> could do it but the transformers in the T368 are
> well sealed.
+++++++++++++++
Really doubt that, it is in a can with a soldered
bottom and filled with sealing wax! What a pain to
open.

A solid plate
> to ground short in the 6C4 driver circuit might take
> out the primary of T6
> but not the secondary too.
++++++++++++++++++++
Not unless the fire, or whatever happened inside took
out a lot of real estate.

The only source of
> enough energy to take out both
> sides would seem to be over in the 4-125 modulator
> circuit. A screen to grid
> short/flashover (600 volts) could do it and a plate
> to grid fault would
> definitely be a big enough hit. Accordingly, it
> would be a good idea to
> check out the modulator tubes and associated
> circuitry before you power up
> with a new transformer.
++++++++++++++++++++==
Yes, I did continuity tests on the mod tubes, all
good, will do the wiring next. Just how does one
"test" a 4-125?

>
> Given the state of T6, the grid of one of your
> 4-125 modulator tubes was
> floating and the other was receiving bias through a
> 2.5 meg impedance .

> Under these condx. I would expect you had only
> limited (if any) control of
> the resting mod. current via the front panel
> adjustment knob.
++++++++++++++++=
"Limited control"? Well I could vary it but its at
3/4 rotation to get 50 ma to show on the meter when
idling. I don't know what "normal" would be.

>
> Any luck finding a new transformer yet?
++++++++++++++++++++
Phil at Fair is looking. So far this is the only
"big" problem with this xmtr, but the modulation
circuit had bad components all over.

>
> Also, where are you located? If on the east coast,
> I have friends there who
> might be able to help with parts.
++++++++++++++++++++
I'm KG2CI in New York.

Thanks,

Joe

# 89. UH-OH, Ebay creeps into this list, too!!

Yahoo group: T-368_BC-610
Date: 1999-09-22 00:39:42 UTC
From: Joe Foley
Topic: 89  Message: 89

Hi guys,

The mystery surrounding the T-3 for sale by KG2IC in
Buffalo is now solved!!

ITS ON EBAY!!!!

http://cgi.ebay.com/aw-cgi/ebayISAPI.dll?ViewItem&Item=165539516

High bidder is K7SX.

This is a local unit for some of you. Its at $585
right now, which isn't a bad price.

Bruce's stuff is in good shape, too.

If you can stand auctions,

Joe

## 90. leaky power transformer

Yahoo group: T-368_BC-610
Date: 1999-09-22 22:55:44 UTC
From: Mark Foltarz
Topic: 90  Message: 90

Gentlemen,

I am looking for a replacement power transformer
for my T-3. The plate suply xfmr has decided to leak
oil. Repair does not look really easy. So if a
replacement is available I would like to know where
and how much.

TNX

DE KA4JVY

Mark

# 91. Re: leaky power transformer

Yahoo group: T-368_BC-610
Date: 1999-09-22 23:29:38 UTC
From: Joe Foley
Topic: 90  Message: 91

--- Mark Foltarz <foltarz@...> wrote:
> From: Mark Foltarz <foltarz@...>
>
>
> Gentlemen,
>
> I am looking for a replacement power transformer
> for my T-3. The plate supply xfmr has decided to
> leak
> oil. Repair does not look really easy. So if a
> replacement is available I would like to know where
> and how much.
++++++++++++++++++++++++++
Replacement shouldn't be that tough, you'll need a 100 watt iron. Check the condition of the HV wires, they'll probably need changing, too, they're 30 to 40 years old, mine looked wheather checked, like old tires. That'll cut down the amount of unsoldering.

Call Phil at Fair Radio, I think they show that xmfr on their website in the "Featured Items" section under HV transformers.

Joe

## 92. wanted- cables

Yahoo group: T-368_BC-610
Date: 1999-09-23 00:51:10 UTC
From: n1roz@xxxxxxxxx.xxx
Topic: 92  Message: 92

Wondering if anyone in the group would know where I can
get the cable that goes between the xmitter and the
audio amp, as well as the power cable for the Beasty-610 , This is a
recent arival and can't wait to get on the air. Also looking for a
75 mtr coil and the 500ma plate meter to bring the beast to life....

Thanks and 73 ROZRADIO Hardcore AM Phone

## 93. Interlocks

Yahoo group: T-368_BC-610
Date: 1999-09-24 01:05:38 UTC
From: Joe Foley
Topic: 93  Message: 93

I got an Email from someone who is having trouble with the interlocks on a T-368.

Try checking their alignment first, I had to remove one shim to get one to line up right.

So far I've had to fix all but one of the interlocks on the T-3 I'm trying to get going. All of them had been jumpered by big gobs of soldering wire stuffed into the interlock.

The power supply drawer was bent inward 1/2" at the interlock and had to be hammered out, its straight now with no marks from the torture session. Two of the others had wires that heated to the point that the insulation was charred, the one on the RF deck is hard to see, I had to take it apart to see the charred point, the wire was only holding by three strands and wouldn't fit into the hole in the contact block (looked like the mil-tech that worked on it last cut some strands off to make it fit) so I drilled it out. The one on the Mod deck was the same way, needed to be drilled.

After putting everything together I put some of oxidation preventer that electricians use on aluminum connections into the interlock. So far the interlocks are the least of my problems. Actually they haven't been a problem yet.

Joe

## 94. Re: Interlocks

Yahoo group: T-368_BC-610
Date: 1999-09-28 05:54:28 UTC
From: Gene G. Beckwith
Topic: 93  Message: 94

Joe Foley wrote:
> 
> From: Joe Foley <redmenaced@...>
> 
> I got an Email from someone who is having trouble with
> the interlocks on a T-368.
> 
> Try checking their alignment first, I had to remove
> one shim to get one to line up right.
> 
> So far I've had to fix all but one of the interlocks
> on the T-3 I'm trying to get going. All of them had
> been jumpered by big gobs of soldering wire stuffed
> into the interlock.
> 
> The power supply drawer was bent inward 1/2" at the
> interlock and had to be hammered out, its straight now
> with no marks from the torture session. Two of the
> others had wires that heated to the point that the
> insulation was charred, the one on the RF deck is hard
> to see, I had to take it apart to see the charred
> point, the wire was only holding by three strands and
> wouldn't fit into the hole in the contact block
> (looked like the mil-tech that worked on it last cut
> some strands off to make it fit) so I drilled it out.
> The one on the Mod deck was the same way, needed to be
> drilled.
> 
> After putting everything together I put some of
> oxidation preventer that electricians use on aluminum
> connections into the interlock. So far the interlocks
> are the least of my problems. Actually they haven't
> been a problem yet.
> 
> Joe
> 
> 

Hi Joe and the Gang,

Just lurking tonight and reading the T-368 mail...Have been so busy
recently not much time for the T-3's or the R-390x's...

73 to all and keep the soldering irons hot!

Gene

# 95. FS BC-610

Yahoo group: T-368_BC-610
Date: 1999-09-29 14:42:34 UTC
From: n1roz@xxxxxxxxx.xxx
Topic: 95  Message: 95

Welp, it happened, the s-line came down the pike and I found a new rotor at a good price, now I don't have any money....so I need to sell a medium power xmitter
here is a good example...it's a BC-610H with the BC614-H. the cab in in good shape with a couple of scratches, I have the shockmount (removed) the inside is really
clean with no rust. I have the tuning units for 3.2-4 and 12-18 Mhz but lack the coil for the above freqs. all tubes are there but missing the cables so I haven't
fired it up...I'm offering it for $500.00 which is what I have into it..just don't want to cart it to Rochester if I don't have to..I also have a copy of the tech man
anyone interested??? 73
ROZRADIO

# 96. more info on 610 for sale

Yahoo group: T-368_BC-610
Date: 1999-09-30 04:50:28 UTC
From: n1roz@xxxxxxxxx.xxx
Topic: 96  Message: 96

Had some request for more info on the BC-610
for sale... I live in NE CT in a town called
Danielson. The Rig is HEAVY! and BIG. Don't buy
if you like your nieghbors, have a bad back, or
just upgraded with "GORDOS" help."ie no kids no lids".. Would make an
excellent 2hour long becon station when those pesky broadcast start
back up from Maine.It is rumored that W5PYT had the serial # right before this
one! anyways it's late....I have included some crummy pics
just follow the links below..The first one is a size comparison
using a 32S3 andbass-reflex as reference,the 2nd is the rear and the last is
the front....hope this helps....73 N1ROZ Hardcore AM phone

http://www.angelfire.com/ct/radios/images/610size1.JPG
http://www.angelfire.com/ct/radios/images/610rear.JPG
http://www.angelfire.com/ct/radios/images/610front.JPG

# 97. Tube testers

Yahoo group: T-368_BC-610
Date: 1999-10-01 22:29:03 UTC
From: Joe Foley
Topic: 97  Message: 97

Hi,

Speaking of tube testers, Fair Radio has a bunch on
their website. I broke down and bought a TV-10 for
$150, they have ONE TV-7 that isn't listed on the
website but they want $260 for that one.

That's not so bad, though, two other sites wanted $550
for a TV-10!! Only problem was that they didn't have
any in stock.

Joe

=====

# 98. Tube Hunting

Yahoo group: T-368_BC-610
Date: 1999-10-01 22:46:07 UTC
From: Joe Foley
Topic: 98  Message: 98

The results of my recent tube hunting expedition were pretty good!!

I tracked down as many old TV repair shops as I could in my rural county, bought out two for $60!!

One had a "Sam's Photo Fax" drawer full of new ones for $10. The other had three kitchen cabinet drawers full of new ones and five paper grocery bags full of used ones, some of them had been through a fire and had water damage to the boxes, but many are new. He said he'd want $50 for the lot with caddy boxes, he didn't think I'd go for that. So far I've gotten two good 6C4's a 12AT7, and six 6AG7's out of that pile, that's over $50 right there!

I haven't checked all of the furniture stores that carry TV's yet, but I'm getting there.

Most of the owners are glad to get rid of those old things. "Ten bucks, get 'em out of here!" "Well I'd want $50 for them...." "OK!"

But the ones that have Ham licenses or Internet connections want top dollar for them, go figure, $10 for one 6C4! Another one checked the Radio Shack prices before selling me a tube! Boy! They're high!

Joe

=====

# 99. Yeah! I just got me a URM-25/D!!

Yahoo group: T-368_BC-610
Date: 1999-10-02 23:52:22 UTC
From: Joe Foley
Topic: 99  Message: 99

Its a cool one, too, says RCAF on it! Serial number 4! It even works. Anyone have dial lights for it?

Now I can finish doing the alignment on my R-390 A.

Also found seven 6AG7's in the tube stash, that ought to keep it going for a while,.....hmm,.....no 6X4's though ,..... any trades?

I wasn't aware of its capabilities until I read the manual, I thought it was just a signal generator, but it does VTVM, audio generator at 400 and 1K Hz, and it'll crystal calibrate itself. That turret switch puts it in the same class with the R-390 A, but that's no surprise.

Oh boy,

Joe

=====

# 100. BC-610 Parts!!!

Yahoo group: T-368_BC-610
Date: 1999-10-05 23:49:53 UTC
From: Joe Foley
Topic: 100  Message: 100

Here you go guys!!

Get 'em while they're hot!!

--- Glen Galati <eldim@...> wrote:
> Hello Joe,

Have never seen any T-368 parts up this
> way. I do have some NOS
> or possible refurbished Tuning units and coil units
> for the BC-610. I have
> worked on both of these sets in the AF. The T-368
> was the last; we
> overhauled 3 of 6 in Germany for use in the Gateway
> RTTY Net at Rhien Main
> AB in the very early 70's.
>
> Sorry, we are unable to publish a catalog due to
> cost, due to the small
> quantity and the quality of items currently
> available in the Mil surplus
> stream. We do have a Web Site at www.el-dim.com
> and are going to expand
> it as soon as we get Front Page 2000 up and running
> and also add the Access
> 2000 upgrade.
> Most of our parts are Mil-Spec and a small segment
> is inventoried and added
> to our ILS
> (inventory Locator Service) data base in Memphis,
> TN.
>
> For your convience we take major credit cards. Add
> 3.5% to total. We accept
> personal checks as well as money orders.
>
> Best Regards,
> Glen Galati
> Electronic Dimensions
> eldim@...

=====

# 101. Re: [BoatAnchors] T-368

Yahoo group: T-368_BC-610
Date: 1999-10-06 23:36:44 UTC
From: Joe Foley
Topic: 101  Message: 101

Hey guys,

Dave is looking for a T-368, anyone want to give him
the bad news?

Joe

--- "David A. McPhie" <k7sx@...> wrote:
> Gentelmen, I am looking for a T-368 plain or
> lettered. I will pick it up at
> your place if we ake a deal. Im willing to pay.
> Dave McPhie K7SX
>
>
> ---
> Submissions boatanchors@...
>

=====

# 102. Re: [MilSurplus] Making Friends with the UPS driver

Yahoo group: T-368_BC-610
Date: 1999-10-07 17:48:00 UTC
From: BrRonK777@xxx.xxx
Topic: 102  Message: 102

Well, Brian,

I think you are missing something here.

In the first place, I treat everyone I come into contact with, or do business with, with the utmost courtesy and respect. I am friendly and outgoing. I like people and usually, if they have the time, take time to chat with them and listen to what they want to say.

The driver in this situation made a stupid mistake. He put my parcel in a special shed for garbage only, on top of the garbage, and didn't bother to leave a note. He broke several UPS rules regarding the delivery of packages. Treating drivers nice does not preclude them from doing dumb things.

I don't think for a moment that he did this to hurt me. I never gave him a reason to. He just used poor judgement.

I have received dozens of msgs detailing UPS horror stories. The consensus seems to be: Insist on signature shipments, use COD, or, pay $130.00 a year to get your stuff delivered to "Mailboxes" or equal.

If I thought it would help, I'd take my UPS guy out to dinner at least once a week. However, as someone once said, "Stupid is as stupid does" and all the steak in the world won't fix it.

73, Ron K -- W1ARS

# 103. FW: [MilSurplus] re: BC-610-I pwr supply worth????

Yahoo group: T-368_BC-610
Date: 1999-10-12 01:20:42 UTC
From: WF2U
Topic: 103  Message: 103

Hello group,

This just caught my attention on another list. Someone has to save that BC-610 supply!

73 de Meir, WF2U

-----Original Message-----
From: owner-milsurplus@... [mailto:owner-milsurplus@...] On Behalf Of Eric - KB8RJS en82oo
Sent: Monday, October 11, 1999 8:05 PM
To: milsurplus@...
Subject: [MilSurplus] re: BC-610-I pwr supply worth????

Greetings, de Eric KB8RJS no of Detroit.
I have recently acquired a BC-610-I transmitter high voltage (PA) power supply. Unit appears to be complete and in very good cond. I also have an original manual. I got it with a HB 4-1000 amp I just bought that was in need of a face lift. Due to it's size I wanted to get rid of the choke & Vac Rectifiers w/fil trans and mount the HV trans, oil caps, and new ss rect. & vari-ac on a much smaller chassis to fit in my 19" rack. Before I cannibalize this huge/heavy peice of mil-surplus, I was wondering if there was a market/value on this first? Have a BC-939-B ant tuner also avalible in fair cond. Any advice would be appreciated.
TNX in Advance: Eric KB8RJS

---
Submissions milsurplus@...

# 104. Re: [MilSurplus] re: BC-610-I pwr supply worth????

Yahoo group: T-368_BC-610
Date: 1999-10-12 01:24:03 UTC
From: Joe Foley
Topic: 104  Message: 104

This is from Eric, reply to him!!

--- Eric - KB8RJS en82oo <kb8rjs@...> wrote:
> Greetings, de Eric KB8RJS no of Detroit.
> I have recently acquired a BC-610-I transmitter high
> voltage (PA) power
> supply. Unit appears to be complete and in very good
> cond. I
> also have an original manual. I got it with a HB
> 4-1000 amp I just bought
> that was in need of a face lift. Due to it's size I
> wanted to get rid of the
> choke & Vac Rectifiers w/fil trans and mount the HV
> trans, oil caps, and new
> ss rect. & vari-ac on a much smaller chassis to fit
> in my 19" rack. Before I
> cannibalize this huge/heavy peice of mil-surplus, I
> was wondering if there
> was a market/value on this first? Have a BC-939-B
> ant tuner also avalible in
> fair cond. Any advice would be appreciated.
>
> TNX in Advance: Eric KB8RJS
>
>

---------------------------------------------------------
> Get Your Private, Free Email at
> http://www.hotmail.com
>
> ---
> Submissions milsurplus@...
>

=====

# 105. T-368 Loading Cap.

Yahoo group: T-368_BC-610
Date: 1999-10-12 07:38:48 UTC
From: W7QHO@xxx.xxx
Topic: 105  Message: 105

All,

Need a T-368 vacuum-variable loading cap (1500 pf). Can anyone help? Cash or trade.

Dennis DuVall, W7QHO

# 106. Re: T-368 Loading Cap.

Yahoo group: T-368_BC-610
Date: 1999-10-13 01:38:00 UTC
From: Joe Foley
Topic: 105  Message: 106

I'm looking for a "T-6" transformer for my speech amp
and have asked all of the suplus suppliers I've found,
do far, on the web so far none except Fair Radio has
T-368 parts. Where'd they all go?

Maybe we should get together and compare notes of who
else has a stash of T-3 parts, there's got to be more!

Joe

--- W7QHO@... wrote:
> All,
>
> Need a T-368 vacuum-variable loading cap (1500 pf).
> Can anyone help? Cash
> or trade.
>
> Dennis DuVall, W7QHO
>
<HR>

>

=====

# 107. failure notice

Yahoo group: T-368_BC-610
Date: 1999-10-13 02:03:17 UTC
From: Gary Pewitt
Topic: 107  Message: 107

>
>Folks, I am in need of the following BC-610 coils:
>
>C-387-D with vacuume cap 2.0 to 2.5 Mc
>C-387-D without vacuume cap 2.5 to 3.5 Mc
>C-390-C 5.7 to 8 MC
>
>I also need an antenna tuner BC-939-(*) if anyone has one modified
>for the 1.0 to 2.0 Mc range that would be a plus. Or I could use a
>frequency conversion kit MC-509 with coils C454, C455, and tuning
>units TU-61 and TU-62. I will also need some standard tuning units
>(I have an rf deck coming with 3 tu's but I don't know which ones yet)
>I am picking up a gutted 610 with a nice cabinet next week minus the
>modulator deck and power supply deck. The rf deck is coming from that E
>place. Supposed to be unused but with no tubes. Just got the other 4
>coils from the notorious E place. I will definetly need help and advice
>putting it all together. They sound -so- good on 3885.
>
>Off topic question:
>
>Does anyone know much about the LR-1 liferaft that Fair Radio is selling
>on page 32 of thier catalog? I just got one to use as survival gear for
>my sea kayak. I blew it up and it does not leak but I can't tell how to
>use a CO2 cartrige to inflate it. If I ever need it I won't have time
>to blow it up. Some of you ex zoomies should have had classes on it.
>I told you it was off topic.
>
>Thanks and 73 Gary N9ZSV/KT gpewitt@...
>
>
>Gary Pewitt N9ZSV/KT gpewitt@...
>6120 W. Calumet Rd. Apt. 204, Milwaukee, WI 53223
>414 355 8147 home 414 297 4307 work
>Sturgeon's Law "Ninety percent of everything is crap."
>
>
>
>
Gary Pewitt N9ZSV/KT gpewitt@...
6120 W. Calumet Rd. Apt. 204, Milwaukee, WI 53223
414 355 8147 home 414 297 4307 work
Sturgeon's Law "Ninety percent of everything is crap."

# 108. Re: T-368 Parts

Yahoo group: T-368_BC-610
Date: 1999-10-13 18:32:46 UTC
From: Joe Foley
Topic: 108  Message: 108

This is a reply from one of the surplus dealers I
contacted about T-368 parts.

--- "W.J. Ford Surplus Enterprises"
<testequipment@...> wrote:
> Joe,
>
> i have checked, and about all we have is as follows:
>
> TU54 plug in module
> dial may be missing (can't tell for sure)
> $25.00 (approx. $17 U.S.)
>
> Also, 1 coil which may be for the 610
> 3 banana pins on bottom, 2 banana jacks on top
> heavy 1/4" wire on bakelite coil
> 3" dia. x 9" long
> $10.00
>
> Please let me know if either (or both :) of these
> items are of interest, or
> if there is anything else we can do for you.
>
> thank you for your inquiry. i will look forward to
> hearing from you.
>
> regards,
> Ron Ford
>
>
**********
> ***
> W.J. Ford Surplus Enterprises / RF
> Science & Technology
> P.O. Box 606, 21 Market St. N., Smiths Falls, Ont.
> K7A 4T6 Canada
> www.falls.igs.net/~testequipment/
> www.falls.igs.net/~rftech
> testequipment@...
> rftech@...
> Phone: +1-613-283-5195 (9:00 am - 4:00 pm EST)
> Fax: +1-613-283-0637 (24 hr/day)
>
**********
> **

>
> -----Original Message-----
> From: Joe Foley <redmenaced@...>
> To: testequipment@...
> <testequipment@...>
> Date: Monday, October 11, 1999 6:54 PM
> Subject: T-368 Parts
>
>
> >Hi,
> >
> >I'm looking for parts for the T-368 transmitter,
> >especially "T-6" from the speech amplifier. I'm
> also
> >interested in parts for the BC-610 transmitter. I
> >would be interested in whole units, too.
> >
> >Thanks,
> >
> >Joe
> >
> >
> >
> >=====
> >
> >_____
> >Do You Yahoo!?
> >Bid and sell for free at http://auctions.yahoo.com
> >
>
>

=====

## 109. T-368

Yahoo group: T-368_BC-610
Date: 1999-10-14 03:06:16 UTC
From: k7sx@xxxxxxxx.xxx
Topic: 69  Message: 109

Gentelmen, I am looking for a T-3 lettered or plain. Needs to be in good condition, and within 1000 miles of S.L.C. Utah. I will pay, and I will pick up. Dave K7SX

# 110. Re: Re: T-368 Parts

Yahoo group: T-368_BC-610
Date: 1999-10-14 23:08:46 UTC
From: Joe Foley
Topic: 108  Message: 110

I'm working on it, any help would be appreciated, like
searching the net for them. I haven't found but two
so far that have ANY parts for the T-368's or the
BC-610's and I've posted them. Did you get the coils
from the one I listed last week?

I need the "T-6" transformer for my T-368 speech amp.

Joe

--- BrRonK777@... wrote:
> Hi Joe,
>
> Does anyone have, or, can you get, a list of true
> surplus dealers in the US
> of A?
>
> It sure would be helpful to me (and others).
>
> mny tnx es 73,
>
> Ron K -- W1ARS
>

=====

# 111. Excessive Quoting Rant - off topic

Yahoo group: T-368_BC-610
Date: 1999-10-15 07:18:55 UTC
From: Alan
Topic: 111  Message: 111

Hi All,
~
You know ?! I've been seeing a LOT of messages lately that have at least one - sometimes TWO complete 3 or four page messages quoted within them (and don't EVEN get me started on quoting these miltipage trailers 5 or six times over!). This practice doesn't happen in *ALL* of the lists, just in a LOT of them, and I don't have ANYthing against a l-o-n-g message, as some of you may hove noticed from time-to-time in my own posts :) But Come ON!!! And I'm speaking only to those that do this - you know who you are! If your client (that's the thingy you're reading this message with - no not your eyes smart*!) can't have the quoting shut off (or you just don't WANT to shut it off) at LEAST go through and manually delete as many lines as you can - especially the signatures (normally a client will place a formatted line at the top of the message saying who it's from, their eMail addy and sometimes the date, so there's no reason for some of these glutted sigs AND TRAILERS! to be quoted) before posting the reply. Better yet, IF your client will allow you to shut off the quoting, and your OS allows cut-n-paste (for all you windows maniacs out there), use THAT to copy a SMALL portion of the message, if needed, to keep the context accurate.

Ok... Let's have a show of hands... How many of you have taken the time to read 'Emily PostNews - Nettiquette' document(s) ?!? 1... 2... 3... Do I hear 4 ??? Hmmmm.. Not many! :( If you are NEW to posting on the internet or have just never read it - PLEASE! take time to read this simple document and modify your posts accordingly. Your list owner will thank you, the internet will thank you (uses MUCH less resources), the other readers in the list will thank you, and even your own HDD will thank you - as you won't be wasting a bunch of extra space to save this excessive quoting in your 'sentmail' folder/box/file (whatever).

Now.... Just watch some totally lame donkeybutt reply to THIS message and quote the whole dam(n) thing... 'Scuse me for sounding a bit miffed about all this, but not only am I getting DUPLICATES! of about every message that's posted in many of the lists (not all), but much of this is totally wasted space because it's unnecessary quoting (X2). <sigh>

<rant mode off>

I hope this off-topic won't get me kicked from lists, but as popeye might say, "I've stands all I can stands - I can't stands no mo!". Next step is to install a 'quote monitor' and start sending automated messages via direct eMail to those that quote over a certain percentage. Talk about using resources!!! If it's waste they send - then waste they'll get!
I might get REALLY nasty and attach some useless files to those.
I'm not a hacker (in the old definition), or a cracker (by the new one),

and I'm not really a jerk - just someone that's about fed up with those that don't seem to give a sh*t about the carp they spew into cyberspace. And "No" I don't feel it's my responsibility to "unsubscribe if I don't like it".

And I'm just waiting for some non-conformist selfish lazy SOB to reply to this message and inform me that I have no right!!! to tell him/her how to use THEIR computer, and they're going to continue their inconsiderate operations just to spite me... Oughta be worth a chuckle and a shake of the head, if nothing else. And to those uninformed souls that wonder why I don't just use my 'delete' key ? Jeeeze!!! Think about it for a sec!

B.A.

# 113. Thanks - I feel better now

Yahoo group: T-368_BC-610
Date: 1999-10-15 23:29:52 UTC
From: Alan
Topic: 113  Message: 113

Glad to get that off my chest <whew!>
As I stated not ALL lists have this problem, and if I hit the ones that don't - I apologize. My course of action was to select the ones I KNEW had a fairly decent traffic level. I'm hoping that my post MIGHT negate a future problem from a new internet user that's subscribed at this time, or by one that takes the time to read the archives and see the post there.

I appreciate all the + comments, and would like to thank both Gerry Hull (for telling me to "get a life") and Sabbatai Zvi (for telling me to "grow up" and calling me a "NET COP") (not sure if that is a real name or the gender thereof. BOTH of which felt compelled to quote my complete message in their reply (lol) proving my point, but I must commend Gerry for doing so via private eMail and NOT to the list. Thank you Gerry.

And a sincere thank you to those list owners and moderators that took the time to drop me a line and comment on my post, consider your input appreciated and your wishes ack'ed and accepted.

Now that, that's done.. What were we discussing ?
I think it had something to do with radios, computers, or tty. Hi Hi

73 2 all - Alan

# 114. Re: Re: T-368 Parts

Yahoo group: T-368_BC-610
Date: 1999-10-16 01:03:59 UTC
From: Joe Foley
Topic: 108  Message: 114

--- BrRonK777@... wrote:
>
> I don't have a T-368 (Drat), but a BC-610-E.
++++++++++++++++++
They seem to be hard to find, I think I got one of the
last ones available on the planet.

>
> Can you give me the input/output impedances of a
> T-6? Also the current, or,
> power requirement and physical size and I will try
> to find out if someone has
> one but doesn't know what it belongs to.
++++++++++++++++++++
OK, Thanks!

First line: "Level 17 DBM Max PRI DC 10 MA"

Next line: "Freq. Resp. +- 1 Db(?) 300 CPS - 5K CPS"

Next line: "350 Working Volts to GND"

Primary: 15,000 Z at 10 MA DC

Secondary: 60,000 Z

Physical size is 2" dia. X 2 1/2" high. Six terminals
on the bottom with four mounting screws. Core, as
taken out of the wax filled can, is 2" X 1 13/16 X
3/4" with hair-like wire windings.

I think matching the Freq Resp is the most important,
and probably hardest to match.

>
> I need the overload reset switch to get mine on the
> air.
++++++++++++++++
You're in the same boat with me. I happened to find
the exact replacement pots for the mike gain and the
600 ohm line gain for my T-3 in the Allied catalog.
After that its just one part left. I'm being VERY
patient!!

Would also like to
> replace the interlocks, which some friendly,
> overzealous chap removed. Could

> he perhaps, be a silent key now?
++++++++++++++++++++
Yeesh!!

I don't like the interlocks on the T-3, they seem to be good for a control circuit but these are carrying the current of several transformers. Seems they could have come up with something better. I've got mine working now but they had big gobs of solder in each one so someone had trouble with them.

Joe

=====

# 115. Re: Re: T-368 Parts

Yahoo group: T-368_BC-610
Date: 1999-10-16 01:56:02 UTC
From: Joe Foley
Topic: 108  Message: 115

--- BrRonK777@... wrote:
> Now that's a good idea. If you decide to build one,
> let me know what circuit
> you decide on. I'' build one with you.
++++++++++++++++
Well, that's what I need is a circuit. I could build
a chassis, I can do the sheetmetal work, its the plugs
I need so I can put it in the rig without modifing
everything.

>
> Speaking of xfmts, you couldn't find a wirse freq
> response if you tried,
> unless it was intended for data only.
++++++++++++++++=
But then that's why they used that one, that's all
they were using it for. They only wanted the most
neccessary freqs of the human voice. I have to be
careful not to get the BW too wide, though.

Use HI-FI, if
> you can find it. I think
> the real freq limiter will be your modulator.
> Probably the T-6 was in the
> original setup.
++++++++++==
Yes, it was.

My voice is very low, and comm.
> frequencies make it hard for
> me to modulate a rig. They always cut hi-freq
> response. I always punch
> through qrm and qrn better when I can increase high
> (treble) response.
++++++++++++
OK, some of that can be taken care of by mike choice,
too. Like the D-104? I've got a 1940's ribbon mike
that I'd like to determing the freq range of, where's
it work best?

Joe

=====

# 116. T-368 Safety Interlock System

Yahoo group: T-368_BC-610
Date: 1999-10-16 02:12:12 UTC
From: W7QHO@xxx.xxx
Topic: 116  Message: 116

All

Responding to recent E-mail on this (and other) subjects, the T-368 interlock system can be a constant source of trouble. First line maintenance on a stock T-3 when the HV won't come on is to pull all the drawers out and slam them back into place. The back panel is also intelocked but this is not obvious unless one studies the circuit diagram very carefully or has had occasion to pull the back off at one time or another. So, a lot of guys including myself HAVE bypassed the interlock system which can be done very easily down in the power supply chassis.

This is not as foolhardy as it may seem. The T3 is completely inclosed and pulling the RF or Modulator drawers out far enough to get into trouble disconnects the HV anyway. Also, pulling the PS out actually shorts the HV to ground so one would have to go to some effort to get into trouble on a T3 even with the interlock bypassed. I would also add that anyone qualified to be to be working inside a HV system like this would never trust ANY interlock system for protection in any case.

Dennis, W7QHO

# 117. RE: T-368 Safety Interlock System

Yahoo group: T-368_BC-610
Date: 1999-10-16 02:40:39 UTC
From: Chuck Tappe
Topic: 116  Message: 117

Dennis:

Have a beautiful "F" model T-3. The first order of business was to by-pass ALL of the interlocks. If there is ANY weak link in the design (other than HV potential on the bandswitch and the meter) these are certainly it. I don't have to worry about the liability aspect of getting sued if someone is injured or killed by coming across the HV. I'm not the manufacturer !! If someone has no experience working with high potential devices, best they leave the repair work to someone who does.

Well, that's my opinion.....but I may be wrong.

Chuck
K3UBD/San Diego

-----Original Message-----
From: W7QHO@... [mailto:W7QHO@...]
Sent: Friday, October 15, 1999 7:12 PM
To: redmenaced@...; T-368_bc-610@onelist.com
Subject: [T-368_BC-610] T-368 Safety Interlock System

From: W7QHO@...

All

Responding to recent E-mail on this (and other) subjects, the T-368 interlock
system can be a constant source of trouble. First line maintenance on a stock T-3 when the HV won't come on is to pull all the drawers out and slam them back into place. The back panel is also intelocked but this is not obvious unless one studies the circuit diagram very carefully or has had occasion to pull the back off at one time or another. So, a lot of guys including myself HAVE bypassed the interlock system which can be done very easily down in the power supply chassis.

This is not as foolhardy as it may seem. The T3 is completely inclosed and pulling the RF or Modulator drawers out far enough to get into trouble disconnects the HV anyway. Also, pulling the PS out actually shorts the HV to ground so one would have to go to some effort to get into trouble on a T3 even with the interlock bypassed. I would also add that anyone qualified to be to be working inside a HV system like this would never trust ANY interlock
system for protection in any case.

Dennis, W7QHO

# 118. Re: I need parts!!

Yahoo group: T-368_BC-610
Date: 1999-10-16 23:11:39 UTC
From: Joe Foley
Topic: 118  Message: 118

Another request for parts shot down!

--- Paul Keys <pkeys@...> wrote:
> Joe Foley wrote:
>
> > Hi Paul,
> >
> > I read a post of yours on the Milsurplus list.
> >
> > I need parts for the T-368 HF transmitter, exactly
> I
> > need "T-6" the output transformer on the speech
> > amplifier.
> >
> > I also have several individuals on my mailing list
> (
> > www.onelist.com/subscribe/t-368_bc-610 ) that are
> > interested in buying whole units, T-368's or
> BC-610's.
> > One guy lives in Salt Lake City, Utah and will
> pick
> > up within 1K miles.
> >
> > If you have any related parts for these please
> post a
> > list or E-mail it to me and I'll post it.
> >
> > Thanks,
> >
> > Joe
> >
> > =====
> >
> > _____
> > Do You Yahoo!?
> > Bid and sell for free at http://auctions.yahoo.com
>
> 10-14-99
>
> Hi Joe,
>
> I don't have any more items for the T-368 or the
> BC-610.
>
> Sorry I cant help.

>
> I used to sell these about 25 years ago.
>
> I remember a project hat we did for a pair of
> AN/GRC-41's complete in
> the shelters.
> --
> Best regards,
>
> Paul Keys, President
>
> Columbia Electronics International Inc.
> P.O. Box 960, 3720 Groves Place
> Somis, CA 93066-0960, USA
>
> Ph.: 805-386-2312
> Fax: 805-386-2314
>
> Visit our revised web site for our latest
> availability listings!
>
> http://www.columbiaelectronics.com
>
>
>

=====

## 119. Re: [R-390] Press Release

Yahoo group: T-368_BC-610
Date: 1999-10-17 00:20:45 UTC
From: Joe Foley
Topic: 119  Message: 119

--- "D. Reaves" wrote:
>
> FOR IMMEDIATE RELEASE
>
> The Federal Government has reversed its' policy of
> destroying some
> of the
> surplus Collins Radio communications equipment in
> their
> inventories..
>
++++++++++++++++++
I just hope the change wasn't because they had already disposed of all of the subject items. I also hope this includes all of the related spare parts.

That being said maybe we should compile the NSN's for every part we're interested in.

Other radios should be included, too, as a door has just opened and we need to cram everything we can through it. Maybe we can save the rest of the T-368's.

Joe

=====

# 120. WTB: RELAYS AND KNIFE SWITCHES

Yahoo group: T-368_BC-610
Date: 1999-10-18 17:56:53 UTC
From: BrRonK777@xxx.xxx
Topic: 120  Message: 120

Hi to all,

What I need is a couple of relays, one for antenna switching and one for switching between my BC-610 and Receiver. I could also use a new Plate relay and an overload reset pushbutton switch for the BC-610.

Also needed is a couple of knife switches spaced for 600 and 800 ohm open wire line. (please do not suggest Nebraska Surplus Sales). I would prefer ceramic bases, but, what have you got?

The relays should be 117 VAC DPDT with 20 amp contacts and wide open frames.

Tnx a lot Es 73,

Ron K -- W1ARS

# 121. Re: WTB: RELAYS AND KNIFE SWITCHES

Yahoo group: T-368_BC-610
Date: 1999-10-18 23:36:40 UTC
From: Joe Foley
Topic: 120  Message: 121

--- BrRonK777@... wrote:
> Hi to all,
>
> What I need is a couple of relays, one for antenna
> switching and one for
> switching between my BC-610 and Receiver. I could
> also use a new Plate relay
> and an overload reset pushbutton switch for the
> BC-610.
>
> Also needed is a couple of knife switches spaced for
> 600 and 800 ohm open
> wire line. (please do not suggest Nebraska Surplus
> Sales). I would prefer
> ceramic bases, but, what have you got?
>
> The relays should be 117 VAC DPDT with 20 amp
> contacts and wide open frames.
++++++++++++++++++++
What you're looking for are electric motor starters!

About NEMA #1.

You should be able to find them in ajunk yard that
handles industrial stuff.

Joe
> Tnx a lot Es 73,
>
> Ron K -- W1ARS
>
<HR>

>

=====

# 123. Pot part numbers

Yahoo group: T-368_BC-610
Date: 1999-10-19 02:38:06 UTC
From: Joe Foley
Topic: 123  Message: 123

Hi list,

Can anyone give me the part numbers for the pots that
control the 600 Ohm Line Gain and the Mike Gain on the
Mod deck of the T-368. Mine don't seem to work well,
one not at all, and I want to get the right ones from
Clarostat. Also need to know if I have the right ones
in the first place.

Thanks,

Joe

=====

# 124. DC-610 Remote installations. (SCR-499 et al)

Yahoo group: T-368_BC-610
Date: 1999-10-24 06:49:35 UTC
From: BrRonK777@xxx.xxx
Topic: 124  Message: 124

Hi, I'd like to hear from some Radio Techs familiar with remoting the BC-610 transmitter, which was the transmitter for either the SCR-299, mounted in a panel truck; SCR-399, truck mounted in an HO-17 housing unit; or, the SCR-499, which could be set up anywhere in the cabinetry provided.

How was it done? I know we were able to operate Break-in CW because of the long distance between transmitter/receiver, and their separate antennas.

I'd like to know what wires and cables were used for control. What kinds of antennas were usually used. I'm talking field operation and depot operation. Main base Vs out-bases.

Any help you can give me will be greatly appreciated.

73, Ron -- W1ARS

# 125. Re: [MilSurplus] DC-610 Remote installations. (SCR-499 et al)

Yahoo group: T-368_BC-610
Date: 1999-10-24 14:18:32 UTC
From: dharlan
Topic: 125  Message: 125

Hey Ron,

You NEED to get TM 11-280 Technical Manual for Radio Set
SCR-299/399/499. It covers operation and inter-connection of the all
the basic components when used as a Radio Set. You still need all the
specific equipment manuals. The TM 11-280 contains a schematic of
the various configurations and all interconnect cables.

I have been working on an SCR-299 quite a bit lately,
(2 years!!) and know that with the equipment supplied with the truck
remote operation is limited to CW only. I don't know if the SCR-399/499
has provision for remote PHONE operation or not. Either way all
variants are capable of full function remote operation provided
that a second operator remains in the truck/shelter or tent.

Remote operation is supported via a pair of EE-8's and
a junction box JB-69.

Dan N8ETQ Cleveland, Oh.

BrRonK777@... wrote:
>
> Hi, I'd like to hear from some Radio Techs familiar with remoting the BC-610
> transmitter, which was the transmitter for either the SCR-299, mounted in a
> panel truck; SCR-399, truck mounted in an HO-17 housing unit; or, the
> SCR-499, which could be set up anywhere in the cabinetry provided.
>
> How was it done? I know we were able to operate Break-in CW because of the
> long distance between transmitter/receiver, and their separate antennas.
>
> I'd like to know what wires and cables were used for control. What kinds of
> antennas were usually used. I'm talking field operation and depot operation.
> Main base Vs out-bases.
>
> Any help you can give me will be greatly appreciated.
>
> 73, Ron -- W1ARS
>
> ---
> Submissions milsurplus@...

# 126. Antenna for T-368

Yahoo group: T-368_BC-610
Date: 1999-10-24 22:55:05 UTC
From: Joe Foley
Topic: 126  Message: 126

Hi

Does any one know the nomenclature for the antenna and
base used on the GRC-26/D shelter that used the T-368
transmitter?

Thanks,

Joe

=====

# 127. RE: [MilSurplus] Antenna for T-368

Yahoo group: T-368_BC-610
Date: 1999-10-25 00:20:13 UTC
From: Meir Ben-Dror
Topic: 127  Message: 127

:Joe and Group,

According to my GRC-26D manual:

On the shelter itself:

For the receiving antenna:
Mast base bracket: MP-50-A
Mast base: MP-65-B
Whip antenna consisting of (from bottom to top): 2x MS-116-A, 1x MS-117-A,
1x MS-118-A.

Transmitting antenna:
Mast base bracket:MT-657/GRC
Mast base MP-76
Whip antenna consisting of (from bottom to top): 3x MA-116-A, 1x MS-117-A,
1x MS-118-A.

Doublet antenna (fixed position):

3x Masts AB-155/U, 3x Mast Base AB-154/U, Coax cable CG-693/U.

Mast assembly AB-55/U consists o

-----Original Message-----
From: owner-milsurplus@... [mailto:owner-milsurplus@...] On Behalf
Of Joe Foley
Sent: Sunday, October 24, 1999 6:55 PM
To: milsurplus@...; t-368_bc-610@onelist.com; mil-veh@...
Subject: [MilSurplus] Antenna for T-368

Hi

Does any one know the nomenclature for the antenna and
base used on the GRC-26/D shelter that used the T-368
transmitter?

Thanks,

Joe

=====

---
Submissions milsurplus@...

# 128. RE: [MilSurplus] Antenna for T-368

Yahoo group: T-368_BC-610
Date: 1999-10-25 00:22:10 UTC
From: WF2U
Topic: 127  Message: 128

:Joe and Group,

According to my GRC-26D manual:

On the shelter itself:

Receiving antenna:
Mast base bracket: MP-50-A
Mast base: MP-65-B
Whip antenna consisting of (from bottom to top): 2x MS-116-A, 1x MS-117-A, 1x MS-118-A.

Transmitting antenna:
Mast base bracket:MT-657/GRC
Mast base MP-76
Whip antenna consisting of (from bottom to top): 3x MA-116-A, 1x MS-117-A, 1x MS-118-A.

Doublet antenna (fixed position):

3x Masts AB-155/U, 3x Mast Base AB-154/U, RF cable assembly CG-693/U (this is the dipole center insulator/support wit a 75ft. coax).

Mast assembly AB-155/U consists of: 8 mast sections MS-44, 3x guy plates MX-378/U, 4x Guy MX-383A/GRA-4 (52ft), red tag, 4x Guy MX-381A/GRA-4 (42ft), white tag, 4x Guy, MX-382A/GRA-4 (33ft), blue tag, 12x slide fastener FT-9, 1x halyard MX-516A/GRA-4.

I hope this helps you. Good luck,

73, Meir WF2U

-----Original Message-----
From: owner-milsurplus@... [mailto:owner-milsurplus@...] On Behalf Of Joe Foley
Sent: Sunday, October 24, 1999 6:55 PM
To: milsurplus@...; t-368_bc-610@onelist.com; mil-veh@...
Subject: [MilSurplus] Antenna for T-368

Hi

Does any one know the nomenclature for the antenna and base used on the GRC-26/D shelter that used the T-368 transmitter?

Thanks,

Joe

=====

---
Submissions milsurplus@...

## 129. T368 wanted

Yahoo group: T-368_BC-610
Date: 1999-10-29 18:13:54 UTC
From: Phil Mills
Topic: 129  Message: 129

Hello,

I'm going to be driving from Houston to Minneapolis and back
next week and am wondering if anyone knows of a T-368 for sale
within a hundred miles or so of I-35. Other large transmitters
or receivers will be considered too :-)

thanks & 73,
Phil
AB5TH

# 130. Re: [MV] DOT3 vs. Silicone Brake Fluid

Yahoo group: T-368_BC-610
Date: 1999-11-01 00:12:14 UTC
From: Joe Foley
Topic: 130  Message: 130

--- RoughDoc@... wrote: > You can quote them directly from the Army Technical > Manual regarding silicone > brake fluid. > > BTW, this is a great site. It has tons of military > equipment manuals in > electronic format on line. PS magazine is archived > too. You have to ask > permission to log on, but they allow access to the > public for those manuals > that are available to the public (like vehicles). > > HREF="http://www.logsa.army.mil/pubs.htm">Publications > > > === > To unsubscribe from the mil-veh mailing list, send > the single word > UNSUBSCRIBE in the body of a message to > . > =====

# 131. Hunting/raiding party

Yahoo group: T-368_BC-610
Date: 1999-11-02 03:28:11 UTC
From: Joe Foley
Topic: 131  Message: 131

Hi list,

So far we have 31 members on this list.

That means we have a bunch of contacts. We have many who are looking for T-368's to buy. I'm looking for "T-6" for my speech amp, others are looking for coils for their BC-610's or other parts.

I've inquired with many dealers on the internet about parts and have found very little. I think we even bought out Fair Radio!

So,..... guys .....its time!! We have to send a hunting party to each of the four corners of the known world,..... fire up those Boatanchor Search and Recovery Vehicles and get out there!!!

But remember,.... a BC-610 and a T-368 weigh 3/4 of a ton, tell the XYL that's why we need the big trucks.

Also, the pots on my mod deck are bad, does anyone have the EXACT part number of both of them?

Thank you,

Joe KG2CI

PS. Bruce Howes just subscribed yesterday, his call sign is KG2IC. Just to add to the confusion. Hi, Bruce!!

=====

## 132. Re: Hunting/raiding party

Yahoo group: T-368_BC-610
Date: 1999-11-02 06:53:24 UTC
From: Gene G. Beckwith
Topic: 131  Message: 132

Joe Foley wrote:
> 
> From: Joe Foley <redmenaced@...>
> 
> Hi list,
> 
> So far we have 31 members on this list.
> 
> That means we have a bunch of contacts. We have many
> who are looking for T-368's to buy. I'm looking for
> "T-6" for my speech amp, others are looking for coils
> for their BC-610's or other parts.
> 
> I've inquired with many dealers on the internet about
> parts and have found very little. I think we even
> bought out Fair Radio!
> 
> So,........ guys ..........its time!! We have to
> send a hunting party to each of the four corners of
> the known world,.............. fire up those
> Boatanchor Search and Recovery Vehicles and get out
> there!!!
> 
> But remember,.... a BC-610 and a T-368 weigh 3/4 of a
> ton, tell the XYL that's why we need the big trucks.
> 
> Also, the pots on my mod deck are bad, does anyone
> have the EXACT part number of both of them?
> 
> Thank you,
> 
> Joe KG2CI
> 
> PS. Bruce Howes just subscribed yesterday, his call
> sign is KG2IC. Just to add to the confusion. Hi,
> Bruce!!
> 
> =====
> 
> 

Joe, and the T-3 Gange,

Yes the seach is on...and didn't realize that these big critters were going to be tough to support...! Guess most of us are watching for any

parts...hope the list grows so we can stay up to date on sources, and can exchange stuff to help each other out...

The big hunt is on...have a 3/4 ton Suburban with a very thirsty 454...nothing but BIG IRON here...Have truck, will rescue!

Hi Bruce...Glad ur on this list...enjoyed talking with u and on ur T-3 at the Batavia, NY Fest this summer...! I helped load ur critter back in the truck...after the fest closed down...Hope to do it all again next year...

73,

Gene

W8KXR

Clinton, Ohio

"Goin' fast, while the money lasts!"

## 133. moving big xmtrs

Yahoo group: T-368_BC-610
Date: 1999-11-02 13:17:07 UTC
From: Mark Foltarz
Topic: 133  Message: 133

I just brought back an RCA BTA-1R1. My t368 looks
small compared to that bohemeth. Infact, the 1R1 is
bigger than my Gate 1T! Nuts!

DE KA4JVY
Mark

=====

# 134. Re: Hunting/raiding party

Yahoo group: T-368_BC-610
Date: 1999-11-02 18:44:54 UTC
From: W7QHO@xxx.xxx
Topic: 131  Message: 134

Guys,

First, welcome to Bruce.

It's certainly a good idea to beat the bushes for original parts sources, but we shouldn't hold our collective breath in anticipation of some vast, undiscovered hord coming to light any time soon. In the meantime, guys, perhaps the use of a few substitute parts and judicious modifications might be considered? I recognize the appeal and value of authenticity but my personal preference is to see the old stuff working and on the air.

Dennis, W7QHO
Glendale, CA

# 135. Fwd: Interesting item on eBay web site item#192865701: old ship or sub radio

Yahoo group: T-368_BC-610
Date: 1999-11-03 02:50:17 UTC
From: W7QHO@xxx.xxx
Topic: 135  Message: 135

Guys,

FYI

Dennis, W7QHO

**********

Gee just two "switchs missing" . Such a deal!
73 Mike
I saw this item for sale at eBay, the world's largest personal trading community, and thought that you might be interested.

Title of item: old ship or sub radio
Seller: miles288@...
Starts: 11/02/99, 14:13:14 PST
Ends: 11/09/99, 14:13:14 PST
Price: Starts at $1.00
To bid on the item, go to:
http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=192865701

Item Description:
Old Government radio used on ship or sub. In very good shape. Missing two switches. I.D plate reads...
Transmitter Radio T-368F/URT
Serial No. 19
Oneida Electronics INC.
Order No. 15498-PP-63
U.S.
115 Volts 50-60 cycles

Visit eBay, the world's largest Personal Trading Community at http://www.ebay.com

# 136. Re: Fwd: Interesting item on eBay web site item#192865701: old ship or sub radio

Yahoo group: T-368_BC-610
Date: 1999-11-03 03:47:45 UTC
From: Joe Foley
Topic: 135  Message: 136

> Gee just two "switchs missing" . Such a deal!
> 73 Mike
> I saw this item for sale at eBay, the world's
> largest personal trading community, and thought that
> you might be interested.
>
++++++++++++++++++++++++
Gee,..... I see some important things missing
there!

What's all of that other stuff sticking out of the
power supply deck and the meter on the mod deck?

Joe

=====

# 137. RE: Fwd: Interesting item on eBay web site item#192865701: old ship or sub radio

Yahoo group: T-368_BC-610
Date: 1999-11-03 04:12:47 UTC
From: WF2U
Topic: 135  Message: 137

Gang,

Looks like it's more than just two switches missing: it's the PA tuning and loading control knobs are missing together with the shafts and turns counters!
There is an ominous and ill-abiding implement on top of the T-3: a HAMMER! Was it used to torture or perhaps dismember the old girl?
Also, there must be a receiver hiding in there: a headset is plugged in to a jack which is NSTBT (Not Supposed To Be There!) on the modulator deck front panel, together with the NSTBT meter.

Let's see if the final bid goes to over $1000 ;-() .... SUCH A DEAL!!! (Hammer included!)

73, Meir WF2U

-----Original Message-----
From: W7QHO@... [mailto:W7QHO@...]
Sent: Tuesday, November 02, 1999 9:50 PM
To: t-368_bc-610@onelist.com
Subject: [T-368_BC-610] Fwd: Interesting item on eBay web site item#192865701: old ship or sub radio

From: W7QHO@...

Guys,

FYI

Dennis, W7QHO

**********

Gee just two "switchs missing" . Such a deal!
73 Mike
I saw this item for sale at eBay, the world's largest personal trading community, and thought that you might be interested.

Title of item: old ship or sub radio
Seller: miles288@...
Starts: 11/02/99, 14:13:14 PST
Ends: 11/09/99, 14:13:14 PST
Price: Starts at $1.00
To bid on the item, go to:
http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=192865701

Item Description:
Old Government radio used on ship or sub. In very good shape. Missing two switches. I.D plate reads...
Transmitter Radio T-368F/URT
Serial No. 19
Oneida Electronics INC.
Order No. 15498-PP-63
U.S.
115 Volts 50-60 cycles

Visit eBay, the world's largest Personal Trading Community at http://www.ebay.com

[Attachments have been removed from this message]

# 140. Possible Paint Source for T-368

Yahoo group: T-368_BC-610
Date: 1999-11-03 16:41:21 UTC
From: Hagan, Reid J
Topic: 140  Message: 140

As some members of the T-368 group may be contemplating a complete refurbishment of their "T-3's" which includes repainting, I would like to offer a possible avenue in the sometimes difficult search for a good paint source.
A month or so ago, I was able to acquire a very nice T-368 (locally) that was in very good shape cosmetically, with the exception of the edges of the P/S deck, which had become a bit ragged over the years from personnel dragging the beast in and out of the cabinet. I used Turtle Wax White Compound (which is mild) on the cabinet and, thus far, on the Modulator deck. I tested the compound on the white lettering of the Mod. deck and all worked out fine-it really cleans off the old grime and left intact all the silk screened (or painted-on white lettering). The results were great! I then used NuFinish polymer "wax" (in the orange bottle) on each unit and was amazed at the results. Everything done thus far looks great with a very nice dark gray patina.
The "H" frame and shock mounts looked in need of some attention. I painted the six shock mounts a dull bronze color and finished up with a clear coat of enamel on each. The search for a "correct" color of the gray paint proved formidable. Many colors and many shades are available, but it seemed that every one was just not "quite right".
After a lengthy search, I think that I have found a color that looks great on the T-3, is readily available, and is rather inexpensive. The "H" bracket turned out looking super, after using the paint. The spray paint can be found at Home Depot and is labeled under the name of "Painter's Touch" by Rust-Oleum. The color is "Dark Gray" with a color code of #1986. It retailed for $3.27 a can. The color is a very very close match to the aged original T-3 gray, with the slightest hint of a darker finish. The paint dries fast, seems very hard, and does not seem prone to scratches. Even if the color was a shade darker, it wouldn't affect my particular restoration, as the P/S deck is the lowest drawer and would be in a "lesser light" situation in my radio room, anyway.
I hope this offers some help to those members looking for an economical, but first class restoration.

Wishing the T-3
group well,

Reid W2HU

# 141. Re: Hunting/raiding party

Yahoo group: T-368_BC-610
Date: 1999-11-08 06:57:01 UTC
From: Gene G. Beckwith
Topic: 131  Message: 141

W7QHO@... wrote:
>
> Todd,
>
> Good points. I'm involved in this effort too. Unfortunately, none of my
> documentation includes mil/part numbers.
>
> 73.
> Dennis D., W7QHO
>
> In a message dated 99-11-03 10:46:23 EST, you write:
>
> <<
> Hey Guys - Boomer here...
>
> I'm not sure if any or all of you are aware of the current issues with
> changing
> the DEMIL list which the gov't uses. Michael Crestohl, W1RC and a few of us
> are
> now working on developing a list and getting items on this list which should
> no
> longer be destroyed(and never should have been). If it hasn't already been
> done, we should add the mil/part numbers for the T-368 and its ancillary
> items/sub-systems, as well as the BC-610. We might all be amazed at what is
> still out there in storage. A fellow on the R-390 list who lives in Germany
> recently mentioned some complete systems that the Air Force disposed of,
> consisting ot a T-368 and two R-390 receivers(if I'm remembering this right).
> He also said there are liekly more to come out.
>
> Please feel free to send me any military numbers/designations to add to this
> list. Through Michael's herculean efforts, the gov't has agreed to stop
> destroying some surplus gear and instead make it available for resale. This
> is
> our chance to add to the list of items we';d like saved.
>
> If this has already been covered and the numbers have already been submitted,
> please disregard this msg and remind me to pay closer attention. ;)
>
> BTW, in case I didn't mention it before, I'm looking for a T-3 *and* and
> earlier '610/HT-4. Yes, I know - I'm not asking too much....
>
> 73, Todd/'Boomer' KA1KAQ
>
> >>
>

>

Boomer,

Excellent report and confirmation of the chances of saving sa'moe stuff...keep us posted...and yea, one never has enough boat anchors of the really heavy type...hope to acquire a good condx '610 one of these days too...

73,

Gene

# 142. Recent E-bay sale

Yahoo group: T-368_BC-610
Date: 1999-11-09 22:59:58 UTC
From: Joe Foley
Topic: 142  Message: 142

Well Ok,

The T-368 that just closed on "that auction page"
didn't make the guy's reserve, high bid was $300.

Wonder what the reserve was......

The PA was missing some parts, like the tuning and
loading counters, among others.

Obviously modified Mod deck and some extra holes in
the Power deck.

Hey, Phil,..... just how bad was it?

Joe

=====

# 144. FOR SALE!! BC-610

Yahoo group: T-368_BC-610
Date: 1999-11-10 02:50:19 UTC
From: Joe Foley
Topic: 143  Message: 144

Here it is, get it while its HOT!!!!

Let us know how you make out!

If you looking for a BC-610I contact Vic Edmondson W4MYF at 850-971-5580. I spoke with him today and this transmitter is complete with tubes, tuning units and coils. No ant tuner or speech amplifier. He also has many other high power parts and would like to talk to those interested. He also states that if you send a two stamped SASE for a complete list of the things he's been collecting since 1941. His address is RT-1 Box 2599, Lee FL 32059 (TWO stamps on one envelope)

Maybe you can help the guy out and put some of that heavy metal to use.

Terry

=====

# 145. Re: Recent E-bay sale

Yahoo group: T-368_BC-610
Date: 1999-11-10 15:44:34 UTC
From: tbigelow@xxx.xxxxx.xx.xxxxxxxxxxxxxxxxx
Topic: 142  Message: 145

Hmm?...

I happen to have a spare RF deck, too - maybe I coulda bought this one and made a working unit? Probably too damned far to go 'n get anyhow, that's what happens when you live in the 'Great White North' of Vermont....

73, Boomer KA1KAQ

Joe Foley wrote:

> From: Joe Foley <redmenaced@...>
>
> Well Ok,
>
> The T-368 that just closed on "that auction page"
> didn't make the guy's reserve, high bid was $300.
>
> Wonder what the reserve was......
>
> The PA was missing some parts, like the tuning and
> loading counters, among others.
>
> Obviously modified Mod deck and some extra holes in
> the Power deck.
>
> Hey, Phil,..... just how bad was it?
>
> Joe
>
> =====
>
>

# 146. Re: Recent E-bay sale

Yahoo group: T-368_BC-610
Date: 1999-11-11 21:39:16 UTC
From: Joe Foley
Topic: 142  Message: 146

--- Phil Mills <plmills@...> wrote:
> Hello Joe,
>
> Thought I'd let you know the end. The seller
> apparently looked
> at the bid page and decided my $305 was fair. He
> sent me a nice
> email with his name and phone number and directions
> to his
> business where the unit was. I called him promptly
> and picked
> it up a little while ago.
++++++++++++++++++++
Great, so it was just a case of him not keeping up
with things. $305 sounds about right for the market
now considering the parts missing.

>
> It does look to be a nice clean unit. The only
> hacks being the
> 2-pin Amphenol mike jack and single ac outlet added
> to the power
> supply front panel.
++++++++++++++++++++
What's the extra meter on the Mod deck for?

What is the row of holes in the power supply deck for?

The rf deck is missing all the
> PA tank parts,
> the 4-250, and the 4-250 chimney and clamp.
++++++++++++++++++++++
What 4-250's?? T-368's don't use those, supposed to
be 4-125's. But why complain? Wait a minute!!
That's the 4-400 you're talking about!! Not a 4-250.

In all
> other respects,
> it appears to be complete and unmodified.
+++++++++++++++++
Can you tell if all of the modules are "F" modules?

What's the date of mfg? This was the one by Onieda
right? Is that Onieda, NY?

>
> The cabinet has a pair of shock mounts in each
> corner rather than
> casters.
++++++++++++=
Casters are a big help.

When I arrived to pick it up, it was
> sitting on a box
> that did not show in the auction picture. The box,
> appears to be
> professionally made, is painted a matching color and
> has matching
> rack handles. This box is the same footprint as the
> unit and is
> about 20 inches tall and apparently was built so the
> unit could be
> set on top of it to raise it up to a more convenient
> height.
+++++++++++++++
Good storage for spare tubes!!

>
> Now, I've got to make arrangements to get that
> "parts unit". It
> supposedly has good panels, all transformers, and
> all the PA parts
> except the variable caps.
++++++++++++++++++++
Hmm,..... sounds like an expensive replacement part.
>
> I'll get me a working T-368 yet :-)
++++++++++++++++++
And spare parts!!

Ahh! The successful hunt!! Tell the wife how lucky
she is that she dosn't have to clean up the gut pile.

Joe

=====

# 147. Re: Recent E-bay sale

Yahoo group: T-368_BC-610
Date: 1999-11-11 23:57:03 UTC
From: Joe Foley
Topic: 142  Message: 147

--- Phil Mills <plmills@...> wrote:
> Duh, 4-400, you're right....forgive my lapses but
> this is
> the first one of these I've had my hands on :-)
++++++++++++++++++++]
Oh Boy!! I went through this same process this
spring. Ed, KA3OTT, helped me out A LOT!!

VERY FIRST THING!! Get some manuals, you HAVE to have
them, they have the tuning charts in them for
adjusting the LOADING and TUNING caps.

Also, they have the pictures which is the best way to
determine which modules you have, except for one
illustration which has the older Mod deck listed as an
"E" model.

>
> Oneida Corporation...does not specify location. Tag
> does
> say T-368F/URT. I don't know how to tell if the
> modules
> are F units. Please coach me.
++++++++++++++++++=
Well, as the history goes, the Basic model was made in
the early '50's. The "A" through "D" models came
about before 1960, which leaves the "E" and "F" models
for the rest of history. We haven't actually found
the differences between the "E" and the "F" models,
.............. yet.

If the power supply deck has sealed relays its an "E"
or later.

If the Mod deck has K-9 behind the gain pots, its an
"E" or later.

If the cabinet has teflon wiring its a late '60's
cabinet and is an "E". If the tuning chart is on the
right side its probably an "E" or later. One problem
here is that the antenna relay has a different voltage
in the early cabinets than in the newer ones. BIG
PROBLEM HERE, becareful, their expensive.

>
> Duh, extra meter? Well, it is so neatly done it did
> not occur

> to me it was not original. It is a 150 vdc meter
> apparently
> wired to measure the modulator bias voltage.
++++++++++++++++++++++++
That sounds like a good one to have, but I'd check to see if the meter in the middle of the RF deck works in all three positions.

The
> knob just
> to the left of it is a switch to switch the meter in
> and out
> of the circuit.
++++++++++++++++++++=
Sounds like someone wanted to keep a close eye on the mod voltage.

There are also two phone jacks
> added...don't
> know what for yet but I'd guess that one is probably
> for a key.
+++++++++++++++++
Could be for monitoring the sidetone oscillator.

>
> There is also an extra toggle switch at the top of
> the power
> supply that I did not notice....I'll figure that one
> out later.
> What row of holes? Other than the toggle switch, ac
> outlet,
> and Amphenol connector, I don't see anything else.
++++++++++++++++++++
Well,... only using the one I have as the example, I see "something" on the top left corner and in a row going to the center.

> What kind of blower attaches to that round hole
> thingie on the
> rear of the cabinet?
++++++++++++++++
There should be a squirrel cage blower inside the unit, this is "B-2", the "jet engine" that cools the Filament Pot and the Mod tubes.

Ok, now we can start the muffin fan discussion. Some people don't use this fan at all and report no problems, bu-u-u-t,..... I think that if there's supposed to be a fan there, who am I to take it out, besides that FILAMENT pot gets real hot. Just got to figure out how to attach a cup holder on the front

panel.

First thing to do before starting this thing is to check the fan for the 4-400, these were used 24/7 for months and the fans usually need new bearings.

They're not hard to change, I pulled mine off with my fingers, might need a three jaw puller, push them back on with a deep socket and a bar clamp.

Glad to be able to help, that's why I started this list.

Joe

=====

# 148. Re: Recent E-bay sale

Yahoo group: T-368_BC-610
Date: 1999-11-12 00:02:20 UTC
From: Joe Foley
Topic: 142  Message: 148

--- Phil Mills <plmills@...> wrote:
> Duh, 4-400, you're right....forgive my lapses but
> this is
> the first one of these I've had my hands on :-)
++++++++++++++++++++++
No DUH there!! This puppy's just bigger than you
thought it was! hehehehe!!

That "chimney" you're looking for is more like a
bucket, big copper one!

How you like that copper plated RF deck?

Keep digging, you'll love it!!

Joe

=====

# 149. WTB: BC-342 w/ LS-3

Yahoo group: T-368_BC-610
Date: 1999-11-12 15:50:11 UTC
From: dharlan
Topic: 149  Message: 149

Hello All,

Needed for SCR-499 set. Will pay cash or have trades,
SX-28, HRO 50, NC300.

Thanks
Dan N8ETQ Cleveland, Oh. dharlan@...

# 150. Re: Recent E-bay sale

Yahoo group: T-368_BC-610
Date: 1999-11-12 15:55:40 UTC
From: Joe Foley
Topic: 142  Message: 150

--- Phil Mills <plmills@...> wrote:
> Hello Joe,
>
> The manuals I have only cover up to the "C" units.
> According
> to those manuals, some of the C contracts had the
> K-9 relay
> along with the 6AL5 and 6AH6 just behind the gain
> controls.
> Anyway, my deck has it this way also.
++++++++++++++++++++++++
Ok, that sounds like the right one.

The power
> supply has
> open relays on the back of the front panel and
> sealed relays
> along the rear of the chassis.
++++++++++++++++++++++
There should be NO relays on the back of the front
panel, that's a modification. Maybe military or some
one later. Better check that out and see what it
does, or is supposed to do.

I would guess that
> the cabinet
> is correct as the wiring appears to be Teflon and
> the tuning
> chart holder is on the right side of the cabinet.
> The blower
> that goes inside is missing...maybe my parts unit
> will have
> one.
>
> Do you know anyone with later manuals?
++++++++++++
Ask the list and see who has what, I have copies of
the "E" model. The NIST homepage has copies that
they sell.

Joe

=====

# 151. WTB: Detent Roller URM-25D

Yahoo group: T-368_BC-610
Date: 1999-11-13 03:32:29 UTC
From: Joe Foley
Topic: 151  Message: 151

Hi,

Does anyone have the detent roller for a URM-25D?

Mine has been removed, probably because it broke, is
this a common failure?

Does anyone know of a parts supplier?

Thanks,

Joe

=====

# 152. ? Replacement for 6000 tube?

Yahoo group: T-368_BC-610
Date: 1999-11-13 21:19:20 UTC
From: Phil Mills
Topic: 152  Message: 152

In browsing through back issues of Electric Radio for articles
on the T-368, I found one article that claimed that a 25AV5 tube
could be used in place of the 6000. Has anyone done this?

thanks & 73,
Phil
AB5TH

# 153. Re: ? Replacement for 6000 tube?

Yahoo group: T-368_BC-610
Date: 1999-11-14 01:49:32 UTC
From: W7QHO@xxx.xxx
Topic: 152  Message: 153

Phil,

Yes, the 25AV5 works FB but requires a modification in the exciter screen circuit. The 25AV5 requires a lower screen voltage than the 6000 and if you just plug it straight in it will work but will draw enough plate current to exceed the tube's dissipation rating. Also, the fixed bias provided for the 6000 is not enough to cut-off the 25AV5 on key-up with the original circuit, and prolonged use would probably burn out the original 6000 screen dropping resistor (R120) too.

What you do is replace R120 with a 15K, 10 watt resistor in series with a 25 K wirewound pot to ground, and feed the SG from the wiper. Adjusting the pot to give 30 ma. of plate current gets you 10 - 12 ma of grid drive on all bands. The pot can be mounted behind the front panel on the exciter unit as no readjustment is required between bands. My 25AV5 has been running 5 years now with no drop in output.

I have spare 6000s but tried this substitution out just to see how well the 25AV5 would work. At the time, the 6000 was VERY hard to find and quite expensive. There seem to be a lot more of them around now, but at around $25 each the effort required to use the 25AV5 ($5 last time I looked) is probably still worthwhile.

73,
Dennis D. W7QHO
Glendale, CA

# 154. See the page

Yahoo group: T-368_BC-610
Date: 1999-11-15 02:01:43 UTC
From: Joe Foley
Topic: 154  Message: 154

http://home.att.net/~r391/www_ott/t368.htm

=====

# 155. ? Mike connector info wanted ?

Yahoo group: T-368_BC-610
Date: 1999-11-15 23:35:25 UTC
From: Phil Mills
Topic: 155  Message: 155

Can anyone tell me what mike connector mates with that
3-pin connector on the front of my newly acquired T-368?
It looks like some kind of standard Switchcraft or Amphenol
audio connector....any help would certainly be appreciated.

thanks & 73,
Phil
AB5TH

# 156. Re: ? Mike connector info wanted ?

Yahoo group: T-368_BC-610
Date: 1999-11-16 14:00:13 UTC
From: Joe Foley
Topic: 155  Message: 156

Well there's the problem!

The original has 10 pins, its a U77 connector, Fair
radio has them.

Joe

--- Phil Mills <plmills@...> wrote:
> Joe,
>
> I'm talking about the original mike connector...the
> 3-pin
> male job. I'm going to pull the deck and see if I
> can
> find some kind of ID on it today.
>
> Thanks & 73,
> Phil
>
> Joe Foley wrote:
> >
> > If you look hard enough there should be a name and
> > number on it somewhere. Is this the one that's in
> > place of the normal mike connector? I'd be
> tempted to
> > put the original back in or one to match your own
> > mikes.
> >
> > Joe
> >
> > --- Phil Mills <plmills@...> wrote:
> > > Can anyone tell me what mike connector mates
> with
> > > that
> > > 3-pin connector on the front of my newly
> acquired
> > > T-368?
> > > It looks like some kind of standard Switchcraft
> or
> > > Amphenol
> > > audio connector....any help would certainly be
> > > appreciated.
> > >
> > > thanks & 73,
> > > Phil
> > > AB5TH

> > >
> > <HR>
> > <html>
> > >
> >
> > =====
> >
> > _____
> > Do You Yahoo!?
> > Bid and sell for free at http://auctions.yahoo.com
>

=====

# 158. Shorting Sticks

Yahoo group: T-368_BC-610
Date: 1999-11-18 04:27:03 UTC
From: Joe Foley
Topic: 158  Message: 158

> Hi List,
>
> Fair Radio has new shorting sticks for the T-368's,
> see a picture on their webpage.
>
> If you don't have one of these very necessary tools
> this is a good opertunity to get one.
>
> They look a whole lot better than my homemade one.
>
> Joe

# 159. Re: See the page

Yahoo group: T-368_BC-610
Date: 1999-11-18 06:40:05 UTC
From: Mark Foltarz
Topic: 154  Message: 159

>we'll its time
> to take a deep breath and recognize again the kind
> of dangerous toys we
> play with on a nightly basis...

Sage advice indeed! Although in hindsight I'm glad I
divorced her! I've bought a lot of nifty radio gear
with the cash I saved!!!

Most sincerely,

DE KA4JVY

Mark

# 160. T368 exciter mod ??

Yahoo group: T-368_BC-610
Date: 1999-11-18 11:21:22 UTC
From: Phil Mills
Topic: 160  Message: 160

Joe,

I saved the posting about using the 25AV5 in place of the 6000 in the exciter deck. However, my exciter still has the 6000 in place so the added pot has to be for something else. Anyway, in the case of the 25AV5 mod, you adjust it once and forget it so there's no need for it to be on the front panel.

Does anyone know of an exciter mod that might add a pot to the front panel of the exciter?

thanks & 73,
Phil

Joe Foley wrote:
>
> --- Phil Mills <plmills@...> wrote:
> > Yes, the stops are definitely missing in the
> > counters, and
> > in more than one also! Guess I'll pull the exciter
> > out for
> > a closer look. Somebody has wired in a panel
> > mounted pot
> > to it for some purpose so I need to figure out what
> > that is
> > about.
> ++++++++++++++++++
> That rings a bell!! Someone, maybe you, posted about
> using the 25AV5 instead of the 6000 tube. The reply
> stated that they had to mount a pot in that area to
> drop the voltage of something. Soes that sound
> familiar?
>
> We should be doing this on the list in case anyone
> else had the same questions or has morre to offer.
> You never know what kind of stuff people come up with.
> I've also learned to expect good stuff from the most
> unusual places.
>
> Joe
>
> =====
>
> __________________________________________________
> Do You Yahoo!?
> Bid and sell for free at http://auctions.yahoo.com

## 161. Shorting Sticks

Yahoo group: T-368_BC-610
Date: 1999-11-19 01:16:53 UTC
From: Joe Foley
Topic: 158  Message: 161

Well, its:

www.fairradio.com

of course, what else would it be?

Joe

# 162. Re: Welcome to T-368_BC-610@onelist.com

Yahoo group: T-368_BC-610
Date: 1999-11-19 21:34:26 UTC
From: GTB032161@xxx.xxx
Topic: 162  Message: 162

Thanks Joe for the welcome, I own a BC-610 I model and looking for some parts like coils and tuning units. And a speach amplifer cord , if you no of anybody selling any parts please let me no. 73s George (N1TNQ)

# 163. Re: Welcome to T-368_BC-610@onelist.com

Yahoo group: T-368_BC-610
Date: 1999-11-20 02:20:58 UTC
From: Phil Mills
Topic: 162  Message: 163

Hello George,

Call Fair Radio at 419-227-6573 and ask for Dave. Give Dave
a list of what you want. He will ask you to call back later
so he can go search. This drill really works! I did it today
and got everything I was looking for at reasonable prices. For
example, I needed the twist lock plugs for the AC power. Local
electrical supply wanted $10 for one and $20 for the other.
Dave offered them for $8 each :-). I am now a firm believer...
call Fair Radio first then look elsewhere.

good luck, 73,
Phil

GTB032161@... wrote:
>
> From: GTB032161@...
>
> Thanks Joe for the welcome, I own a BC-610 I model and looking for some parts
> like coils and tuning units. And a speach amplifer cord , if you no of
> anybody selling any parts please let me no. 73s George (N1TNQ)
>
>

# 164. Re: [MilSurplus] TM's fer R-390, T-368A-C/URT

Yahoo group: T-368_BC-610
Date: 1999-12-03 23:16:03 UTC
From: Joe Foley
Topic: 164  Message: 164

This listing is from the milsurplus mailing list.
Reply to Paul, not me.

Joe

--- Paul Gregory <afpgreg@...> wrote:
> For Sale:
>
> 1) TM 11-649 TO 31R2-2FRR-221, "Radio Receiving Sets
> AN/FRR-40 and AN/FRR-41." This is
> manual on using R-390, SSB converter (CV-157) in
> diversity station. 77pgs, $35.00
>
> 2) TM 11-809-10 TO 31R2-2URT-121, "Radio Transmitter
> T-368/URT, T-368A/URT, T-368B/URT, and
> T-368C/URT and Antenna Tuning Unit BC-939-B
> Operator's Manual." 39 pgs, complete with fold
> out schematics, $45.00 CONUS.
>
>
>
>
>
> ---
> Submissions milsurplus@...
>

---------------------------------------------------
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# 165. Re: [R-390] 5726 Tube

Yahoo group: T-368_BC-610
Date: 1999-12-04 02:48:34 UTC
From: Joe Foley
Topic: 165  Message: 165

--- "Dr. Gerald N. Johnson, P.E." <geraldj@...>
wrote:
> Sorta, but a 5814 is just similar to a 12AU7, the mu
> is different, which
> means the cutoff voltage is different, and the gain
> is different. You
> should be working on plush carpet to protect the
> falling tubes (though
> its a magnet for small mechanical parts.
++++++++++++++++++++
Well,..... its like this..... I was
over the carpet, but the tube I pulled out of its
socket flipped like a football, out of my fingers, up
into the air, ...flew right at the woodstove.

I thought maybe it'll fall short and land in the much
softer woodpile, its Ironwood, of the Betula family,
not Maple, of the Acer family, much harder, with sharp
corners.

But no, ... it missed both and landed on the slate
tile, of the ROCK family. PCKSSHHT!!!!

The shards landed in the carpet!!

Joe

>
> 73, Jerry, K0CQ
>

_____
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# 166. Pa. Tube Hunt

Yahoo group: T-368_BC-610
Date: 1999-12-05 03:41:52 UTC
From: Joe Foley
Topic: 166  Message: 166

Someone was looking for 6F6's, I found two. They look
new, they're Tung-sol's, but they're in GE boxes.
They test real good, but then the note by the previous
owner said that they tested good on 11-13-62, too.

Found a tube caddy in an antique store in Sylvania,
Pa. Price? Don't ask, it wasn't that good. Oh,
well.

Joe

---
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# 167. Re: [BoatAnchors] More tuning units

Yahoo group: T-368_BC-610
Date: 1999-12-06 03:31:57 UTC
From: Joe Foley
Topic: 167  Message: 167

Could these be for the BC-610?

Joe

--- doc <docky@...> wrote:
> I found some more tuning units simular to the others
> this morn, 4 have
> Hallicrafters logo, kind-a bronze in color,
> Hallicrafter logo on the
> bottom by the crystal socket, TU47, TU48, TU49, TU50
> TU meaning tuning
> unit?? The 47 tunes2.0 to .5 MC has
> #SC"B"2342"A......The 48 tunes 2.5
> to 3.2 MC.....the 49 tunes 3.3 to 4.0 has
> #SC"B"23844"A.....the 50 tunes
> 4.0 to 5.0 MC has #SC"B"23485" gussing these go to
> Hallicrafters
> transmitter.Each has Internal amp control..doubler
> coutrol...tuning
> control...switch for M O or xtal and xtal socket on
> the very
> bottom I have three others very much like
> the above but silver
> in color one does Have a Hallicrafters Logo so
> assume Hallicrafters 2
> don't have the logo, 2 TU50s and 1 TU48 tuneing
> same as above... same
> controls...one has a date APR 51 I'd like $15 ea OBO
> I would "talk
> turkey on the whole lot. 73 Doc K?IMJ (SK
> stuff!!) Sorry I don't have
> any pictures
>
>
>
> ---
> Submissions boatanchors@...
>

---------------------------------------------------
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# 168. Re: [BoatAnchors] More tuning units

Yahoo group: T-368_BC-610
Date: 1999-12-06 05:10:12 UTC
From: Joe Foley
Topic: 167  Message: 168

--- doc <docky@...> wrote:
> Fellows, some of the units are sold but still have a
> TU48 TU49 and 2 TU30s,
> Doc K?IMJ
> doc wrote:
>
> > I found some more tuning units simular to the
> others this morn, 4 have
> > Hallicrafters logo, kind-a bronze in color,
> Hallicrafter logo on the
> > bottom by the crystal socket, TU47, TU48, TU49,
> TU50 TU meaning tuning
> > unit?? The 47 tunes2.0 to .5 MC has
> #SC"B"2342"A......The 48 tunes 2.5
> > to 3.2 MC.....the 49 tunes 3.3 to 4.0 has
> #SC"B"23844"A.....the 50 tunes
> > 4.0 to 5.0 MC has #SC"B"23485" gussing these go to
> Hallicrafters
> > transmitter.Each has Internal amp control..doubler
> coutrol...tuning
> > control...switch for M O or xtal and xtal socket
> on the very
> > bottom I have three others very much like
> the above but silver
> > in color one does Have a Hallicrafters Logo so
> assume Hallicrafters 2
> > don't have the logo, 2 TU50s and 1 TU48 tuneing
> same as above... same
> > controls...one has a date APR 51 I'd like $15 ea
> OBO I would "talk
> > turkey on the whole lot. 73 Doc K?IMJ (SK
> stuff!!) Sorry I don't have
> > any pictures
> >
> > ---
> > Submissions boatanchors@...
>
>
> ---
> Submissions boatanchors@...
>

---------------------------------------------------
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# 169. BC-610 Tuning Units Needed

Yahoo group: T-368_BC-610
Date: 1999-12-07 21:13:53 UTC
From: W7QHO@xxx.xxx
Topic: 169  Message: 169

All,

Help!

I seem to remember some tuning units listed FS here lately. Now looking for TUs for a 610 in a club station. Especially need TU-47, 49, 52 and 54 but interested in any or all in series TU-47 thru 54 (or other later/earlier series, etc.). Tank coils also needed.

Dennis D. W7QHO

# 170. T-388 F Schematic anyone?

Yahoo group: T-368_BC-610
Date: 1999-12-09 02:08:16 UTC
From: olaf@xxxxxx.xxx
Topic: 170  Message: 170

Hello Fellows,
This is my first appearance on this mailing list and I want to to first say 'hello' to everybody.
I got a well preserved "F" model T-368 and I'm getting aquainted with it I do have all documentation up to the "E"model,but would like to find out a little more on the changes they made on the "F".----Can anyone help me with schematic for the "F' ?
Tnx de Olaf,KF4TP.

# 171. Tube stuff!

Yahoo group: T-368_BC-610
Date: 1999-12-10 01:52:34 UTC
From: Joe Foley
Topic: 171  Message: 171

On-line tube data pages!!

www.triodeel.com/tubedata.htm

with an audio slant,..... oh well.

Tube testers on that auction page, what is it, O-boy?

Item # 217158420

A Weston 798 that's up to $12!!

An I-177 that sold for $102!!!

There are others, too.

Also a 10 amp variac that's only up to $9.

Joe

_____
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# 172. Re: T-388 F Schematic anyone?

Yahoo group: T-368_BC-610
Date: 1999-12-10 15:44:06 UTC
From: Joe Foley
Topic: 170  Message: 172

--- olaf@... wrote:
> Hello Fellows,
> This is my first appearance on this mailing list and
> I want to to first say 'hello' to everybody.
> I got a well preserved "F" model T-368 and I'm
> getting aquainted with it I do have all
> documentation up to the "E"model,but would like to
> find out a little more on the changes they made on
> the "F".----Can anyone help me with schematic for
> the "F' ?
> Tnx de Olaf,KF4TP.
++++++++++++++++++++=
Well, Olaf,

We're in the same boat with you. We're not sure just exactly what the changes are. We haven't found a manual for the "F" model either.

So far the only change I'm aware of is the vacuum transmit/receive relay.

Part of the problem here is that the "E" model was made into the 1970's which didn't leave much time for the "F" to be produced before they quit making them all together.

Even the National Institute of Science and Technology, who has copies of all of the manuals available doesn't show the "F" model manual. They only go up to the "E" model.

Welcome to the list, we've got 33 subscribers now.

Joe
>
<HR>
<html>
>

---------------------------------------------------
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# 173. Re: T-388 F Schematic anyone?

Yahoo group: T-368_BC-610
Date: 1999-12-10 21:07:55 UTC
From: Phil Mills
Topic: 170  Message: 173

Hello Joe,

Please forgive me for correcting you in public but it is
NTIS which is "National Technical Information Service".
They charge $33 plus $5 handling and mailing in U.S. for
the depot maintenance manual....the only thing added is
schematic pages to cover the later models...all the rest is
the same as the manual that covers up to the "C" model.

Also, having just purchased a manual because I have
an "F", I can assure Olaf and others that you are correct in
that the manual only covers up to the "E" model. At my present
state of ignorance, working on my first T-368, I certainly
can't say what the differences are.

thanks & 73,
Phil
W5BVB

Joe Foley wrote:
>
> From: Joe Foley <redmenaced@...>
>
> --- olaf@... wrote:
> > Hello Fellows,
> > This is my first appearance on this mailing list and
> > I want to to first say 'hello' to everybody.
> > I got a well preserved "F" model T-368 and I'm
> > getting aquainted with it I do have all
> > documentation up to the "E"model,but would like to
> > find out a little more on the changes they made on
> > the "F".----Can anyone help me with schematic for
> > the "F' ?
> > Tnx de Olaf,KF4TP.
> ++++++++++++++++++++=
> Well, Olaf,
>
> We're in the same boat with you. We're not sure just
> exactly what the changes are. We haven't found a
> manual for the "F" model either.
>
> So far the only change I'm aware of is the vacuum
> transmit/receive relay.
>
> Part of the problem here is that the "E" model was
> made into the 1970's which didn't leave much time for

> the "F" to be produced before they quit making them
> all together.
>
> Even the National Institute of Science and Technology,
> who has copies of all of the manuals available doesn't
> show the "F" model manual. They only go up to the "E"
> model.
>
> Welcome to the list, we've got 33 subscribers now.
>
> Joe
> >
> <HR>
> <html>
> >
>
> _____
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>
>

# 174. t-368 parts to sell/trade

Yahoo group: T-368_BC-610
Date: 1999-12-10 21:16:31 UTC
From: Phil Mills
Topic: 174  Message: 174

Hello all,

Unfortunately I've just paid too much for a parts unit. I'm trying to restore an "F" model and have just bought a plain early unit with no suffix just to get the vac variable gear drives, tank coils, and band switch. I'd hoped that the unit would provide me with front panels with less extra holes than my current ones but such was not to be :-(

Anyway, I have for sale or trade the following:

Plate xfmr (heavy)
Plate supply filter choke
4 mf 4 kv caps with mounting brackets
All the meters
Filament voltage rheostat
One power supply switch/circuit breaker
Rack handles
cabinet handles

I need the following and will be willing to pay cash as necessary:

Correct 4-400 filament xfmr for RF deck.
Both vacuum variables :-) (yes, I dream big!)

thanks & 73
Phil
W5BVB (proud? owner of a very EXPENSIVE :-) T-368F)

# 175. Re: T-388 F Schematic anyone?

Yahoo group: T-368_BC-610
Date: 1999-12-11 00:18:19 UTC
From: Joe Foley
Topic: 170  Message: 175

No problem!! I'm glad someone corrected me, I tried to get that one out quickly and didn't know what I was talking about. Thank you, There are those on this list that are more informed than I and I hope they will let us know if we get really far off. I've had my T-3 for the summer and haven't got it on the air yet. Too many other projects, like work and keeping a truck on the road. My 3/4 ton Chevy "T-3 Search and Recovery Vehicle" died, sucked a valve, and had to be replaced with the solid state version that being a 1986 Nissan pickup. A very able vehicle but doesn't have the heavy lift capabilities. Don't worry, though, the Chevy will live again!! Joe --- Phil Mills wrote: > Hello Joe, > > Please forgive me for correcting you in public but > it is > NTIS which is "National Technical Information > Service". > They charge $33 plus $5 handling and mailing in U.S. > for > the depot maintenance manual....the only thing added > is > schematic pages to cover the later models...all the > rest is > the same as the manual that covers up to the "C" > model. > > Also, having just purchased a manual because I have > an "F", I can assure Olaf and others that you are > correct in > that the manual only covers up to the "E" model. At > my present > state of ignorance, working on my first T-368, I > certainly > can't say what the differences are. > > thanks & 73, > Phil > W5BVB > > Joe Foley wrote: > > > > From: Joe Foley > > > > --- olaf@... wrote: > > > Hello Fellows, > > > This is my first appearance on this mailing list > and > > > I want to to first say 'hello' to everybody. > > > I got a well preserved "F" model T-368 and I'm > > > getting aquainted with it I do have all > > > documentation up to the "E"model,but would like > to > > > find out a little more on the changes they made > on > > > the "F".----Can anyone help me with schematic > for > > > the "F' ? > > > Tnx de Olaf,KF4TP. > > ++++++++++++++++++++= > > Well, Olaf, > > > > We're in the same boat with you. We're not sure > just > > exactly what the changes are. We haven't found a > > manual for the "F" model either. > > > > So far the only change I'm aware of is the vacuum > > transmit/receive relay. > > > > Part of the problem here is that the "E" model was > > made into the 1970's which didn't leave much time > for > > the "F" to be produced before they quit making > them > > all together. > > > > Even the National Institute of Science and > Technology, > > who has copies of all of the manuals available > doesn't > > show the "F" model manual. They only go up to the > "E" > > model. > > > > Welcome to the list, we've got 33 subscribers > now. > > > > Joe > > > >

# 176. Response to T-368 F schematic

Yahoo group: T-368_BC-610
Date: 1999-12-11 23:00:25 UTC
From: olaf@xxxxxx.xxx
Topic: 176  Message: 176

Hi everyone,
Tnx for the response to my T-368 F schematic query.Looks like we are all in the same boat,allright.---no schematic to be had.--
I got a lot of info from Russ,WB3FAU,which he passed along on the AM Bulletin Board and via E-mail.Here are his commments and some of my observations after allmost breaking my back,pulling the decks out,etc
.
1. Solid state plug-ins for the 3B28's.My rig is stenciled 1N2632.The plug-in rectifiers I have are marked S51301E,have an 'SI' Logo and 'made in the USA'.The T-5 Fil Transformer is still in place and I'm sure the 3B28's would just have to be plugged and work just fine.

2. A switch on the RF-chassis near the big cable plug,stenciled S-15,disables the VFO during receive.When 'ON',I could hear the VFO faintly in my receiver.

3. A Vacuum T-R Relay with a lot of wire running about (May be this bird flies without antenna if you leave the covers off,hi.)

4. A huge ceramic vacuum variable on the load side of the 'Pi' network.

5. The 5R4 rectifiers are 5R4WGB's instead of the 5R4WGA's.I don't know the difference,may be it has to do with the shape of the glass bulb,to accomodate the hold down ring.

My unit is tagged by TRW and is said to have come from Fair Radio a few years back.At the time it was still crated and had appearently been completely refurbished and up-dated by TRW. It looks like the RF-deck was completely exchanged and the Modulator and Power Supply decks and the cabinet were from older units and were refurbished.

I am still trying to to figure out how to safely mute my TS-940 ricebox which I want to use for receive.My X-mas came early this year and a 75A4 or the like has to wait a while,hi.

If anyone has some more 'dope' on this subject,please let us know!

Again,thanks for the response and a 'Merry X-mas'. de Olaf,KF4TP (ex DL9 OW)

# 177. Re: Response to T-368 F schematic

Yahoo group: T-368_BC-610
Date: 1999-12-12 04:08:25 UTC
From: W7QHO@xxx.xxx
Topic: 176  Message: 177

Olaf,

In a message dated 99-12-11 18:01:08 EST, concerning your T368 F you write:
<<
2. A switch on the RF-chassis near the big cable plug,stenciled
S-15,disables the VFO during receive.When 'ON',I could hear the VFO faintly
in my receiver.
>>

I take this to mean that in one position of the switch the PTO runs continulously and in the other position the PTO only runs when the transmitter is keyed. This is interesting because my "C" model has what appears to be a field mod which turns on the PTO only when the xmtr is keyed. A four pole relay was substituted for the original 3 pole Slow Release relay (K9) down on the modulator chassis, and the regulated 150 v. for the PTO was routed through the additional set of contacts. No "bypass" switch, such as appears to have been included in your "F" model is in evidence, however. Is this the way the PTO muting was controlled in your "F"? This modification to my "C" does not appear in any of the original manuals or addendums.

It would appear that a lot of drawer swaping took place at the depots and elsewhere. My "C" has a power supply from an "A" model. I have another T3 made up of a "Basic" RF deck (the very first model), an "A" modulator chassis and a "C" power supply. The PTO runs continuously in this unit and can be heard, but only very faintly as you noted.

T368s of all vintages are fine rigs. I'm sure you'll enjoy yours.

73,

Dennis D. W7QHO, ex. DA1IN

# 178. Antenna Books by Krause and/or Jasik

Yahoo group: T-368_BC-610
Date: 1999-12-12 23:11:47 UTC
From: BrRonK777@xxx.xxx
Topic: 178  Message: 178

Hi Gang,

I would like to buy the above books in good condition. Will pay well for same.

Thanks, 73 es Merry Christmas.

Ron K -- W1ARS

# 179. BC-610 tuning units

Yahoo group: T-368_BC-610
Date: 1999-12-13 03:14:17 UTC
From: doc
Topic: 179  Message: 179

I found four more 610 tuning units 48 and 49 and 2 50s $20 each shipped con US 73 Gary K?IMJ http://home.earthlink.net/~docky Heathkit Site

# 180. Latest tube hunt!!

Yahoo group: T-368_BC-610
Date: 1999-12-13 03:37:16 UTC
From: Joe Foley
Topic: 180  Message: 180

Had some time left after loading up at the electrical supplier so I went hunting in a city of about 50,000 people.

I asked at furniture stores and business equipment repair stores to see if they still had a stock of tubes from when they did service and repair on older equipment. They all said the same thing ".......nope, all of those guys are gone,.............. except Nick, if he's still around he'd be the guy to ask." Every place I went they all said the same name, "......... go see Nick".

Hmm,... you mean to tell me that in a town this big there's only one guy who did this stuff? Ok.

So I went to see Nick. I found him at his old furniture store, more grass than gravel in the parking lot, not much business these days. This guy's about 80, sharp as a tack, his wife still runs the furniture store, he farms, raises cows, etc. He's not an amateur radio operator. We talked for a while then we went to see the shop he used to run.

Wow! Its 100' long by 25' wide! Looks like he shut the lights off one day and never returned, left everything where it was. Racks and racks of Sam's books, put together they'd go for 75', four shelves high! Probably the same for the tube racks, caddies all over the place. Three benches for commercial radios, three more for TV's and stereos, the back room is the stock room and appliance repair room, another two benches upstairs for "walk-in" repairs.

He used to install and repair the radios for the police departments, hospitals, municipal departments, fire departments and so on for eight counties or more.

I'll have to visit him often, he knows things I need to learn, good guy, willing to teach, too.

Oops, I forgot to buy any tubes, we were too busy yackin'.

Go hunting, often! Never know what you'll find.

Joe

_____
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# 181. Wanted t -368

Yahoo group: T-368_BC-610
Date: 1999-12-21 03:58:47 UTC
From: k7sx@xxxxxxxx.xxx
Topic: 181  Message: 181

Gentelmen, Im still looking for a T-368. Will pay good money, for a good transmitter. Will pick up within 1000 or so of SLC UT. Dave K7SX

# 182. 4-400 chimneys

Yahoo group: T-368_BC-610
Date: 1999-12-21 22:08:46 UTC
From: Joe Foley
Topic: 182  Message: 182

Hey list!

I've finally found some T-368 parts!!

Fair Radio's got some chimneys for the 4-400 tubes.

$15 each bases included, used.

Ron says they've got about 5 in stock, that's not
many!!

So if you plan on smashing one, better stock up.

Joe

_____
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# 183. T-368 Antenna relay contact info

Yahoo group: T-368_BC-610
Date: 1999-12-21 23:52:16 UTC
From: mark.donaldson@xxxx.xxx
Topic: 183  Message: 183

Greetings to all,
I'm new to this list, but hope to be a regular participant.
I own a basic model (nonletter) T-368 SN#32 made by Barker and Williamson.
When I received it the spring contact on the PA deck, that connects the TX output to the antenna relay was missing.
I replaced this contact with a spare T-368 high voltage spring contact that I had.
My question is, is the spring contact that was originally used by the manufacturer on the PA for the RF output identical to the spring contact used for the high voltage connection?
If this is the case there seems to be an offset on my unit of about half the width of the contact.
I suspect that the original RF output spring contact was built with an offset in it, would someone take a peak in their T3 and let me know.

Also a suggestion that the members on this list do a role call and give us an idea of the version T3 they own, serial number, contract number, manufacturer, and any MWOs that were performed.
I notice the R-390 guys are doing this and it helps to track down the manufacturing history of these fine rigs, IMHO.

73s WA1QHQ

# 184. Re: T-3 RF output contact

Yahoo group: T-368_BC-610
Date: 1999-12-22 19:48:27 UTC
From: w1nml@xxxx.xxx
Topic: 184  Message: 184

Hi Mark and List members,

No, the RF output spring contact is not the same as a high voltage contact. It has an off set built into it. When I got my T-3, F model about 5 years ago it was also missing this contact (among other things). I borrowed the contact from another T-3 owner, then went to a hobby shop and bought some brass stock. I fabricated one out of the brass material and it seems to work fine. Never did get it silver plated. Maybe you could try this idea.

Good luck !

73,
Lock W1NML/7
Phoenix, AZ

---
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# 185. Re: T-368 Antenna relay contact info

Yahoo group: T-368_BC-610
Date: 1999-12-22 22:24:39 UTC
From: W7QHO@xxx.xxx
Topic: 183  Message: 185

Mark,

Ah, another "Basic" model. Was beginning to think I had the only one. Mine is also a B&W serial #129. My rig has an "A" modulator deck and a "C" power supply, however.

The original antenna spring contact does have an offset, as my friend Lock pointed out, unlike the contacts used to bring HV into the PA chassis. However, it would apppear that the HV contacts should work just fine as a substitute. The mating shoe that goes off to the antenna relay would appear to have more than enough contact area to accommodate the slightly different geometry of the HV spring contact shape. I haven't tried it, but gather it's working for you.

Welcome to the group. I like your idea of a roll call of rigs and owners. I've described my T3s here before but to reiterate:

Dennis L. DuVall, W7QHO
Glendale, CA

I have two T-368s, both hybrids

#1 Basic RF Deck, B&W serial #129, A modulator, C power supply

#2 C RF Deck, Crosley-Avco serial #237; C modulator; A power supply

73,
Dennis

# 186. Re: [MV] List of all NSN's / NIIN's

Yahoo group: T-368_BC-610
Date: 1999-12-23 01:28:21 UTC
From: Joe Foley
Topic: 186  Message: 186

For your information:

--- Mel Miller <nourmahal@...> wrote:
> To the List,
>
> Today I received this email which is self
> explanatory. I Ms. Englehart to get
> additional information. She said that the June 1994
> Master Cross Reference Data
> CD ROM was the first produced and is written for DOS
> 3.1 or higher. Current CD
> ROM's are written for Windows and DOS - Mac users
> get the short end of the
> stick again!
>
> She will be happy to send one disk to non government
> suppliers for $18.75 in
> the form of a money order or credit card data. Mail
> your money and request for
> either a June 94 or current disk to:
> Defense Logistics Information Service, DLIS-VSM
> Subscription Team, 74
> Washington Ave. N, Suite 7,
> Battle Creek, MI 49017-3064. Add $4.00 if you want
> certified mail. You might
> address the letter to Ms. Englehard and mention that
> you are a member of the MV
> collecting community. I explained our interests to
> her so she now has a basis
> for understanding requests for "old data". If any of
> you would like one of
> these disks which contain all CURRENT NSN's , give
> Ms, Englehard a call or
> write a letter and sharpen up your credit cards.
> Sounds like a bargain.
>
> Drive On!
> Mel Miller
> M725
>
> "Engelhard, Barbara" wrote:
>
> > Mr. Miller...The MCRD CD-ROM only goes back to
> June 1994. In fact, none of
> > our CD-ROM products go back to 1990. Would you

> like a copy of the June 1994
> > MCRD CD-ROM? If so, the fee for this is $18.75.
> There would be an
> > additional $4.00 charge if you wanted the disks
> sent by certified mail. As
> > payment we accept VISA, MasterCard, or American
> Express.
> >
> > Please let me know what you want to do.
> >
> > Thanks! Barb Engelhard, DLIS-VSM Subscription
> Team
> > 616-961-4592

---
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# 187. Re: [MV] Radio Info requested.

Yahoo group: T-368_BC-610
Date: 1999-12-27 02:36:23 UTC
From: Joe Foley
Topic: 187  Message: 187

--- OldJeeps@... wrote:
> *This message was transferred with a trial version
> of CommuniGate(tm) Pro*
> I would like some assistance in identifying some of
> the following Signal
> corps radios and equipment that belonged to my dad.
>
> (Just discovered he was MVPA member 419)
>
> After gathering info on this equipment, it will
> likely be placed on EBAY
> (since I don't know what's fair and I want my mother
> to get a 'fair' price),
> or donated to a museum. Most or all of it has been
> on a shelf in his
> garage/basement since 1950. I am a Jeep guy, not a
> radio guy, so I have no
> clue here. (although I am MVPA 12148)
>
> Signal Corps CY-615/URR
> Receiver, Radio-R-174/URR Serial3329 Ord No.
> 3154-PH-51
>
> Power Supply PP-308/URR Serial 2953 Emerson
> Radio
> -------------------------
> Wireless set No. 19
> Supply Unit No. 3
> ZA/USA 1050
> Serial 3315
> Eicor Inc
> Markings in Russian and U.S.
> Terminals for 275 Volt and 500 Volt
> Handwritten tag stating Mark II Dynomotor
> ---------------------------
> Load Control C-434/GRC Carod Rdio
> GRA-6
> C-433/GRC
> ----------------------
> Test Set I-199-A
> Serial 268 Munston Mfg
> -------------------------
> Transmitter tuning unit
> TU-AA-7
> Freq Range 4500-6200KC

> 12-24-35
> Serial # 19
> Mfg by GE
> ------------------------
> TU-10-B
> 10,000-12,500 KC
> 54151
> Mfg by GE
> ---------------------------
> Signal Generator
> TS-497A/URR
> 2-400 MC
> Serial # 375
> -------------------------------
> Standard Signal Generator
> Serial # 9678
> Model 80
> ---------------------------------
> PE 210B
> C-890/V
> 2 cycle 24V Generator
> ---------------------------------
> Non Military
> Hammarlund HQ129X
> Receiver
> -----------------------------------
>
> ===Mil-Veh is a member-supported mailing list===
> To unsubscribe, send e-mail to:
> <mil-veh-off@...>
> To switch to the DIGEST mode, send e-mail to
> <mil-veh-digest@...>
> Send administrative queries to
> <mil-veh-request@...>
>

_____________________________________________________
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# 188. Re: [MilSurplus] BC-610-F PARTS

Yahoo group: T-368_BC-610
Date: 1999-12-29 23:41:11 UTC
From: Joe Foley
Topic: 188  Message: 188

Please respond to Bob at his E-mail address, NOT ME!
Unless you really want to.

Joe

--- "ROBERT W. DOWNS" <RWDowns_WA5CAB@...>
wrote:
> Group,
>
> I'm about to uncover and break open my parts
> BC-610-F again to remove a
> couple of meter bezels. While I've got it open, is
> there anything else
> anyone needs for this model? Or anything that's
> also common to the -G and
> later or to the T-213/GRC-26?
>
> Robert Downs
> WA5CAB
> Houston
>
> ---
> Submissions milsurplus@...
>

_____
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# 189. WOW! They actually DID it!!

Yahoo group: T-368_BC-610
Date: 1999-12-30 02:33:42 UTC
From: Joe Foley
Topic: 189  Message: 189

Hi,

After months of hunting for the right size and voltage of HV wire for the T-368 Zorchmeister, this after a few offers of nearly-the-right stuff ( thanks, guys, guess I'm picky), and giving up on the "so called" distributers, I called Dearborn Wire and Cable's number from their website and.... BEGGED FOR IT!!!

Yes! Shamelessly, .... at Christmas time, .... I begged!!

www.dearborn-cdt.com

The distributers wouldn't cut a piece from a roll, minimum 100' for over $500!!

Dearborn's sales people were very nice, they have a "male" computer answering the phone, rare, these days. I told the man I needed 10' pieces, he thought a minute while listening to my plaintive wails, then said he could let me have them as "samples" and he wouldn't argue over cost.

Now granted, HV wire isn't hard to find,.. .but the wire going from the plate transformer to the 3B28's is 10 gauge at 6 K VDC. Try asking someone for that sometime,.... you should see the reactions! " WHAT DO YOU WANT THAT FOR??!!" " What are you building this time, Joe, hmmm..."

The 16 gauge is fairly normal stuff but its still hard to find small quantities of it.

Yes, that's it, if you want to re-wire the power supply deck you'll need about 4' of #16 and 3' of #10. I was able to get 25 K VDC Silicone Rubber Style 3239 150 deg. C. That should do it, don't you think?

It'd be great if we could patronize people that are helpful like that but how do we get them to stock stuff in quantities we can buy?

Two pots, an antenna and its ready!!

Joe

---
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# 190. Wow. Sold out!

Yahoo group: T-368_BC-610
Date: 1999-12-30 03:07:55 UTC
From: Joe Foley
Topic: 190  Message: 190

Phil at Fair Radio says he is presently sold out of
ALL military tube testers.

Glad I got my TV/10D when I did, they're all gone,
too.

I'm still looking for an undented case, with top, for
it, though. Mine suffered "shipping and handling" by
the DRMS.

Anybody got one? Anywhere?

Thanks,

Joe

---
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# 191. Re: [MilSurplus] FEDS RAID ELECTRONIC HOBBY VENDORS

Yahoo group: T-368_BC-610
Date: 1999-12-30 03:12:35 UTC
From: Joe Foley
Topic: 191  Message: 191

```
--- David Stinson <arc5@...> wrote:
> The jack-booted thugs
> continue to build the murderous police state,
> while the american sheeple graze and bleet.
> Wonder how long before owning a BC-611 means jail
> time?
>
> -------- Original Message --------
> Subject: FEDS RAID ELECTRONIC HOBBY VENDORS
> Date: Tue, 28 Dec 1999 15:04:45 -0600
>
> See: http://www.2600.com/news/1999/1218.html
>
> FEDS RAID ELECTRONIC HOBBY VENDORS
> 12/18/99
> 2600 has learned that several small electronic
> hobbyist
> vendors were recently raided by federal agents
> brandishing semiautomatic weapons.
> News of these raids has been kept out of the media
> and many of those involved fear retribution
> if they openly discuss the case.
>
> Until now, these companies had operated for years
> selling harmless educational electronic kits
> (like wireless microphones) to students, hobbyists,
> ham radio operators, and hackers.
> Now their inventories are being seized at gunpoint
> and their owners could be facing bankruptcy and
> prison time.
>
> The U.S. Dept. of Justice is apparently
> re-interpreting federal
> wiretapping and smuggling laws to include
> small hobby radio transmitters.
> Even possessing so-called "Mr. Microphone" type toys
>
> can now put hobbyists at risk of looking down the
> barrel
> of a federal agent's loaded gun, a felony
> conviction,
> federal prison time, loss of property,
> and legal fees into the tens of thousands of
> dollars.
>
```

> Ramsey Electronics and Super Circuits are just two
> of the companies recently raided at gunpoint.
> Both have good and longstanding reputations for
> selling
> inexpensive, quality educational kits and components
>
> to electronics hobbyists for many years through ads
> in electronic hobby magazines and their websites.
> A high-ranking Justice Department official
> told one of the business owners the orders for these
> raids
> are politically motivated and originated from a
> very high level in the Clinton administration
> as a result of the Linda Tripp wiretapping case.
> "They just need convictions," the official said.
>
> Earlier this year the Justice Dept. indicted Bill
> Cheek,
> the well-known and loved author of books on radio
> scanner
> modifications and Monitoring Times column writer.
> Bill was selling very simple "data-slicer" circuits
> (made from parts available at any Radio Shack)
> that could be used with a PC and a scanner to
> monitor
> radio data transmissions--including unencrypted
> police mobile data terminal (MDT) transmissions.
> Even after Bill had been diagnosed with
> terminal cancer, the Federal government refused
> to back off, even issuing a summons to court
> on the same day he was to begin chemotherapy.
>
> In 1995 2600's BernieS was locked up
> in five different maximum-security prisons
> over 14 months by the Secret Service
> for possessing his laptop computer, his software
> and ordinary electronic parts available at Radio
> Shack.
> He had been distributing parts, software, books
> and pamphlets about cellular and coin telephones.
> The Justice Department's final investigation report
> stated
> "There were no victims in the offense."
>
> This is a clear pattern of harassment
> and abuse of power by our Federal government
> against people teaching others about electronic
> communications. It appears our government doesn't
> want
> people to know this information.

> 2600 strongly feels this knowledge is important
> for people to have, and will continue spreading
> it at every opportunity.
> Write and call your legislators to
> complain about this injustice.
> You could be next!
>
> ---
> Submissions milsurplus@...
>

---
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# 192. Re: [armyradios] Items for Sale

Yahoo group: T-368_BC-610
Date: 1999-12-30 20:39:00 UTC
From: Joe Foley
Topic: 192  Message: 192

Yeah, do not contact me either, um,... I think its
the "GROSSMANCR" guy you're dealing with.

Joe

--- Ronald Reams <wa4mjf@...> wrote:
> F Y I, do not contact me, contact the lister.
>
> Happy Holidaze!
>
> Ronnie
>
> _____
> ----- Original Message -----
> From: <GROSSMANCR@...>
> To: <Milsurplus@...>
> Sent: Thursday, 30 December, 1999 15:02
> Subject: [MilSurplus] Items for Sale
>
>
> > The following is a list of military gear that
> I have pulled out of
> > storage so far. There is a few more pieces I
> haven't gotten to yet.
> Also, if
> > there is any interest in old broadcast radios,
> test equipment, tubes,
> parts,
> > CBs, speakers, crystals, old cameras, etc., let me
> know through email
> and not
> > on this military surplus list.
> > Its all for sale. Make your best offer --
> don't ask me what I'm
> asking.
> > You're welcome to come look if you're in the area.
> Just call first,
> or make
> > a sked on the air.
> >
> > Chuck Grossman
> > 825 Percy Warner Blvd
> > Nashville, TN 37205
> > WB4LBE
> > 615 -356 - 1493

> >
> > Model RAL Radio Receiver, Type CND - 46156
> > Type PP - 380/U, Rectifier Power Supply, for use
> with TCS equipment
> > Aircraft Radio Receiving Equipment, Model RU-17,
> Ser# 3727, Type cw
> 46051A
> > Mounting FT-506, Ser# 5079 (2 of them)
> > Model ABA-1 Radio Trans. and Rcvr Equip. Type
> CG-43AAG on mounting
> bracket
> > J-68/ARC-e with 2 dynamotors Type DY-21, DY-22 (2
> of 'em)
> > Control Box C-118/AR3 A167
> > BC-610 coils
> > BC-610 tuning units
> > BC-610 crystals in metal case, total of 35.
> Missing last one.
> > Signal Generator SG15/PCM, Carrying Case
> CY-712/PCM
> > Signal Generator TS-452B/U and carrying case
> > Frequency Meter BC 221-J 125 to 20,000 kc Ser#
> 677
> > BC 605D
> > Cable Detecting Equip Mod OBB
> > Rectifier RA 120 Pro Electronics
> > Radiac Set AN/PDR-27F with 2 2k25 tubes
> > Freq Meter on sq mount BC-221-AK and calibration
> book MC177AK
> TS-164/AR
> > Type CRV 46151 Aircraft Radio Rcvr RCA
> > Radio Rcvr BC 652A
> > Radio Control Box BC-451-A in original box W E
> new
> > Receiver R394/U Motorola
> > T-478/ART-13 110D/878
> > BC 684 B XTRM in box
> > BC 348R DM 28Q, no case
> > BC 348R Missing VT70,86,152,86,91 tubes
> > BC 348R Missing VT93,152,70 tubes 28 volts
> > BC 659 (2)
> > BC 620
> > CND-20131 Rectifier power supply, unit of RAK-7 &
> RAL-7
> > LS 166/U Loudspeaker
> > R-77/ARC-3 (2)
> > T-67/ARC-3
> > T-67B/ARC-3
> > T-452/ARC-49
> > R-608/ARC-49

> > CAY-23219 Pilots Control Box missing some parts
> > Radar Tubes?? W5/2G (3) W5/4G (1)
> > Antenna Tuning Unit BC-306A
> > BC-367 Interphone amplifier
> > RT 196 - PRC 6 (Pair)
> > BC 611F (1)
> > EE-8 phones, 2 canvas, 1 leather, 1 no cover
> > PRC 25 (3) with 2 antennas for each
> > Type CRV-46148-D, unit of model RBC-5
> > Type CRV-20130-B, Rectifier Power Unit (for above)
> > Model May trans/rcvr CRP-43071 in footlocker with
> 2 AS-408/U antennas,
> 1 CY-
> > . 591/U Crystal case with
> crystals, 1 case of
> coils
> > Test meter TS 80/U
> > Two Receivers AN/TRR-8 with CY-191 case and also
> canvas cover.
> Receiver also
> > has R-104/TRR-8 on front plate. Dial
> has 6 bands from .100
> to
> > 65.mc
> > One receiver has extra set of tubes.
> Both have diagrams in
> covers.
> >
> > There are boxes of manuals, books, catalogs,
> magazines, QSTs, CQs.
> 73s, Radio
> > and many more with military articles. But it will
> take another month
> to go
> > through.
> >
> > ---
> > Submissions milsurplus@...
>
>
>
---
> For current radio net info, see the bi-weekly net
> announcement which is sent to you via e-mail.
>
> The net schedule can also viewed at any time,
> by going to:
>
>
<http://www.onelist.com/files/armyradios/ARMYNETS.TXT>

>
> Community email addresses:
> Post message: armyradios@onelist.com
> Subscribe: armyradios-subscribe@onelist.com
> Unsubscribe: armyradios-unsubscribe@onelist.com
> List owner: armyradios-owner@onelist.com
>
> Shortcut URL to this page:
> <http://www.onelist.com/community/armyradios>
>
>
<HR>
<html>
>

_____
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http://messenger.yahoo.com

# 193. Ok,...I see it now.

Yahoo group: T-368_BC-610
Date: 1999-12-30 23:06:05 UTC
From: Joe Foley
Topic: 193  Message: 193

That's what I get for replacing it without thinking
about it!!

There's NO reason why this T-368 needs 10 gauge wire
on the 3B28's especially when the primary is fed with
14 gauge. It could have been 18.

NOW the question is:

WHHHYYY! did someone go to the trouble to put that in
there? It just barely fits!! DUH!! ( On me, too!)

Joe

_____
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# 194. Re: [BoatAnchors] Still cleaning out

Yahoo group: T-368_BC-610
Date: 2000-01-01 21:31:59 UTC
From: Joe Foley
Topic: 194  Message: 194

To Bill, not me.

--- Bill Shaw <w2hyn@...> wrote:
> Got some more goodies to get rid of that are just
> taking up room here:
>
> 1- Western Electric Vacuum cap 50mmf @5KV - snap in
> type $5 plus $3.20
> shipping
> 1- GE Vacuum cap 100mmfd at least 5KV (GL 1L33)-
> snap in type $5 plus $3.20
> shipping
> 1- Brand new still in original box National R175A
> Transmitting RF choke -
> with 1954 QST article describing it in box $20 plus
> $3.20 shipping
> 4- Delay Relays 115NO120 octal base not in box but
> believe they were
> new...make offer...plus $3.20 shipping
> 1- Delay Relay 115NO180 octal base new in box...make
> offer... $3.20 shipping
> Please respond to my email address. Thanks Bill
> W2HYN
>
>
> ---
> Submissions boatanchors@...
>

---------------------------------------------------
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# 195. Verification, please?

Yahoo group: T-368_BC-610
Date: 2000-01-04 02:09:56 UTC
From: Joe Foley
Topic: 195  Message: 195

Can someone look at page 20 of the -35 manual for the
T-368 and verify that if the 6C4 driver is shorted
from pin 1,5 to pin 7 that 125 mA will be drawn
through the primary of "T-6" causing a large voltage
to be induced in the secondary which could possibly
take out both if the primary lasted long enough.

Thanks,

Joe

---------------------------------------------------
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http://messenger.yahoo.com

# 196. Re: Verification, please?

Yahoo group: T-368_BC-610
Date: 2000-01-04 03:39:22 UTC
From: W7QHO@xxx.xxx
Topic: 195  Message: 196

I get about 52 ma. With a dead plate to cathode short in V15 you would have R46 (2400 ohms) in series with the primary of T6 (450 ohms) in series with R40 (2000 ohms) across 250 volts. The total resistance then is 4850 ohms which gives a current of 250/4850 = .0515 amp.

Is this enough to take out both the primary and the sec. of T6? Maybe if it ran that way long enough, but you would probably smoke R40 and R46 first as both would be dissapating more than 5 watts each. At the same time, only about a watt would be dissapated in the primary of T6.

Dennis D. W7QHO

# 197. Re: Verification, please?

Yahoo group: T-368_BC-610
Date: 2000-01-04 04:03:18 UTC
From: Joe Foley
Topic: 195  Message: 197

That's how my "T-6" failed and so far the only problem
that I can find is the shorted 6C4.

Does that sound likely to you?

Thanks,

Joe

--- W7QHO@... wrote:
> I get about 52 ma. With a dead plate to cathode
> short in V15 you would have
> R46 (2400 ohms) in series with the primary of T6
> (450 ohms) in series with
> R40 (2000 ohms) across 250 volts. The total
> resistance then is 4850 ohms
> which gives a current of 250/4850 = .0515 amp.
>
> Is this enough to take out both the primary and the
> sec. of T6? Maybe if it
> ran that way long enough, but you would probably
> smoke R40 and R46 first as
> both would be dissapating more than 5 watts each.
> At the same time, only
> about a watt would be dissapated in the primary of
> T6.
>
> Dennis D. W7QHO
>

_____
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http://messenger.yahoo.com

# 198. Re: Verification, please?

Yahoo group: T-368_BC-610
Date: 2000-01-04 04:42:55 UTC
From: W7QHO@xxx.xxx
Topic: 195  Message: 198

You wrote:

>That's how my "T-6" failed and so far the only problem
>that I can find is the shorted 6C4.

>Does that sound likely to you?

We've talked about this problem before. Possible, I guess but unlikely. What bothers me is the secondary being zorched too. Failure modes are hard to predict and explain, but guess I would still suspect some kind of a flashover/short on the 4-125 side of T6 sometime in the past. Enough power on that side of the circuit to do the kind of damage you've got there. Also, as you've mentioned, you don't know for sure if your speech amp is original.

Dennis D. W7QHO

# 199. AM-141(*)/MRC

Yahoo group: T-368_BC-610
Date: 2000-01-05 03:30:07 UTC
From: 903608
Topic: 199  Message: 199

Hello, I just learned of an AM-141 which is a RF amplifier used as a 2kw amp with the BC-610. As I understand it, This amp was used for CW emergency communications only. It seems to have been part of Radio Set AN/MRC-2(*). Does anyone have any information on these units ? I would like to find one if possable. I am still searching for a JB-70. ynx, Ron KC4UPO

# 200. AN/MRC-2

Yahoo group: T-368_BC-610
Date: 2000-01-05 06:55:17 UTC
From: W7QHO@xxx.xxx
Topic: 200  Message: 200

From TM 11-487A

The AN/MRC-2 was a high powered, mobile, radioteletypewriter station for division, army and corps levels and was used particularly in fluid stages of operations to replace normal fixed plant equipment for administative circuits. The complete set was entirely mobile, requiring three or four 2 1/2 ton 6X6 cargo trucks.

The transmitting shelter (HO-17) contained a BC-610E transmitter, an AN-141/MRC high powered amplifier, rectifier unit RA-63-C, an O-39/TRA-7 FSK exciter and an SCR-211 frequency meter. The system was designed primarily to transmit frequency shift teletypewriter signals. It could be used in emergencies for full power CW, or CW and AM voice using the BC-610 alone.

Output - 2 KW fsk and CW (see above), 1.5 - 18 mHz in 6 bands.

The system used BC-342s receivers modified for diversity reception. These caried the nomenclature OA-65/MRC-2.

Dennis D. W7QHO

# 201. Fair Lady has been at it for 34 years!!

Yahoo group: T-368_BC-610
Date: 2000-01-06 03:08:38 UTC
From: Joe Foley
Topic: 201  Message: 201

Check the Fair Radio webpage, the lady who answers the
phone has been at it since 1966!!

www.fairradio.com

What a record!

Thanks, Karen!!

Joe

---
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# 202. Center section for dipole antenna

Yahoo group: T-368_BC-610
Date: 2000-01-10 02:12:42 UTC
From: Joe Foley
Topic: 202  Message: 202

Hi

Fair Radios got a dipole center section on their
webpage called an "Il-4/GRA-4". Its in the products
section under antenna stuff.

Does it look like something you'd use for 400 watts?

What are you guys using?

Thanks,

Joe

_____
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# 203. Re: [armyradios] US Radio Crystals

Yahoo group: T-368_BC-610
Date: 2000-01-10 15:21:33 UTC
From: Joe Foley
Topic: 203  Message: 203

Reply to Tim Bell in the UK:

--- Bob - W7AVK <rsrolfne@...> wrote:
> From: Bob - W7AVK <rsrolfne@...>
>
> Tim - The BC-610 was a transmitter. Several models
> starting about the
> late 1930s and going well into the late 50's.
> Originally based on the
> Hillicrafters model HT-4. It ran about 400 watts CW
> or AM [later RTTY]
> to a 250 TL or TH triodes, modulated by a pair of
> 100THs. Have plug in
> coils and frequency determining elements or TU
> something or other. It
> normally was in a 2.5 ton truck mounted hut. Lots
> and lots of them
> were used by hams for years.
>
> Good luck
>
> 73''s Bob W7AVK
>
> Tim Bell wrote:
>
> > From: "Tim Bell" <tcb@...>
> >
> > Hi List
> >
> > Happy New year
> >
> > I would appreciate some assistance identifying 3
> US Army crystals I
> > recently
> > acquired... details as follows:
> >
> > Crystal Holder
> > FT 171 - B
> > Channel "blank"
> > Start Freq -2442.5 KC
> > In BC 610
> > Order No: "blank"
> > Signal Corps US Army
> > Quartz Lab Inc, Kansas City, MO
> > SC6164

> >
> > Can anyone tell me what wireless set these
> crystals are for?
> > My guess is they plug into an American infantry
> wireless unit, similar
> > to
> > the British WS46... Am I close?
> >
> > Many thanks
> >
> > Tim
> >
> >
>
---
> > [ONElist Sponsor]
> > Please click above to support our
> sponsor
> >
>
---
> > For current radio net info, see the bi-weekly net
> > announcement which is sent to you via e-mail.
> >
> > The net schedule can also viewed at any time,
> > by going to:
> >
> >
>
<http://www.onelist.com/files/armyradios/ARMYNETS.TXT>
> >
> > Community email addresses:
> > Post message: armyradios@onelist.com
> > Subscribe: armyradios-subscribe@onelist.com
> > Unsubscribe: armyradios-unsubscribe@onelist.com
> > List owner: armyradios-owner@onelist.com
> >
> > Shortcut URL to this page:
> > <http://www.onelist.com/community/armyradios>
> >
>
> For current radio net info, see the bi-weekly net
> announcement which is sent to you via e-mail.
>
> The net schedule can also viewed at any time,
> by going to:
>
>
<http://www.onelist.com/files/armyradios/ARMYNETS.TXT>
>

> Community email addresses:
> Post message: armyradios@onelist.com
> Subscribe: armyradios-subscribe@onelist.com
> Unsubscribe: armyradios-unsubscribe@onelist.com
> List owner: armyradios-owner@onelist.com
>
> Shortcut URL to this page:
> <http://www.onelist.com/community/armyradios>
>
>

---
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# 204. T-368 HV Female Interlock

Yahoo group: T-368_BC-610
Date: 2000-01-12 20:43:59 UTC
From: Hagan, Reid J
Topic: 204  Message: 204

I have need for one female HV Interlock for completion of my T-368 restoration project. I was able to get one from the stock-at-hand at Fair Radio about a month ago (at a good price of only a couple of dollars). Would anyone on the reflector have a spare available?

Thanks for any help!

73, Reid W2HU

# 205. Re: T-368 HV Female Interlock

Yahoo group: T-368_BC-610
Date: 2000-01-12 23:57:54 UTC
From: Joe Foley
Topic: 204  Message: 205

--- "Hagan, Reid J" <reid.j.hagan@...> wrote:
> I have need for one female HV Interlock for
> completion of my T-368
> restoration project. I was able to get one from the
> stock-at-hand at Fair
> Radio about a month ago (at a good price of only a
> couple of dollars).
> Would anyone on the reflector have a spare
> available?
>
> Thanks for any help!
++++++++++++++++++
Time to go hunting!!!

I've got this list that's too big for me to do myself,
hows 'bout some help? We're looking for T-368, BC-610
parts.

slipsky@...
mpmradio@... (could be mdmradio)
71333.144@...
surplusben@...
kc5ijd@...
sauder@...
fenton@...
purchrad@...
mike@...
k0pv@...
compassnj@...
leefrank@...
etgreeley@...
tvcom1guy@...

Baran's in Pa. 717-779-0439 or 717-779-2725
Dave Bertman 503-223-5295
Larry, Utica, NY 334-735-6474

Just for a starter,

Joe

_____
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# 206. delete

Yahoo group: T-368_BC-610
Date: 2000-01-17 16:36:05 UTC
From: Joe Foley
Topic: 206  Message: 206

---
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http://im.yahoo.com

# 207. T-368 F FOR SALE!!!

Yahoo group: T-368_BC-610
Date: 2000-01-18 17:48:45 UTC
From: Joe Foley
Topic: 207  Message: 207

This was on the AM Window BBS. This T-368 is located in Western New York state, near Buffalo. Send E-mail to Bruce. Too bad I don't have any money,...ARGH!

Joe

Posted by Bruce KG2IC on January 18, 19100 at 11:13:05:

I have my T368F transmitter for sale. This is the restored one that we used at several of the local hamfests. Complete with manual and spares. $1350

For sale also, a large number of T368 parts that I have been stockpiling over the past 3 years. Exciters, 6000 tubes, xformers, power supply deck, speech amps, relays, etc.

Reply via email kg2ic@...

Tnx!

---

_____
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# 208. MRCG 2000

Yahoo group: T-368_BC-610
Date: 2000-01-19 20:20:41 UTC
From: W7QHO@aol.com
Topic: 208  Message: 208

Military Radio Collectors Group 2000 Meeting
---

The fifth annual meeting of the Military Radio Collectors Group (MRCG) will be held at Camp San Luis Obispo (CA) on Friday and Saturday, 5/6 May 2000.

Friday will be devoted to equipment setup, operating events and informal get-togethers at the NCO club and the adjacent RV area. Those wishing to set up and operate at the event may do so under their own calls. Suggested frequencies are 3885, 3970 and 7293 kHz for AM, 3996 and 7296 kHz for USB and 29.6 and 51.0 mHz for FM.

The swap meet starts Saturday at sunup in the parking area adjacent to the NCO club, and the formal program will begin at 0900. Speakers this year will address WW-2 Japanese and German equipment, pre WW-2 government radio intercept activities, and the newer generation of military radios now becoming available through surplus channels.

A BBQ lunch will be served at midday Saturday (as in previous years).

Throughout the meet numerous examples of vintage equipment will be in operation and on display.

For additional information contact Dennis DuVall, W7QHO, (818)240-7907, w7qho@..., or Hank Brown, W6DJX, (661)943-2027. As the meeting date approaches, look for additional announcements of general interest.

# 209. Parts Hunting List

Yahoo group: T-368_BC-610
Date: 2000-01-20 01:05:01 UTC
From: Joe Foley
Topic: 209  Message: 209

This is a list of radio parts and surplus dealers that
I found on the internet. Its too long for me to work
with so I'm going to ask for your help. Grab an
address and post what you find.

slipsky@...

mdmradio@...

71333.144@...

surplusben@...

fenton@...

purchrad@...

mike@...

compassnj@...

k0pv@...

leefrank@...

etgreeley@...

tvcom1guy@...

radio@...

baran's in Pa. 717-779-0439 or 2725

Dave Bertman 503-223-5295

Larry Utica, NY 334-735-6474

Happy hunting,

Thanks,

73

Joe

---
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http://im.yahoo.com

# 210. T-368 Questions

Yahoo group: T-368_BC-610
Date: 2000-01-24 19:19:14 UTC
From: Hagan, Reid J
Topic: 210  Message: 210

Does anyone have the exact gap measurement to be used in setting the spark gap setting on the T-3 Mod transformer? The manual doesn't seem to list it, or I am just missing it in my readings.

Also: Does anyone have a source for the external (male 9-pin) plug that mates up with the remote operation jack on the back of the T-3?

Thanks and
73,

Reid
W2HU

# 211. spark gap measurement

Yahoo group: T-368_BC-610
Date: 2000-01-24 19:42:28 UTC
From: Joe Foley
Topic: 211  Message: 211

> 
> --- "Hagan, Reid J" <reid.j.hagan@...> wrote:
> > Does anyone have the exact gap measurement to be
> > used in setting the spark
> > gap setting on the T-3 Mod transformer? The
> manual
> > doesn't seem to list it,
> > or I am just missing it in my readings.
> ++++++++++++
> Its listed on the side of the xfmr, I'll look in the
> book just to check.

> >
> > Also: Does anyone have a source for the external
> > (male 9-pin) plug that
> > mates up with the remote operation jack on the
> back
> > of the T-3?
> ++++++++
> Fair Radio has some.
> 
> Joe

_____
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# 212. Deck Fasteners

Yahoo group: T-368_BC-610
Date: 2000-02-03 20:19:21 UTC
From: mark.donaldson@spke.com
Topic: 212  Message: 212

Does anybody know of a source for the 3/8" bolts and captive nuts used to fasten the main decks of the T-368 into the cabinet, mine is missing the Deck bolts and cabinet mounted captive nuts.

Mark Donaldson WA1QHQ

# 213. Re: [MilSurplus] New Reference Documents on the site.

Yahoo group: T-368_BC-610
Date: 2000-02-05 23:53:04 UTC
From: Joe Foley
Topic: 213  Message: 213

Hmm,..... maybe a BC-610 manual in there.

--- Dexter Francis <cwest@...> wrote:
> Greetings all -
>
> From time to time there are requests for information
> about what control
> boxes or
> coil sets were used with particular pieces of
> equipment. I have just
> put two
> .pdf files into the reference section of the site
> that should help.
> They are
> taken from the July 1944 Aviation Supply Office
> Catalog and are the
> sections on
> Control Boxes, Coil Sets and Dynamotors.
>
> The Dynamotor and Coil Sets file are 1 MB each and
> the Control Box file
> is nearly 3 MB, but they
> cover a lot of radios.
>
> -df
>
> Please visit the Southern Utah Air Museum
> sites at:
> www.suam.org - www.AircraftPix.com -
> www.AirplaneArt.com
> For B/A Electronics -
> www.xmission.com/~cwest/
>
> ---
> Submissions milsurplus@...
>

---
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http://im.yahoo.com

# 214. BC-610 Tuning coil on E-bay

Yahoo group: T-368_BC-610
Date: 2000-02-06 01:29:09 UTC
From: Joe Foley
Topic: 214  Message: 214

Heads up!

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=253965128

_____
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http://im.yahoo.com

# 215. T-368 transformer needed!

Yahoo group: T-368_BC-610
Date: 2000-02-06 17:18:45 UTC
From: Phil Mills
Topic: 215  Message: 215

I'm looking for T1 for the RF deck of my T-368. This is the filament transformer that provides 5 volts for the 4-400, 26.5 volts, and 6.3 volts for the exciter. While I can certainly cobble together 3 transformers to make this thing work, I would prefer to have an original transformer. If you have one you can part with, please e-mail me directly at plmills@....

thanks & 73,
Phil
W5BVB (ex AB5TH)

# 216. Re: [MilSurplus] Stuff for trade/sale

Yahoo group: T-368_BC-610
Date: 2000-02-06 22:31:25 UTC
From: Joe Foley
Topic: 216  Message: 216

--- Ron Lamb <wb7vdn@...> wrote:
> I have for sale or trade, the following pieces of
> military equipment.
>
> 1 ea. GRC-106A - RT-834 Missing 1 module and the
> large tuning drive gear
> underneath. AM-3349 is missing all meters. Comes
> with MT-3140 radio mount
> and a power connector with pigtail for each unit.
>
> 1 ea. GRC-106A - RT-834 complete as far as I can
> tell. AM-3349 is missing
> the
> tuning meter in the center. Comes with MT-3140
> radio mount, the dog-bone
> interconnect cable, and a power connector with
> pigtail for each unit.
>
> 2 ea. PU-724/A 400 Watt, 28 Volt power inverters.
> 120 Volt/60 Hz output.
> Working. Has a standby connection on terminal
> strip. A switch closure
> across
> these terminals force the inverter into standby mode
> until the switch opens.
>
> 2 ea. AN/UGC-74B Tactical Teletype unit. Has
> covers. Not tested. I only
> have a couple cables for it. The unit is heavy
> (100#).
>
> 2 ea. MD-522 Teletype modems. Untested. Removed
> from GRC-142 commo
> shelter.
> Comes with power connector with a pigtail.
>
> 1 ea. Harris RF-5466 Tactical data modem. I don't
> know if it works. I
> applied power and it completed a self test but
> readout said it couldn't find
> a secure device.
>
> 1 ea. Antenna tuning unit for a T-368 transmitter.
> It is rusty and dented.
> It is missing the fixed vacuum cap and the RF

> ammeter. It is in pieces
> right now so there may be
> some screws missing.
>
> 2 ea. RF drawers for a T-368 Transmitter. They are
> is real sorry shape. I
> rescued them from a trash dump. They are covered
> with the residue of mud
> and red smoke. (they at one time
> were used in some EOD simulations and several red
> smoke grenades were set
> off in the
> shelter they were mounted in.) One has the vacuum
> variable cap. I also
> have a coupe of
> the 4D21 finals in good shape. One plate
> transformer and what I think is
> the
> modulation transformer.
>
> I am looking for an operational YAESU FT-101-E
> series transceiver. It need
> not be pretty but it should work.
>
> Also, I am looking for an RT-1004 receiver to
> complete my AN/GRC-109 set.
>
> Buyer pays shipping.
>
> Offers anyone????
>
> I'll have so picture up on my web page tomorrow.
> http://fly.hiwaay.net/~wb7vdn/
> Reply to wb7vdn@...
>
>
>
>
>
>
>
>
>
> ---
> Submissions milsurplus@...
>

---------------------------------------------------
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# 217. Re: [MilSurplus] Stuff for trade/sale

Yahoo group: T-368_BC-610
Date: 2000-02-09 01:59:03 UTC
From: Joe Foley
Topic: 216  Message: 217

> I have others interested but:
>
> I was thinking of about $200 for both of them and
> the tubes.
>
> I am in huntsville, AL. zip 35803.
>
>
> Ron Lamb
> WB7VDN
> ----- Original Message -----
> From: Joe Foley <redmenaced@...>
> To: Ron Lamb <wb7vdn@...>
> Sent: Saturday, February 05, 2000 10:42 AM
> Subject: Re: [MilSurplus] Stuff for trade/sale
>
>
> >
> >
> > > 1 ea. Antenna tuning unit for a T-368
> transmitter.
> > > It is rusty and dented.
> > > It is missing the fixed vacuum cap and the RF
> > > ammeter. It is in pieces
> > > right now so there may be
> > > some screws missing.
> > >
> > > 2 ea. RF drawers for a T-368 Transmitter. They
> are
> > > is real sorry shape. I
> > > rescued them from a trash dump. They are
> covered
> > > with the residue of mud
> > > and red smoke. (they at one time
> > > were used in some EOD simulations and several
> red
> > > smoke grenades were set
> > > off in the
> > > shelter they were mounted in.) One has the
> vacuum
> > > variable cap. I also
> > > have a coupe of
> > > the 4D21 finals in good shape. One plate
> > > transformer and what I think is
> > > the

> > > modulation transformer.
> > ++++++++
> > HI, Ron,
> >
> > Dibs on the T-368 stuff!! How much?
> >
> > Joe

_____
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# 219. Mod Transformer

Yahoo group: T-368_BC-610
Date: 2000-02-10 01:29:42 UTC
From: Joe Foley
Topic: 219  Message: 219

Ooh! Ooh! L@@K!!

Its on E-bay!

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=255283111

Joe

---
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http://im.yahoo.com

# 220. FS TV-7 Tube Testers

Yahoo group: T-368_BC-610
Date: 2000-02-10 02:08:31 UTC
From: Joe Foley
Topic: 220  Message: 220

I saw FOUR of these for sale on E-bay! If anyone's
interested.

Joe

---
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http://im.yahoo.com

# 221. Interesting site?

Yahoo group: T-368_BC-610
Date: 2000-02-10 04:06:29 UTC
From: Joe Foley
Topic: 221  Message: 221

http://www.amerind.com/gallery/cbt/neets.htm#neets3

_____
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http://im.yahoo.com

# 222. From the R-390 list archive 1998

Yahoo group: T-368_BC-610
Date: 2000-02-11 01:25:46 UTC
From: Joe Foley
Topic: 222  Message: 222

Just something to think about....

From: "Thomas A. Adams" <103360.2133@...>
Date: Sun, 15 Mar 1998 23:12:24 -0500
Subject: [R-390] PTOs for T-368 and T-195/GRC-19
Message-ID:
<199803152315_MC2-36CD-C9E1@...>

Greetings, Troops.

I recently came into the an deck from a T-368 (the
companion transmitter
for the R-390 / R-390A). Its Collins design pedigree
is abundantly obvious
to anyone who has ever seen the guts of an R-390!
<grin> When a power
supply and driver stage, a single 4-65A, are added (no
type 6000 tube; its
been replaced by a 6AU5), this thing should make an
excellent exciter for
the 4-1000A CW / AM transmitter I've been building,
off and on, for far too
long. The design of this thing should give a VERY
clean CW keying, what
with all the buffering, the grid block keying system,
and the fact that the
PTO itself isn't keyed.

Chirp??? What's that??? Never heard of it!!! <grin>

The electrical similarities between the T-368 and
T-195/GRC-19 PTO
assemblies are striking; except for the addition of a
simple grid block
keying circuit in the T-195 unit, they appear to be
identical PTOs.

Something occurred to me during the initial
examination of the T-368
exciter; we're seeing a lot of "second source",
non-Collins PTOs in the
R-390 / 390A receivers (Cosmos, Motorola, etc.). Has
anyone here ever seen
a second source PTO in a T-368 or T-195? This T-368
PTO I have is clearly a
Collins unit, as is the one in my T-195.

Also, a question for the T-368 owners / users out
there.

As you know, the top band of the exciter covers 12,000
- 20,000 KHz, even
tho the available PTO excitation covers 12,000 -
24,000 KHz. Has anybody
out there tried to realign or modify Z-105, Z-106, and
Z-110 to provide
excitation for the full 12 - 24 MHz range? If so, was
the attempt
successful?

Even tho the military (especially the Army) gets a bit
strange about the
traditional assignment of HF frequencies above 20 MHz
(dividing it into
overlapping bands assigned to FM use by armor,
infantry, and artillery
field sets), I really have a problem understanding the
wisdom of specifying
a design that cuts off 4 MHz of transmitter coverage
from the T-368.

73's,

Tom,
W9LBB

---
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http://im.yahoo.com

# 223. This list

Yahoo group: T-368_BC-610
Date: 2000-02-14 05:22:19 UTC
From: Joe Foley
Topic: 223  Message: 223

Sorry,

For some reason I didn't get any notices of new subscribers after the first of the year,..... lingering Y2K problem? Must be. Four guys were waiting, one since 1/7/00. Oops on my part, I should check more often.

Anyway there are 40 subscribers to this list now!!

So far there hasn't been any sign of any parts dealers for either transmitter, that's not good. Looks like we're it for now.

Even the auction sites don't have parts showing up very often, I'll post them when I find them. Hope someone snagged that BC-614 Speech Amp on E-bay, looked like a clean one. Also a mod transformer for a T-368, but its up to $60. Fair Radio still has the chimneys for the 4-400's with the bases. The list of addresses I sent out turned up empty with most being dead/old addressses, not even one return.

Later,

Joe

---
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# 224. Tube tester adapters

Yahoo group: T-368_BC-610
Date: 2000-02-15 19:44:38 UTC
From: Joe Foley
Topic: 224  Message: 224

Hi,

I've got a tube socket adapter that looks like it is
to adapt loctals to octals, it has one wire extending
off the side with what looks like a plate cap. The
only identifying labels on it are "JFD 72 AG", can
anyone identify this thing? Any details?

I'm looking for an adapter for Compactrons to plug
into an octal socket, I'm told to look for a Hickok
CA-4, any sources? How many variations of Compactrons
are there? I have nine and twelve pin based ones.

I'd like to test them in a TV-10D/U.

Thanks,

Joe

---------------------------------------------------
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# 225. BC-610 meters on that E-pay thing

Yahoo group: T-368_BC-610
Date: 2000-02-18 03:23:56 UTC
From: Joe Foley
Topic: 225  Message: 225

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=262747042

_____
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http://im.yahoo.com

# 226. something of note onEeeeeebay

Yahoo group: T-368_BC-610
Date: 2000-02-18 12:35:37 UTC
From: Mark Foltarz
Topic: 226  Message: 226

heh.

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?viewItem&item=263261465

it must be oe of the "lightened" version of the BC610
at only 250 lbs. HI

---

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http://im.yahoo.com

# 227. Re: something of note onEeeeeebay

Yahoo group: T-368_BC-610
Date: 2000-02-18 15:59:29 UTC
From: Jack Taylor
Topic: 226  Message: 227

Interesting, the offeror obviously intends this unit for the US audience. Is that what a BC-610H *really* looks like? The picture in my TM is of the BC-610I model and the front panel layout is notibly different. 73 de Jack -----Original Message----- From: Mark Foltarz To: t-368_bc-610@onelist.com Date: Friday, February 18, 2000 5:35 AM Subject: [T-368_BC-610] something of note onEeeeeebay >From: Mark Foltarz > >heh. > >http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?viewItem&item=263261465 > > >it must be oe of the "lightened" version of the BC610 >at only 250 lbs. HI >_____ >Do You Yahoo!? >Talk to your friends online with Yahoo! Messenger. >http://im.yahoo.com > >---------- ONElist Sponsor ---------- > >GET A NEXTCARD VISA, in 30 seconds. Get rates as low as 0.0 percent >Intro or 9.9 percent Fixed APR and no hidden fees. Apply NOW. >Click Here (http://clickme.onelist.com/ad/NextcardCreative5SR) > >---------- > > >

# 228. Re: something of note onEeeeeebay

Yahoo group: T-368_BC-610
Date: 2000-02-18 16:15:08 UTC
From: plmills@attglobal.net
Topic: 226  Message: 228

Jack, Yes, it is what a BC-610H looks like.....except for what appears to be some kind of VFO dial added in the upper right corner of the front panel. Also, I suspect 400 pounds is closer on the weight. 73, Phil W5BVB Jack Taylor wrote: > > From: "Jack Taylor" > > Interesting, the offeror obviously intends this unit for the US > audience. > Is that what a BC-610H *really* looks like? The picture in my TM is > of the > BC-610I model and the front panel layout is notibly different. > > 73 de Jack > > -----Original Message----- > From: Mark Foltarz > To: t-368_bc-610@onelist.com > Date: Friday, February 18, 2000 5:35 AM > Subject: [T-368_BC-610] something of note onEeeeeebay > > >From: Mark Foltarz > > > >heh. > > > >http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?viewItem&item=263261465 > > > > > >it must be oe of the "lightened" version of the BC610 > >at only 250 lbs. HI > >_____ > >Do You Yahoo!? > >Talk to your friends online with Yahoo! Messenger. > >http://im.yahoo.com > > > >---------- ONElist Sponsor > ---------- > > > >GET A NEXTCARD VISA, in 30 seconds. Get rates as low as 0.0 percent > >Intro or 9.9 percent Fixed APR and no hidden fees. Apply NOW. > >Click > Here (http://clickme.onelist.com/ad/NextcardCreative5SR) > > > >---------- > > > > > > > > > > > ---------- > [ONElist Sponsor] > Please click above to support our sponsor > ---

# 229. Re: something of note onEeeeeebay

Yahoo group: T-368_BC-610
Date: 2000-02-18 18:03:04 UTC
From: Jack Taylor
Topic: 226  Message: 229

Yupper 401 lbs is what the manual gives for weight. Thanks for confirming the front panel layout for the H version. Too bad about the VFO mod and appears the speach amp and antenna tuner isn't included. Be interesting to see what the unit ends up selling for. 73 de Jack -----Original Message----- From: plmills@... To: Jack Taylor Cc: t-368_bc-610@onelist.com Date: Friday, February 18, 2000 9:16 AM Subject: Re: [T-368_BC-610] something of note onEeeeeebay >Jack, > >Yes, it is what a BC-610H looks like.....except for what >appears to be some kind of VFO dial added in the upper >right corner of the front panel. Also, I suspect 400 pounds >is closer on the weight. > >73, Phil >W5BVB > >Jack Taylor wrote: >> >> From: "Jack Taylor" >> >> Interesting, the offeror obviously intends this unit for the US >> audience. >> Is that what a BC-610H *really* looks like? The picture in my TM is >> of the >> BC-610I model and the front panel layout is notibly different. >> >> 73 de Jack >> >> -----Original Message----- >> From: Mark Foltarz >> To: t-368_bc-610@onelist.com >> Date: Friday, February 18, 2000 5:35 AM >> Subject: [T-368_BC-610] something of note onEeeeeebay >> >> >From: Mark Foltarz >> > >> >heh. >> > >> >http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?viewItem&item=263261465 >> > >> > >> > >> >it must be oe of the "lightened" version of the BC610 >> >at only 250 lbs. HI >> >_____ >> >Do You Yahoo!? >> >Talk to your friends online with Yahoo! Messenger. >> >http://im.yahoo.com >> > >> >---------- ONElist Sponsor >> ---------- >> > >> >GET A NEXTCARD VISA, in 30 seconds. Get rates as low as 0.0 percent >> >Intro or 9.9 percent Fixed APR and no hidden fees. Apply NOW. >> >Click >> Here (http://clickme.onelist.com/ad/NextcardCreative5SR) >> > >> >---------- >> > >> > >> >> ---------- >> [ONElist Sponsor] >> Please click above to support our sponsor >> ---------- >

# 230. Re: something of note onEeeeeebay

Yahoo group: T-368_BC-610
Date: 2000-02-18 18:57:30 UTC
From: dan harlan
Topic: 226 Message: 230

Hey Guys, That tuner is needed to complete the "look" but it hides the view of the tantalum plate. At least on the E model. It doesn't look like the "new" ones had many "light ports" (read; cabinet ventilation) anyway. Just spent an enjoyable mid day on 40m with my "E". I'll upload a pix of it to my web page this weekend. http://www.ameritech.net/users/dharlan/dans.htm I have my CH-120-A and an SCR-299 MC-269-A with equipment's there now. It takes forever to load but worth a look if you are one of the 99.999997 percent of the population that never saw an MC-269-A with equipment's! Dan N8ETQ Cleveland, Ohio Jack Taylor wrote: > > From: "Jack Taylor" > > Yupper 401 lbs is what the manual gives for weight. Thanks for confirming > the front panel layout for the H version. Too bad about the VFO mod and > appears the speach amp and antenna tuner isn't included. Be interesting to > see what the unit ends up selling for. > > 73 de Jack > > -----Original Message----- > From: plmills@... > To: Jack Taylor > Cc: t-368_bc-610@onelist.com > Date: Friday, February 18, 2000 9:16 AM > Subject: Re: [T-368_BC-610] something of note onEeeeeebay > > >Jack, > > > >Yes, it is what a BC-610H looks like.....except for what > >appears to be some kind of VFO dial added in the upper > >right corner of the front panel. Also, I suspect 400 pounds > >is closer on the weight. > > > >73, Phil > >W5BVB > > > >Jack Taylor wrote: > >> > >> From: "Jack Taylor" > >> > >> Interesting, the offeror obviously intends this unit for the US > >> audience. > >> Is that what a BC-610H *really* looks like? The picture in my TM is > >> of the > >> BC-610I model and the front panel layout is notibly different. > >> > >> 73 de Jack > >> > >> -----Original Message----- > >> From: Mark Foltarz > >> To: t-368_bc-610@onelist.com > >> Date: Friday, February 18, 2000 5:35 AM > >> Subject: [T-368_BC-610] something of note onEeeeeebay > >> > >> >From: Mark Foltarz > >> > > >> >heh. > >> > > >> >http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?viewItem&item=263261465 > >> > > >> > > >> >it must be oe of the "lightened" version of the BC610 > >> >at only 250 lbs. HI > >> >_____ > >> >Do You Yahoo!? > >> >Talk to your friends online with Yahoo! Messenger. > >> >http://im.yahoo.com > >> > > >> >---------- ONElist Sponsor > >> ---------- > >> > > >> >GET A NEXTCARD VISA, in 30 seconds. Get rates as low as 0.0 percent > >> >Intro or 9.9 percent Fixed APR and no hidden fees. Apply NOW. > >> >Click > >> Here (http://clickme.onelist.com/ad/NextcardCreative5SR) > >> > > >> >---------- > >> > > >> > > >> > > >> > >> ---------- > >> [ONElist Sponsor] > >> Please click above to support our sponsor > >> ---------- > > > > ---------- ONElist Sponsor ---------- > > GET A NEXTCARD VISA, in 30 seconds. Get rates as low as 2.9 percent > Intro or 9.9 percent Fixed APR and no hidden fees. Apply NOW. > Click Here (http://clickme.onelist.com/ad/NextcardCreative4SR) > > ----------

# 231. Re: something of note onEeeeeebay

Yahoo group: T-368_BC-610
Date: 2000-02-18 19:20:12 UTC
From: Gary Pewitt
Topic: 226  Message: 231

Well the reserve is over 450 bucks. I bid on it 'cause I'm not having much luck finding a modulator deck for my 610-E. Hint Hint !!! 73 Gary gpewitt@... At 12:03 PM 2/18/2000 , Jack Taylor wrote: >From: "Jack Taylor" > >Yupper 401 lbs is what the manual gives for weight. Thanks for confirming >the front panel layout for the H version. Too bad about the VFO mod and >appears the speach amp and antenna tuner isn't included. Be interesting to >see what the unit ends up selling for. > >73 de Jack > >-----Original Message----- >From: plmills@... >To: Jack Taylor >Cc: t-368_bc-610@onelist.com >Date: Friday, February 18, 2000 9:16 AM >Subject: Re: [T-368_BC-610] something of note onEeeeeebay > > > >Jack, > > > >Yes, it is what a BC-610H looks like.....except for what > >appears to be some kind of VFO dial added in the upper > >right corner of the front panel. Also, I suspect 400 pounds > >is closer on the weight. > > > >73, Phil > >W5BVB > > > >Jack Taylor wrote: > >> > > From: "Jack Taylor" > >> > > >> Interesting, the offeror obviously intends this unit for the US > >> audience. > >> Is that what a BC-610H *really* looks like? The picture in my TM is > >> of the > >> BC-610I model and the front panel layout is notibly different. > >> > >> 73 de Jack > >> > >> -----Original Message----- > >> From: Mark Foltarz > >> To: t-368_bc-610@onelist.com > >> Date: Friday, February 18, 2000 5:35 AM > >> Subject: [T-368_BC-610] something of note onEeeeeebay > >> > >> >From: Mark Foltarz > >> > > > >> >heh. > >> > > > >> >http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?viewItem&item=263261465 > >> > > > >> > > > >> >it must be oe of the "lightened" version of the BC610 > >> >at only 250 lbs. HI > >> >_____ > >> >Do You Yahoo!? > >> >Talk to your friends online with Yahoo! Messenger. > >> >http://im.yahoo.com > >> > > > >> >---------- ONElist Sponsor > >> ---------- > > > >> >GET A NEXTCARD VISA, in 30 seconds. Get rates as low as 0.0 percent > >> >Intro or 9.9 percent Fixed APR and no hidden fees. Apply NOW. > >> >Click > >> Here (http://clickme.onelist.com/ad/NextcardCreative5SR) > >> > > > >> >---------- > > > > > >> > > > >> [ONElist Sponsor] > >> Please click above to support our sponsor > >> ---------- > > > > > >---------- ONElist Sponsor ---------- > >GET A NEXTCARD VISA, in 30 seconds. Get rates as low as 2.9 percent >Intro or 9.9 percent Fixed APR and no hidden fees. Apply NOW. >Click Here (http://clickme.onelist.com/ad/NextcardCreative4SR) > >---------- Gary Pewitt N9ZSV/KT gpewitt@... 6120 W. Calumet Rd. Apt. 204, Milwaukee, WI 53223 414 355 8147 home 414 297 4307 work Sturgeon's Law "Ninety percent of everything is crap."

# 232. Re: something of note onEeeeeebay

Yahoo group: T-368_BC-610
Date: 2000-02-19 04:50:33 UTC
From: Gene G. Beckwith
Topic: 226  Message: 232

Mark Foltarz wrote: > > From: Mark Foltarz > > heh. > > http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?viewItem&item=263261465 > > it must be oe of the "lightened" version of the BC610 > at only 250 lbs. HI > _____ > Do You Yahoo!? > Talk to your friends online with Yahoo! Messenger. > http://im.yahoo.com > > ---------- ONElist Sponsor ---------- > > GET A NEXTCARD VISA, in 30 seconds. Get rates as low as 0.0 percent > Intro or 9.9 percent Fixed APR and no hidden fees. Apply NOW. > Click Here (http://clickme.onelist.com/ad/NextcardCreative5SR) > > ---------- Mark, That weight is probably a miss type...its probably kg...about 2.2 times the state weight...which would be about right... 73, Gene

# 233. BC-614 on that E-pay thing

Yahoo group: T-368_BC-610
Date: 2000-02-21 00:21:44 UTC
From: Joe Foley
Topic: 233  Message: 233

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=265576927

_____
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# 234. TV-2 on that ugly auction thingie

Yahoo group: T-368_BC-610
Date: 2000-02-21 00:28:13 UTC
From: Joe Foley
Topic: 234  Message: 234

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=264959736

_____
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http://im.yahoo.com

# 235. BC-610 Crystals

Yahoo group: T-368_BC-610
Date: 2000-02-22 20:20:02 UTC
From: Joe Foley
Topic: 235  Message: 235

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=266644918

_____
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http://im.yahoo.com

# 236. URM-25D's

Yahoo group: T-368_BC-610
Date: 2000-02-22 20:27:15 UTC
From: Joe Foley
Topic: 236  Message: 236

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=266553360

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=266986701

Rare, hahaha, ........rare cover, hehehe

Now if they had the accessories, then MAYBE they could
say rare.

Joe

---
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http://im.yahoo.com

# 237. TV-7 tube tester

Yahoo group: T-368_BC-610
Date: 2000-02-22 20:33:43 UTC
From: Joe Foley
Topic: 237  Message: 237

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=266941368

_____
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# 238. Wattmeter

Yahoo group: T-368_BC-610
Date: 2000-02-22 20:35:46 UTC
From: Joe Foley
Topic: 238  Message: 238

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=266553360

_____
Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
http://im.yahoo.com

# 239. Re: URM-25D's

Yahoo group: T-368_BC-610
Date: 2000-02-23 18:17:29 UTC
From: tbigelow@pop.state.vt.us
Topic: 236  Message: 239

Heh, Joe -

That's JonWeener, he's one of the regular epay used car/insurance salesman types. You get to know the ones who are looking to hook some unsuspecting fool with words like 'RARE' or 'L@@K' and all that other rubbish. Bad enough you can't offer something for sale for your 'reserve' price and be done with it, but to insult people's intelligence is rather sickening.

I've seen RARE Hallicrafters S-38's and S-40B's on there, too. ;)

73 de Todd/'Boomer' KA1KAQ

Joe Foley wrote:

> From: Joe Foley <redmenaced@...>
>
> http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=266553360
>
> http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=266986701
>
> Rare, hahaha, ........rare cover, hehehe
>
> Now if they had the accessories, then MAYBE they could
> say rare.
>
> Joe
> _____
> Do You Yahoo!?
> Talk to your friends online with Yahoo! Messenger.
> http://im.yahoo.com
>
> ---
> Get what you deserve with NextCard Visa! Rates as low as 2.9%
> Intro or 9.9% Fixed APR, online balance transfers, Rewards Points,
> no hidden fees, and much more! Get NextCard today and get the
> credit you deserve! Apply now! Get your NextCard Visa at:
> http://click.egroups.com/1/913/0/_/_/_/951251169/
> ---

# 240. T-368 Audio Modifications --

Yahoo group: T-368_BC-610
Date: 2000-02-25 13:39:40 UTC
From: Hagan, Reid J
Topic: 240  Message: 240

I was wondering if anyone on the reflector has had any in-depth experience in modifying the audio in the
T-368? I know that there was some activity on this thread during the early days of the T-368 reflector, but I am interested in hearing about some of the actual results that have been finalized since that time. I guess that some of the more daring modifications are those presented by N9FOY and WA1HLR, but I haven't seen anything that resembles a "Product Review" type of feedback on either mod. Is the "good microphone, no clipping, no FL1 & FL2" the best way to go? Coupling capacitor changeout hasn't gotten much press as far as I can tell by my internet searching. I know that there are purists that want to keep the radios completely stock and I respect that choice very much, but I also know that most mods are really reversible unless considerable "drilling and blasting" was administered in the process.

Another question worthy of pursuit is usage of the multi-pin jack on the lower rear as a source of audio input. Any experience here? I guess I should round-off this query with another question that relates to usage of an equalizer with the T-3 and how it should be fed/connected. I have access to a Symetrix 528E Voice Processor and would like any suggestions as how to best make connections.
If there are any suggestions, hints, or comments, I feel that they would be beneficial to the group and would certainly "liven-up" the reflector.
Thanks in advance for any information.

73,

Reid
W2HU

# 241. Transformer for BC-610 on Ebay

Yahoo group: T-368_BC-610
Date: 2000-02-25 20:47:10 UTC
From: Joe Foley
Topic: 241  Message: 241

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=269275791

_____
Do You Yahoo!?
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http://im.yahoo.com

# 242. See anything you recognize?

Yahoo group: T-368_BC-610
Date: 2000-02-25 20:51:16 UTC
From: Joe Foley
Topic: 242  Message: 242

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=269340684

_____
Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
http://im.yahoo.com

# 243. Re: T-368 Audio Modifications --

Yahoo group: T-368_BC-610
Date: 2000-02-26 00:14:11 UTC
From: Joe Foley
Topic: 240  Message: 243

Is the "good microphone,
> no clipping, no FL1 &
> FL2" the best way to go? Coupling capacitor
> changeout hasn't gotten much
> press as far as I can tell by my internet searching.
> I know that there are
> purists that want to keep the radios completely
> stock and I respect that
> choice very much, but I also know that most mods are
> really reversible
> unless considerable "drilling and blasting" was
> administered in the process.
++++++
So far mine has the D-104 mike, FL-1/FL-2 jumpers
installed. I put a switch in one of the mod deck
ventilation holes to switch from carbon mike to
crystal mike, its on the right side of the deck, I
took the wire off from the resistor, R-21, brought it
over to the switch, then put a bright red wire from
the switch to the resistor. That makes the mod easy
to identify and remove. No drilling, no blasting.

>
> Another question worthy of pursuit is usage of the
> multi-pin jack on the
> lower rear as a source of audio input.
++++++++
I'm wondering about getting the cable for that, does
it come with the control box, or is it a separate
cable? Fair Radio has the connector, but no cable.
The stub of cable coming out of the connector shows
sheilding on three of the pairs, looks expensive and
hard to imitate, ...BUT not impossible!

I've been wanting to concoct some sort of control box
with a speaker for the sidetone, mike/key input,
receiver disabling, and a foot switch for PTT. Just
so I could transfer those functions to a desk near the
transmitter. Of course that's after I GET THE THING
ON THE AIR!!

Joe

---------------------------------------------------
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http://im.yahoo.com

# 244. TV 2 tube tester YAARRGH!$

Yahoo group: T-368_BC-610
Date: 2000-02-27 00:46:27 UTC
From: Joe Foley
Topic: 244  Message: 244

The TV-2 sold for $725.10!

No, I didn't buy it!

Joe

_____
Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
http://im.yahoo.com

# 245. Stuff

Yahoo group: T-368_BC-610
Date: 2000-02-27 21:04:08 UTC
From: Jack Taylor
Topic: 245  Message: 245

Fellow enthousiasts, is there a site that details the development history of the BC-610s and T-368s? Something that gives overviews between the different models of each series? Also is there any restoration info available, such as tips and techniques on painting and lettering?

Are there anyone(s) in this group that has (or knows of) a source of parts for either version?

73 de Jack

# 246. Fw: For The Serious! AM er ( For Sale)

Yahoo group: T-368_BC-610
Date: 2000-02-27 22:45:12 UTC
From: Jack Taylor
Topic: 246  Message: 246

I've wondered about the distinction between "serious" and "cheap".
Interesting that this "serious" seller is using the cheapest ISP around :-)
Anyone on this list willing to pounce on these goodies?

73 de Jack

-----Original Message-----
From: JEFF D WILDER <w8xq@...>
To: baswaplist@... <baswaplist@...>
Date: Sunday, February 27, 2000 3:24 PM
Subject: For The Serious! AM er ( For Sale)

>The Equipment Listed Below are working and all in very good condition :
>
>NC-183D w/SP
>JOHNSON RANGER
>R390
>T368/F
>DX-60B w/ VFO
>ALLIED REC
>"Tall" 19in Radio Rack Cab
>TX-1 APACHE
>TUBE TESTER " Dynamic"
>VHF/UHF SCANNER
>OLD CQ&73 Magazines "many"
>
>ALL for $3000 OBO.
>
>
>Thanks
>
>Jeff
>Email : w8xq@...
>616 381-3807
>

# 247. Manual for the TS-505 A, B, C, D/U w/Cal. Proced.

Yahoo group: T-368_BC-610
Date: 2000-02-27 23:02:26 UTC
From: Joe Foley
Topic: 247  Message: 247

I have the above manual with a seperate calibration procedure dated 1976. 40 page manual, 6 page supplement. I can get it copied if a bunch of people want one. Let me know.

Joe

---
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http://im.yahoo.com

# 248. Re: [MilSurplus] WTB: BC-614 unit for BC-610

Yahoo group: T-368_BC-610
Date: 2000-02-28 19:15:52 UTC
From: Joe Foley
Topic: 248  Message: 248

--- dan harlan <dharlan@...> wrote:
> Yo' NFMK,
>
> The BC-614-A,B,C,D will for the most part,
> plug and play with the BC-610-A,B,C,D. However if
> your
> TX is an "E" model or later, you need the
> BC-614-E,I etc...
>
> The differences are in the modulator plate current
> meter (which were incorporated on the TX in the pre
> "E"
> models) and in the RX disabling controls which were
> moved to the JB-70 starting with the "E" model. The
> two variations are NOT pnp interchangeable.
>
> Dan N8ETQ Cleveland, Oh.
>
> nfmk@... wrote:
> >
> > Subject almost says it all: looking for a clean,
> low mileage
> > speech unit for the BC610. Prefer unaltered
> w/orig docs.
> >
> > GE to all,
> >
> > 73 DE NFMK AR

_____
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http://im.yahoo.com

# 249. Unusual BC-312 Configuration ?

Yahoo group: T-368_BC-610
Date: 2000-02-29 13:52:32 UTC
From: dan harlan
Topic: 249  Message: 249

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=270894428

Hello BC-6TON-E fans,

From a purely historical viewpoint, take a look at the neat
case this 342 is stuffed into. That case is NOT the CH-121
used with the SCR-399/499. Is that a mil 12vdc p.sup
in the upper right corner??? to cool...

Dan N8ETQ Cleveland, Oh.

# 250. Wanted RF Choke

Yahoo group: T-368_BC-610
Date: 2000-02-29 14:45:16 UTC
From: Hagan, Reid J
Topic: 250  Message: 250

I have specific need for a B&W 800 RF Choke. Does anyone have one in good working order that they would wish to sell? Please respond directly to my e-mail. Thanks for the help!

73,

Reid
W2HU

# 251. For Sale: BC 610 I Model

Yahoo group: T-368_BC-610
Date: 2000-02-29 23:40:05 UTC
From: Joe Foley
Topic: 251  Message: 251

Here it is guys, GO GET IT!!

--- Dennis Martin <drmartin@...> wrote:
> I have a working BC 610 for sale. This is a
> ..."I"... model with speech
> amp, and master osc's, and coils to cover 80,40,20
> meters. Everything
> you need except for a microphone. Can give a on air
> demonstration.
> (prefer 80 meters)
> Must be a pick up in Michigan and before March 20th.
> Price is 400.00 or will take a clean Kenwoods TS
> 830s with cw filter or
> SB220 amp for trade.
> Thank you
> N8BT
> 810-632-5492
>
>
> ---
> Submissions boatanchors@...
>

---------------------------------------------------
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http://im.yahoo.com

# 252. Re: [MilSurplus] Need help on Military transmitter

Yahoo group: T-368_BC-610
Date: 2000-03-03 22:25:17 UTC
From: Joe Foley
Topic: 252  Message: 252

--- w8au@... wrote:
> At 01:13 PM 03/03/2000 -0800, you wrote:
>
>
> >Technical question here,....how come they could
> lower
> >the power output of the 4-400 for the SRT-14 to 100
> >watts but the T-368 can't run below 400 watts out?
> >
> >What's going on there?
>
>
> Joe:
>
> The SRT -14 was designed as a 100-120 watt output
> rig. It's power supply
> delivers the plate voltage and modulator voltage
> (807's) to run at that
> level, and the 4-400 just loafs. I don't have an
> SRT manual (never took
> one home with me, they were large..... wasn't
> permitted to, anyway), so I
> can't remember specific HV amounts.
>
> The SRT 15 and SRT 16 are the same basic rig, but
> include a companion 3
> phase power supply and modulator that takes over for
> the low power p.s. and
> modulator when you want to go QRO. You get a whole
> new set of voltages and
> audio power and the 4-400 runs close to limits.
>
> So, you see how they did it in the Navy. The
> SRT-15/SRT-16 were even MORE
> huge than the 14! Weight didn't seem to be a
> problem in the Navy at that
> time....These days I think it plays more importance.
>
> The BC-610 and T-368, however, did not have the
> separate power supplies or
> modulator, and although it might have been possible
> to design a multiple
> voltage power supply, etc. they did not provide for
> that. And, you can't
> lightly load a big AM rig and have the modulator

> transformer still match
> the amplifier plate impedance, without making big
> changes in supply
> voltages, etc.
>
> Just different design philosophies, or cost, or
> both....
>
> 73,
>
> Perry w8au
>
>
>
>

---

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http://im.yahoo.com

# 253. BC-614E speech amp

Yahoo group: T-368_BC-610
Date: 2000-03-03 23:49:04 UTC
From: Joe Foley
Topic: 253  Message: 253

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=271652306

_____
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http://im.yahoo.com

# 254. Re: [T-368_BC-610] Re: [MilSurplus] Need help on Military transmitter

Yahoo group: T-368_BC-610
Date: 2000-03-03 23:51:33 UTC
From: w7qho@aol.com
Topic: 254  Message: 254

Joe,

For everything you rver wanted to know about the SRT-14/15/16 but were afraid to ask see Electric Radio April 1997.

Dennis DuVAll, W7QHO
Glendale, CA

# 255. BC-610 Station Components

Yahoo group: T-368_BC-610
Date: 2000-03-04 01:14:46 UTC
From: Joe Foley
Topic: 255  Message: 255

```
--- Clive Collins <clivecollins@...> wrote:
> Good day gentlemen,
> I am seeking information on the complete station
> items that would have been supplied as a BC610
> station.
> Does anyone know please what comprised the full
> station equipment, spares and accessories including
> the operational items, shelters etc. that may have
> been supplied as part of the complete set up.
> Perhaps someone knows what aerial systems were
> supplied and what alternatives were suggested along
> with the attendant receiver/s issued with the
> transmitter.
> I believe that there was also a chest that contained
> the full stores for the establishing of a signal
> station. Possibly someone could confirm this please.
> Thank you in advance,
> All good wishes
>
> Clive GW3WEQ
>
> ---
> Submissions milsurplus@...
>

_____________________________________________
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http://im.yahoo.com
```

# 256. [Fwd: Re: [MilSurplus] BC610 station]

Yahoo group: T-368_BC-610
Date: 2000-03-04 02:36:49 UTC
From: dan harlan
Topic: 256  Message: 256

-------- Original Message --------
Subject: Re: [MilSurplus] BC610 station
Date: Fri, 03 Mar 2000 21:34:48 -0500
From: dan harlan <dharlan@...>
To: Clive Collins <clivecollins@...>
CC: milsurplus@...
BCC: dharlan@...
References: <20000304005521.12595.cpmta@...>

Yo' Clive,

See my web page, I have been restoring and or reproducing
SCR-299,399,499 equipment till my fingers have bled. The term "BC-610"
is very vague, BC-610-?'s have been used in a variety of "radio sets",
most notably, the BC-610-A,B,C,D with the scr-299, the BC-610-E, with
the SCR-399/499, and the BC-610-I and later with the GRC-26 sets.
Least we forget the multitude of "interim" sets and the variants
of known sets! MRC sets come to mind as well. So you see Clive, the
term
BC-610-nothin' refers more to an era, than to a particular application.
The variant or "model" nomenclature will define the application, to
an extent. As with most of this stuff, the more you ask, the more you
wonder!

http://www.ameritech.net/users/dharlan/dans.htm

Dan Harlan N8ETQ Cleveland, Ohio. USA

Clive Collins wrote:
>
> Good day gentlemen,
> I am seeking information on the complete station items that would have been supplied as a
BC610 station.
> Does anyone know please what comprised the full station equipment, spares and accessories
including the operational items, shelters etc. that may have been supplied as part of the
complete set up.
> Perhaps someone knows what aerial systems were supplied and what alternatives were
suggested along with the attendant receiver/s issued with the transmitter.
> I believe that there was also a chest that contained the full stores for the establishing
of a signal station. Possibly someone could confirm this please.
> Thank you in advance,
> All good wishes
>
> Clive GW3WEQ
>
> ---

> Submissions milsurplus@...

# 257. More 610 stuff on E-bay

Yahoo group: T-368_BC-610
Date: 2000-03-04 15:48:43 UTC
From: Joe Foley
Topic: 257  Message: 257

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=275244263

_____
Do You Yahoo!?
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http://im.yahoo.com

# 258. 'nother one

Yahoo group: T-368_BC-610
Date: 2000-03-04 15:51:57 UTC
From: Joe Foley
Topic: 258  Message: 258

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=275242669

_____
Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
http://im.yahoo.com

# 259. Tuning Cap

Yahoo group: T-368_BC-610
Date: 2000-03-04 15:58:06 UTC
From: Joe Foley
Topic: 259  Message: 259

Would this variable cap work in the T-368?

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=272932953

---
Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
http://im.yahoo.com

# 260. That roller inductor looks familiar.

Yahoo group: T-368_BC-610
Date: 2000-03-04 16:01:09 UTC
From: Joe Foley
Topic: 260  Message: 260

It looks like the one in my 939 antenna tuner.

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=272930120

---

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http://im.yahoo.com

# 261. Roller Inductor

Yahoo group: T-368_BC-610
Date: 2000-03-04 16:05:10 UTC
From: Joe Foley
Topic: 261  Message: 261

Think I've seen this one before, too. Someone ate a
939 tuner.

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=272923706

_____
Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
http://im.yahoo.com

# 262. Speaker for that BC-610?

Yahoo group: T-368_BC-610
Date: 2000-03-04 16:07:10 UTC
From: Joe Foley
Topic: 262  Message: 262

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=272921994

_____
Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
http://im.yahoo.com

# 263. Well, that sucks!!

Yahoo group: T-368_BC-610
Date: 2000-03-06 04:00:55 UTC
From: Joe Foley
Topic: 263  Message: 263

But I guess it was bound to happen.

Oil slick on the bottom of the cabinet of my T-368,
from, guess where!!

The Plate transformer!!

Don't solder to the secondary lugs, the seals can't
take it,.....drip,......drip,.....drip....

Just live with the arcing, sparking, crunchy HV
wiring, its better that way.

---
Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
http://im.yahoo.com

# 264. Re: [BoatAnchors] FS: BC-610F +BC-614 Speech amp +other related stuff

Yahoo group: T-368_BC-610
Date: 2000-03-06 05:03:21 UTC
From: Joe Foley
Topic: 264  Message: 264

--- KE3OK <ke3ok@...> wrote:
> Hi Gang,
>
> This is an estate item from a silent key. I'm
> helping his widow sell it.
>
> FS: BC-610F +BC-614 Speech amp. Also includes HB
> speech amp and RF driver
> with BRAND NEW 250TH tube in the final and two BRAND
> NEW 2A3s in the rig.
> Has Dow key relay and low pass filter and the little
> Collins VFO. Also
> includes D-104 mike. It has all new caps in the
> speech amp and PTT added.
> Also included is the Viking 122 VFO and it's Swan
> power supply. He used the
> Collins VFO on 160 meters and the Viking 122 VFO on
> 80 and 40 meters. I'm
> not too familiar with this equipment but it is in
> working condition. I
> witnessed it in operation shortly before the late
> owner passed away. It is
> all in good condition considering its age and sold
> as is. These are pickup
> only. I am located in central Iowa. Asking price
> is $875 and I will not
> separate the equipment. For an extra $100 I'll
> throw in two NOS 250s and
> two used 2A3s. You can reach me at 515-669-7501
> from 08:00 to 19:00 Central
> time. Of course email is OK too. Thanks and 73,
>
> Al
> KE3OK@...
>
>
> ---
> Submissions boatanchors@...
>

---------------------------------------------------
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http://im.yahoo.com

# 265. Re: [BoatAnchors] WTB BC-610

Yahoo group: T-368_BC-610
Date: 2000-03-06 13:45:42 UTC
From: Joe Foley
Topic: 265  Message: 265

--- W8JOE@... wrote:
> If anyone has a BC-610 they want to sell, please let
> me know. Thanks, Joe
> Falcone
>
> ---
> Submissions boatanchors@...
>

---------------------------------------------------
Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
http://im.yahoo.com

# 266. Re: [T-368_BC-610] Re: [BoatAnchors] WTB BC-610

Yahoo group: T-368_BC-610
Date: 2000-03-06 20:36:27 UTC
From: Joe Foley
Topic: 266  Message: 266

--- W2ZR@... wrote:
> Hi Joe,
> A few weeks ago, I asked you if anyone had
> started a registry of T-368
> owners and you said that you didn't know of any.
> You also stated that you
> weren't inclined to do so. I've been thinking of
> doing it. Any advice or
> comments?
++++++++
Hi Steve,

Hmm,... in a registry I'd think you'd go by serial number and manufacturer. Date of manufacture may play a part, too.

But in light of the fact that very few of these are available as three decks of the same model/manufacturer/date of mfg. I'm wondering just how to do it.

The tag on the RF deck identifies the RF deck, the stamp on the back of the individual decks have contract number and manufacturer's code but no S/N.

Its not that easy to get three decks that will work together much less get a complete unit all made by the same contractor, of the same model/date of manufacture.

I like the idea of a registry, but lets face it, a lot of these are mongrel depot dogs. My decks seem to be from the same manufacturer, 06845, Bendix Aviation, probably 1967, can't be sure, but the cabinet is MFG. 05690 of someone's 1962 contract.

Let's see what the list says,

Joe

---------------------------------------------------
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http://im.yahoo.com

# 267. URM-25D with Accessories!

Yahoo group: T-368_BC-610
Date: 2000-03-07 00:04:58 UTC
From: Joe Foley
Topic: 267  Message: 267

Yes, I'm sorry, its on E-bay.

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=277316732

_____
Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
http://im.yahoo.com

# 268. Re: [T-368_BC-610] Re: [BoatAnchors] WTB BC-610

Yahoo group: T-368_BC-610
Date: 2000-03-07 03:29:46 UTC
From: Gene G. Beckwith
Topic: 266  Message: 268

Joe Foley wrote:
>
> From: Joe Foley <redmenaced@...>
>
> --- W2ZR@... wrote:
> > Hi Joe,
> > A few weeks ago, I asked you if anyone had
> > started a registry of T-368
> > owners and you said that you didn't know of any.
> > You also stated that you
> > weren't inclined to do so. I've been thinking of
> > doing it. Any advice or
> > comments?
> ++++++++
> Hi Steve,
>
> Hmm,... in a registry I'd think you'd go by serial
> number and manufacturer. Date of manufacture may play
> a part, too.
>
> But in light of the fact that very few of these are
> available as three decks of the same
> model/manufacturer/date of mfg. I'm wondering just how
> to do it.
>
> The tag on the RF deck identifies the RF deck, the
> stamp on the back of the individual decks have
> contract number and manufacturer's code but no S/N.
>
> Its not that easy to get three decks that will work
> together much less get a complete unit all made by the
> same contractor, of the same model/date of
> manufacture.
>
> I like the idea of a registry, but lets face it, a lot
> of these are mongrel depot dogs. My decks seem to be
> from the same manufacturer, 06845, Bendix Aviation,
> probably 1967, can't be sure, but the cabinet is MFG.
> 05690 of someone's 1962 contract.
>
> Let's see what the list says,
>
> Joe
> _____
> Do You Yahoo!?

> Talk to your friends online with Yahoo! Messenger.
> http://im.yahoo.com
>
> ---
> DON'T HATE YOUR RATE!
> Get a NextCard Visa, in 30 seconds! Get rates as low as
> 0.0% Intro or 9.9% Fixed APR and no hidden fees.
> Apply NOW!
> http://click.egroups.com/1/2120/2/_/592920/_/952374793/
> ---

Joe,

Hmmmm, a bit of a challenge....My best looking T-3 is a Bendix Av...the Number two "T" is a B&W...haven't studied the decks to check for clues...and agree the mix and match for decks is true...have seen (before I knew what they were 8>( ) at least three maybe four, misc decks in flea markets and in a garage sale!!

If we have a tag, maybe by agreement, that becomes the currnt ID for the unit...plus list of anyother data as secondary description plus a note as to whether the rig is complete and working/non-working...

73,

Gene

# 269. Re: [T-368_BC-610] Re: [BoatAnchors] WTB BC-610

Yahoo group: T-368_BC-610
Date: 2000-03-07 01:00:40 UTC
From: Joe Foley
Topic: 266  Message: 269

> 
> Joe,
> 
> Hmmmm, a bit of a challenge....My best looking T-3
> is a Bendix Av...the
> Number two "T" is a B&W...haven't studied the decks
> to check for
> clues...and agree the mix and match for decks is
> true...have seen
> (before I knew what they were 8>( ) at least three
> maybe four, misc
> decks in flea markets and in a garage sale!!
> 
> If we have a tag, maybe by agreement, that becomes
> the currnt ID for the
> unit...plus list of anyother data as secondary
> description plus a note
> as to whether the rig is complete and
> working/non-working...
++++++++++
I've gotta start going to those garage sales!

Please understand, I don't want to throw cold water on the idea, I'm just trying to figure out how to do it.

One thing this may do is help us to determine just what's out there. Maybe someone has a deck that someone else needs to complete their unit. More likely, someone's got a "basic" unit and can't find the power supply deck to go with it.

Joe

---------------------------------------------------
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# 270. [Fwd: FS: BC-610F +BC-614 Speech amp +other related stuff]

Yahoo group: T-368_BC-610
Date: 2000-03-07 02:16:27 UTC
From: dan harlan
Topic: 270  Message: 270

-------- Original Message --------
Subject: FS: BC-610F +BC-614 Speech amp +other related stuff
Date: Mon, 06 Mar 2000 04:20:19 GMT
From: KE3OK <ke3ok@...>
Organization: EarthLink Inc. -- http://www.EarthLink.net
Newsgroups: rec.radio.amateur.boatanchors

Hi Gang,

This is an estate item from a silent key. I'm helping his widow sell it.

FS: BC-610F +BC-614 Speech amp. Also includes HB speech amp and RF driver with BRAND NEW 250TH tube in the final and two BRAND NEW 2A3s in the rig. Has dow key relay and low pass filter and the little Collins VFO. Also includes D-104 mike. It has all new caps in the speech amp and PTT added. Also included is the Viking 122 VFO and it's Swan power supply. He used the Collins VFO on 160 meters and the Viking 122 VFO on 80 and 40 meters. I'm not too familiar with this equipment but it is in working condition. I witnessed it in operation shortly before the late owner passed away. It is all in good condition considering its age and sold as is. These are pickup only. I am located in central Iowa. Asking price is $875 and I will not separate the equipment. For an extra $100 I'll throw in two NOS 250s and two used 2A3s. You can reach me at 515-669-7501 from 08:00 to 19:00 Central time. Of course email is OK too. Thanks and 73,

Al
KE3OK@...

# 271. Re: [T-368_BC-610] Well, that sucks!!

Yahoo group: T-368_BC-610
Date: 2000-03-07 16:45:49 UTC
From: Joe Foley
Topic: 271  Message: 271

You had one, too?

So far I've determined that its a very slow leak. So
I have a plastic drip pan under it, left overnight the
wires are wet but no drips. The bad thing is that
this oil evaporates so its hard to determine how much
leaked, the transformer still sounds full. When I
took the power supply deck out to examine the seals I
left it sitting on the dolly with the panel down, that
put the HV posts up, and got NO leaking. So what I'm
thinking is that I will leave the deck out, on the
dolly, when not in use. Its an easy process to tip it
down on the dolly to remove it, gettin' good at it.

In other words, I'm going to leave it and look for
another transformer, use that for a spare until this
one get hot, or I find someone to rebuild it. I did
ask Peter Dahl Co. about that possibility. Sounds
like a common problem.

Joe

--- Mark Foltarz <Foltarz@...> wrote:
>
> Now you know what I went through! Sorry it had to
> happen OM. Do you have any ideas on reworking the
> seal? Let me know, cause I'm in the same boat
>
> DE KA4JVY
> Mark

_____
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# 272. Re: Replacement Transformer for T-368?

Yahoo group: T-368_BC-610
Date: 2000-03-07 17:06:52 UTC
From: Joe Foley
Topic: 272  Message: 272

--- Peter Dahl <pwdco@...> wrote:
> At 04:51 PM 3/6/2000 -0800, you wrote:
> >Hi,
> >
> >I'm looking for a replacement plate transformer for
> >the T-368 E Military Surplus HF transmitter. Its
> an
> >oil cooled unit, I'd like to replace it with an air
> >cooled unit, if possible. The transmitter is used
> in
> >Amateur service.
> >
> >If you don't have the specs for this transformer,
> this
> >is what I have on it:
> >
> >Primary: 115 VAC
> >
> >Secondary: 3168 V Center Tap 3168 V
> >
> >Current: 500 Ma. DC.
> >
> >Primary P.W.V. 625
> >
> >Secondary P.W.V. 10 KV
> >
> >Max. Ambient Rise: 75 Deg. C
> >
> >Max. Trans. Rise: 30 Deg. C
> >
> >50 - 60 Hz
> >
> >Thank you,
> >
> >Joe Foley
> >_____
> >Do You Yahoo!?
> >Talk to your friends online with Yahoo! Messenger.
> >http://im.yahoo.com
> >
> >Dear Joe:
>
> We can supply the transformer listed above for
> $425.00 FOB El Paso,
> TX. Physical size is 10 1/2" High x 9" Wide x 8

> 3/8" Deep. Net weight is
> 60 LBS. This would be a style #l0 Hipersil core
> transformer as shown on
> the attached pictorial. Lead time is about 3 weeks
> ARO. You may pay with
> a credit card as listed below.
>
>

> ATTACHMENT part 2 image/jpeg name=Style10.jpg;
x-mac-type=4A504547; x-mac-creator=4A565752
>
> Best Regards from Peter W. Dahl - President, PETER
> W. DAHL CO. INC.
> 5869
> Waycross Ave.
> El
> Paso, TX 79924 U.S.A.
> TEL: 915-751-2300 FAX: 915-751-0768
>
> Amateur Radio Station Call - K0BIT, 73's & DX
>
> We accept VISA, Master Card, American Express and
> Discover credit cards !!
>
>
>
>
>
>
>
>

---
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# 273. Re: [T-368_BC-610] Re: Replacement Transformer for T-368?

Yahoo group: T-368_BC-610
Date: 2000-03-07 20:57:18 UTC
From: w7qho@aol.com
Topic: 273  Message: 273

Joe,

Why don't you just re-mount your leaky critter with the terminals pointing up. Looks to me like there is enough clearance between the top of the plate transformer and the modulator chassis allow this. You would have to rig up a couple of hold-down straps but you're not bouncing around in combat so these wouldn't have to be too robust. You would only have to bring three wires up from underneath the chassis (AC and sec. center tap) and it would be a straight shot from the HV termianls over to the rectifier caps.

Dennis DuVall, W7QHO
Glendale, CA

# 274. Re: [T-368_BC-610] Re: Replacement Transformer for T-368?

Yahoo group: T-368_BC-610
Date: 2000-03-07 21:07:01 UTC
From: Jack Taylor
Topic: 273  Message: 274

Another approach worth considering would be to apply epoxy glue around the suspect leak areas. Since the leak is apparently a gravity leak, there shouldn't be sufficient pressure to cause the glue to break loose, assuming a decent bond can be made.

The other concern would be whether the expoxy would withstand the high voltage potential OK. This could be checked with a megger, either in place, or on a test object.

73 de Jack

-----Original Message-----
From: w7qho@... <w7qho@...>
To: redmenaced@... <redmenaced@...>; t-368_bc-610@onelist.com <t-368_bc-610@onelist.com>
Date: Tuesday, March 07, 2000 1:58 PM
Subject: Re: [T-368_BC-610] Re: Replacement Transformer for T-368?

>From: w7qho@...
>
>Joe,
>
>Why don't you just re-mount your leaky critter with the terminals pointing
>up. Looks to me like there is enough clearance between the top of the
plate
>transformer and the modulator chassis allow this. You would have to rig up
a
>couple of hold-down straps but you're not bouncing around in combat so
these
>wouldn't have to be too robust. You would only have to bring three wires
up
>from underneath the chassis (AC and sec. center tap) and it would be a
>straight shot from the HV termianls over to the rectifier caps.
>
>Dennis DuVall, W7QHO
>Glendale, CA
>
>---------------------------------------------------------------------
>MAXIMIZE YOUR CARD, MINIMIZE YOUR RATE!
>Get a NextCard Visa, in 30 seconds! Get rates as low as
>0.0% Intro or 9.9% Fixed APR and no hidden fees.
>Apply NOW!
>http://click.egroups.com/1/2122/2/_/592920/_/952462711/
>---------------------------------------------------------------------
>
>

>

# 275. Re: [T-368_BC-610] Well, that sucks!!

Yahoo group: T-368_BC-610
Date: 2000-03-08 00:00:11 UTC
From: Joe Foley
Topic: 271  Message: 275

Hi Ott,

Haven't been meaning to ignore you just thought I'd
picked on you enough.

--- ott kazott <kazott@...> wrote:
>
> On Tue, 7 Mar 2000 08:45:49 -0800 (PST) Joe Foley
> <redmenaced@...>
> writes:
> >From: Joe Foley <redmenaced@...>
> >
> >You had one, too?
> >
> Hi Joe:
>
> Bout five or so years ago, I heard of transformers
> and the chokes leaking
> due to inverted storage. This allowed the rubber to
> dry out and once
> dried it didn't go back to its per-dried state and
> leaked.
+++++++++
So soldering on them doesn't help a bit.

>
> When they leak like this they leak very slowly.
++++++++
Yes, I'd say about maybe a teaspoon per month, if that
much.

>
> Someone had a leaker and sealed it with a "blue"
> colored oil resistant
> (automotive?) RTV. And it worked!
++++++++++
But where'd he put it? I'd like to hear his
technique.

>
> Didn't need it at the time so I didn't pay attention
> but you might want
> to look at a good mechanics supply and see whats
> there.
++++++++++
When I worked at Bausch & Lomb the display carpenters,

top notch guys, liked to go watch them work just to learn, boy, they hated that,..... anyway, they used to make plexiglas parts for some of the trade show displays, they were VERY picky about the type of super glue they used, so, of course, I HAD to know why. Well,... (true name, here) Pasquale Piccinini finally gave in and showed me the technique, this could have radio uses, he took the pieces of plexiglas, clamped them together dry with small round spring clamps, looked like key rings, then he took this very thin glue, almost like water, and dumped it on the joint with a pint bottle that had a syringe needle on it, the capillary action quickly sucked the glue all the way into the joint, about two inches acrossed and eight inches long, this resulted in an invisible joint, no bubbles!

Now,..... I've also seen tractor mechanics trying to fix cracks in gear cases with everything you can name, the problem is that the oil can't be sufficiently cleaned out to get proper bonding to the metal. The last one was from an overtightened drain plug.

So, the brainstorm in progress is to find out how to get the oil out of the joint sufficiently to get the super glue into the joint,... that being IF that would even work. Any ideas?

>
> Saw your Dahl deal...
>
> > >Secondary: 3168 V Center Tap 3168 V
> >
> Didn't you mean: 6336v on the secondary?
+++++++
Well, yes, but I wanted to show that the secondary was center tapped.

>
> If you can send me a copy of the jpg he sent you
> showing what he's
> offering I'd like to see it.
++++++++
It was just a picture of the core itself, no good details, air cooled. I'm going to ask them if they can mount it on its side, then it would fit in the drawer. Also, they have no indication of where the taps are.

>
> tnx, Ott

>
> BTW: Juno dosen't accept attachments, you can send
> it to
> bihad@...
++++++++
Will do.

Joe

---
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# 276. Re: Replacement Transformer for T-368?

Yahoo group: T-368_BC-610
Date: 2000-03-08 17:23:47 UTC
From: Joe Foley
Topic: 272  Message: 276

From Pete Dahl Co.:

> >>Dear Joe:
>
> Please give me the maximum Height, Width and
> Depth available for a
> replacement transformer and I will requote on a
> different core that will
> fit just fine. I can put the primary and secondary
> connections anyplace you
> want, so let me know where you want them and that's
> where they will be.
> Also, let me know if you prefer flying leads, or
> screw terminals. We can
> do either one.
++++++++++++++++
Ok,..... so what do I tell him?

Joe

_____
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# 277. Re: [T-368_BC-610] Well, that sucks!!

Yahoo group: T-368_BC-610
Date: 2000-03-08 22:43:39 UTC
From: Joe Foley
Topic: 271  Message: 277

--- ott kazott <kazott@...> wrote:
> Hey Joe:
>
> I spoke with WA2NPL last night and I told him about
> your problem.
> Unbeknownst to me he said he had a similar leakage
> problem. He said what
> you might want to use is clear windshield adhesive
> by Permatex.
>
> Said it is designed to hold onto glass, metal and to
> keep the windshield
> in and liquids out. Sounds like the right stuff.
++++++++++++++
Yes, it does. I know just where to get it, too.

>
> NPL said to clean the area to be sealed very well.
> Use trichloroethane
> or MEK... both wicked shit in the house but
> necessary as there can be no
> film of any kind left behind.
++++++++++++
One good thing is that the oil seems to evaporate, so
maybe a clean surface won't be too hard to get.

>
> Tech strength isopropyl alcohol will work but does
> leave a film that will
> have to be removed too.
++++++++++=
Well, then it isn't that good for cleaning HV
insulators, is it? That's what I've been using it
for, I thought because it didn't leave a film.

>
> The idea is that you spread this stuff 1/4" up and
> out from a joint. It
> is self leveling and will level off. Let this first
> application almost
> set up completely. It will get like Jello. At this
> point add a second
> coat over the first. You will have a better time
> with placement of the
> second coat as the first coat acts as base.
++++++++

Do you think I should do the super glue first, or does
this stuff wick down into the joint?

>
> Let dry for several days before inverting iron again
> and should be fine.
> NPL said he's done big leaking oil filled T-3 caps
> over 5 years ago and
> their still dry.

++++++++++
Sounds like a winner.

>
> Its worth a try.... better than having to mount the
> iron permanently
> upside down or worse, paying a military price to
> Pete for non military
> iron, arghhh....
+++++++++
Of course, but its nice to have the thing available if
its needed. Also, If I replace one I'd want an air
cooled one.

Now, ... the thing I was thinking about is this.
Since this transmitter was designed to run for weeks
of continous transmitting, and since the average Ham
has a tough time finding 4 hours in a stretch to use
his radios. Do you think that this transformer would
be able to run without oil at all, if the outside can
were to be removed for cooling?

What kind of duty cycle could we assign it?

Joe

_____
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# 278. Re: [T-368_BC-610] Re: Replacement Transformer for T-368?

Yahoo group: T-368_BC-610
Date: 2000-03-09 06:40:19 UTC
From: Gene G. Beckwith
Topic: 273  Message: 278

w7qho@... wrote:
> 
> From: w7qho@...
> 
> Joe,
> 
> Why don't you just re-mount your leaky critter with the terminals pointing
> up. Looks to me like there is enough clearance between the top of the plate
> transformer and the modulator chassis allow this. You would have to rig up a
> couple of hold-down straps but you're not bouncing around in combat so these
> wouldn't have to be too robust. You would only have to bring three wires up
> from underneath the chassis (AC and sec. center tap) and it would be a
> straight shot from the HV termianls over to the rectifier caps.
> 
> Dennis DuVall, W7QHO
> Glendale, CA
> 
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> ---------------------------------------------------------------------

Dennis,

Have you heard of anyone reparing an oil filled? Probably a totally
goofy question, but someone filled it and sealed it...probably using
some heat...if the leak is not at the terminals...wonder if there's a
way to locate the leak, then reseal...??

Ur idea of turning up side down is a good one, and in amateur service,
heating may not be sufficient to "pump" oil out of leaky spot...

Sorry, more questions than solutions...

73,

Gene

# 279. Re: [T-368_BC-610] Re: Replacement Transformer for T-368?

Yahoo group: T-368_BC-610
Date: 2000-03-09 04:07:02 UTC
From: Joe Foley
Topic: 273  Message: 279

> Dennis,
>
> Have you heard of anyone reparing an oil filled?
> Probably a totally
> goofy question, but someone filled it and sealed
> it...probably using
> some heat...if the leak is not at the
> terminals...wonder if there's a
> way to locate the leak, then reseal...??
>
> Ur idea of turning up side down is a good one, and
> in amateur service,
> heating may not be sufficient to "pump" oil out of
> leaky spot...
>
> Sorry, more questions than solutions...
++++++++++
I thought of that but I'm not sure how the core is "set" in the can. Could be that since the leak is at the HV posts that the core needs to be jarred down like it would if I took it for a ride in my deuce-and-a-half down a bumpy road like it did when it was in gov't service.

The top of the can is bolted and soldered on, there are two small disks soldered in place over fill and vent holes, those two depressions near the corners.

Oil is hard to seal, especially thin oil like this stuff. Putting the connections on the bottom probably wasn't the best idea. But I'm thinking the weight of the core is against the seals, turning it upside down may not be the best idea, the oil wouldn't be around the coils near the bottom of the can.

Joe

---
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# 280. Re: [T-368_BC-610] Re: Replacement Transformer for T-368?

Yahoo group: T-368_BC-610
Date: 2000-03-09 04:13:43 UTC
From: Joe Foley
Topic: 273  Message: 280

> Joe,
>
> Two comments...mounting the HV and Primary on top of
> the xformer
> facilitates ease of installation and maintenance ...
> but might increase
> potential for safety...I'd go for a top mount...and
> be Damn carefull....
+++++++++
I was thinking about putting them on the side near the 3B28's, short HV wiring, the LV wires can be routed easily to the bottom. They could have done that originally instead of running the wiring through the deck twice in those little tiny holes. That's where mine was zorching. That's what started this whole thing!! Soldering the new wire in.

>
> Next..
>
> You might consider asking about a dual primary...240
> and 120 volt ac
> input...sure wish these big critters were set up for
> 240 vac prime's
+++++++++
Yeah, but you'd have to do that to all of the other transformers, too. Not a bad idea, it needs it.

>
> Just thoughts...keep us informed how u make out with
> the new Iron...
++++++++
Oh, I can't afford to buy one of those! I was just exploring the possibilities and establishing the contact in case anyone else needs one in the future.

Joe

_____
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# 281. Speech Amplifier Subassembly

Yahoo group: T-368_BC-610
Date: 2000-03-09 04:53:41 UTC
From: Tony Wheeler
Topic: 281  Message: 281

Does anyone know where I can get a T-368 speech amplifier subassembly? I don't need the tubes if someone has one w/o them. If not how about transformer T6 in the above assembly? I have a T3 out of service until I can find replacement parts.
Any help you can give me would be appreciated.

Thanks
Tony K9BBA
apwheeler@...

# 282. Re: [T-368_BC-610] Re: Replacement Transformer for T-368?

Yahoo group: T-368_BC-610
Date: 2000-03-09 08:00:53 UTC
From: w7qho@aol.com
Topic: 273  Message: 282

In a message dated 00-03-08 23:09:49 EST, you write:

<< But I'm thinking the weight of
the core is against the seals, turning it upside down
may not be the best idea, the oil wouldn't be around
the coils near the bottom of the can. >>

Can't imagine the weight of the core is resting on the insulator seals or that turning it over (or on it's side, etc) would lead to any electrical or thermal problems. I have a spare and there is no indication on it anywhere as to mounting restrictions. At the same time, there should be some way to seal a small leak. I noted some stuff in the auto store the other day that was supposed to be able to seal a running leak in a gas tank. Can you see where the oil is oozing out, i.e., through an insulator or around the base of one or somewhere else? If it's around one of the big cone jobs on the secondary it looks like these could be tightened up, at least on my trans. which is from an early model. You're probably going to have to pull the transformer off the chassis to get to the bottom of the problem if you haven't done so already. Nasty job - that's one heavy piece of iron.

Dennis D. W7QHO

# 283. Re: [T-368_BC-610] Re: Replacement Transformer for T-368?

Yahoo group: T-368_BC-610
Date: 2000-03-10 00:26:42 UTC
From: Joe Foley
Topic: 273  Message: 283

> 
> Can't imagine the weight of the core is resting on
> the insulator seals or
> that turning it over (or on it's side, etc) would
> lead to any electrical or
> thermal problems.
++++++++++++
I'm not saying it rests only on the seals, just
partly.

I have a spare and there is no
> indication on it anywhere
> as to mounting restrictions.
++++++++++++
Does it show any means of keeping the core in place,
i.e. bolts through the bottom? I see nothing on the
sides.

At the same time,
> there should be some way to
> seal a small leak. I noted some stuff in the auto
> store the other day that
> was supposed to be able to seal a running leak in a
> gas tank. Can you see
> where the oil is oozing out, i.e., through an
> insulator or around the base of
> one or somewhere else?
+++++++++=
Yes, it shows as wet HV wires that goes up to the
solder connector but no further. That tells me that
the ooze is at the terminal where I soldered the new
HV wires on.

If it's around one of the
> big cone jobs on the
> secondary it looks like these could be tightened up,
> at least on my trans.
> which is from an early model.
+++++++++
On this one those look like a press fit, I don't see
any way to tighten them, they look good to me, its at
the bottom of the cones.

You're probably going
> to have to pull the
> transformer off the chassis to get to the bottom of

> the problem if you
> haven't done so already. Nasty job - that's one
> heavy piece of iron.
++++++++++
I can just turn the deck over to get to all I need on
this one.

Still trying to determine how bad the ooze is.

Thanks,

Joe

---
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# 284. BC-610 Coils on Ebay

Yahoo group: T-368_BC-610
Date: 2000-03-12 03:26:55 UTC
From: Joe Foley
Topic: 284  Message: 284

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=278839984

_____
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# 285. FB: ART-13 Transmitter

Yahoo group: T-368_BC-610
Date: 2000-03-12 07:47:04 UTC
From: Bruce James Howes
Topic: 285  Message: 285

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=281710259

I have listed Tom W2KBW mint ART-13 Transmitter on Ebay.

Quite a package with plenty of spares.

ART-13 TRANSMITTER IN ALL IT'S WW-2 GLORY

Beautiful Condition inside and out. This transmitter is working perfectly.

Complete with ALL Power Supplies, Connectors, and ORIGINAL Operators Manual.
Extra Parts Include:

-2 Autotune Motors

-1 Mod Xfomer

-1 VFO Control Head (Autotune Mech.)

-4 Vaccum Switches

-1 Vaccum Relay Control Unit

-2 PA Plate Meters

-1 MCM-CFI Unit

-1 Low Frequency Oscillator Unit

-Misc. Milspec Connectors, Knobs, Etc.

Has been professionaly modified to accept line level audio input. Cooling
fans installed.

For Local Pickup Only, or Will Bring to Dayton Hamvention.

This is the closest that you will find to a new unit, looks like it just
came out of the box! Really!

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=281710259

# 286. Re: [MilSurplus] WANTED: RF Ampmeter

Yahoo group: T-368_BC-610
Date: 2000-03-12 17:10:49 UTC
From: Joe Foley
Topic: 286  Message: 286

--- Bob Sova <wb3leq@...> wrote:
> I am trying to locate the following RF Ampmeter that
> was used in either the
> antenna tuners of BC-939-B (Hallicrafters BC-610
> transmitter) or TN-339/GR
> (T-368 transmitter).
>
> Range 0 - 15 Amperes RF
> Part number on face: MR36W015RFAAR
> Weston Model number: 1533
> Simpson Model Number: 35R
> Sun Model 3B15ARF
> (Other manufacturers are acceptable.)
>
> Meter face diameter including bezel mounting flange
> is 3-1/2 inches
> Fits in panel mounting hole measuring 2-3/4 inches.
>
> Please reply to me direct at: wb3leq@...
> Thanks,
> Bob
>
>
> ---
> Submissions milsurplus@...
>

_____
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# 287. Meter for a TV-7 on E-bay, its in HK

Yahoo group: T-368_BC-610
Date: 2000-03-12 18:04:33 UTC
From: Joe Foley
Topic: 287  Message: 287

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=281866211

_____
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# 288. Re: [R-390] Stiff KC knob

Yahoo group: T-368_BC-610
Date: 2000-03-13 03:46:09 UTC
From: Joe Foley
Topic: 288  Message: 288

> 
> Hi Joe,
> 
> Gota a question for u...re the T-368..
> 
> How do u mute ur receivers with the T-3...?
> 
> Of course you can use the on board t/r relay in the
> T-3, but wonder if
> you mute the R390X's with some other relay contact
> on the T-3?
> 
> Haven't studied this, but am now actively working to
> get my T-3 on line
> in more than a just hacked together fashion.
> 
> Guess I should check into the manuals and see what
> the options are, but
> thought I'd ask if u have any experience with
> this...
++++++++
I've just been playing with that myself.

Pin "J" of "J 12", on the back of the T-3, is grounded through K-9, the "slow release" relay inside the T-3. Now,... in any good Amateur shack the receivers and transmitters are grounded together, right? So, since the "J" pin is grounded anything hooked to it should be grounded, too. Grounding Pin 9 of the R-390 A activates the BREAK IN circuit and nulls the receiver. If the BREAK IN switch is turned on!

I presently have a foot pedal hooked to short Pin 9 with ground at Pin 16 on the back of the R-390 A. You might want to do this as a learning experience so you can tell if all of the relays in the receiver work. You can familiarize yourself with the "BREAK IN" switch, too.

I don't like the idea of using the foot pedal while transmitting because bad coordination would blow the receiver.

Now,... consider tune up of the transmitter. You're going to zero beat on someone's signal with the receiver, or determine the frequency you're going to

use, then zero the transmitter to your receiver.
Notice that the T-3 has no crystal calibration
feature. Its to be compared to a receiver's frequency.

How ya gonna do that?

Well, you'll leave the NORMAL/TUNE switch on TUNE on
the T-3 and the BREAK IN off on the receiver so that
the tuner/exciter in the T-3 will slop over to zero
beat it to the receiver. Then, hopefully, you'll
remember to turn the BREAK IN switch on when you turn
the NORMAL/TUNE switch to TUNE on the T-3.

Of course, if you don't do that you blow your
receiver!!

Hey, list! Do I have this right?

Joe

---
Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
http://im.yahoo.com

# 289. Re: [T-368_BC-610] Re: [R-390] Stiff KC knob

Yahoo group: T-368_BC-610
Date: 2000-03-13 04:30:32 UTC
From: Joe Foley
Topic: 289  Message: 289

--- Joe Foley <redmenaced@...> wrote:
>
>
> >
> > Hi Joe,
> >
> > Gota a question for u...re the T-368..
> >
> > How do u mute ur receivers with the T-3...?
> >
> > Of course you can use the on board t/r relay in
> the
> > T-3, but wonder if
> > you mute the R390X's with some other relay contact
> > on the T-3?
> >
> > Haven't studied this, but am now actively working
> to
> > get my T-3 on line
> > in more than a just hacked together fashion.
> >
> > Guess I should check into the manuals and see what
> > the options are, but
> > thought I'd ask if u have any experience with
> > this...
> ++++++++
> I've just been playing with that myself.
>
> Pin "J" of "J 12", on the back of the T-3, is
> grounded
> through K-9, the "slow release" relay inside the
> T-3.
> Now,... in any good Amateur shack the receivers and
> transmitters are grounded together, right? So,
> since
> the "J" pin is grounded anything hooked to it should
> be grounded, too. Grounding Pin 9 of the R-390 A
> activates the BREAK IN circuit and nulls the
> receiver. If the BREAK IN switch is turned on!
>
> I presently have a foot pedal hooked to short Pin 9
> with ground at Pin 16 on the back of the R-390 A.
> You
> might want to do this as a learning experience so
> you

> can tell if all of the relays in the receiver work.
> You can familiarize yourself with the "BREAK IN"
> switch, too.
>
> I don't like the idea of using the foot pedal while
> transmitting because bad coordination would blow the
> receiver.
>
> Now,... consider tune up of the transmitter. You're
> going to zero beat on someone's signal with the
> receiver, or determine the frequency you're going to
> use, then zero the transmitter to your receiver.
> Notice that the T-3 has no crystal calibration
> feature. Its to be compared to a receiver's
> frequency.
>
> How ya gonna do that?
>
> Well, you'll leave the NORMAL/TUNE switch on TUNE on
> the T-3 and the BREAK IN off on the receiver so that
> the tuner/exciter in the T-3 will slop over to zero
> beat it to the receiver. Then, hopefully, you'll
> remember to turn the BREAK IN switch on when you
> turn
> the NORMAL/TUNE switch to TUNE on the T-3.
>
> Of course, if you don't do that you blow your
> receiver!!
>
> Hey, list! Do I have this right?
++++++++++
No, you dork! You have to turn the NORMAL/TUNE switch
to "NORMAL" on that last line to get the T-3 to
transmit!

Joe

>
> Joe
> ---------------------------------------------------
> Do You Yahoo!?
> Talk to your friends online with Yahoo! Messenger.
> http://im.yahoo.com
>

---
Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
http://im.yahoo.com

# 290. Hehehe "tube tester"?

Yahoo group: T-368_BC-610
Date: 2000-03-13 04:46:23 UTC
From: Joe Foley
Topic: 290  Message: 290

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=282469875

_____
Do You Yahoo!?
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http://im.yahoo.com

# 291. Re: [T-368_BC-610] Re: [R-390] Stiff KC knob

Yahoo group: T-368_BC-610
Date: 2000-03-13 05:41:54 UTC
From: w7qho@aol.com
Topic: 289  Message: 291

Actually, the best way to zero-beat is to turn off the HV breaker on the PS (the one on the right) and then key the transmitter. This turns on the PTO and exciter only, no sig goes out to the ant. In the "Tune" mode the T368 still puts out over 50 watts. There are a set of contacts in the T3 which can be used to mute a receiver such as the R390/390A and these can be accessed through the connector on the back of the machine as described in the previous E-mail. Audio can also be brought in and the transmitter can be keyed through this connector. Some users have reported hum problems in doing this but I have experienced no problems using shielded lines up to 20 ft. long. Careful grounding is important here.

Dennis DuVall, W7QHO
Glendale, CA

# 292. Re: [T-368_BC-610] Re: [R-390] Stiff KC knob

Yahoo group: T-368_BC-610
Date: 2000-03-14 06:03:41 UTC
From: Gene G. Beckwith
Topic: 289  Message: 292

w7qho@... wrote:
> 
> From: w7qho@...
> 
> Actually, the best way to zero-beat is to turn off the HV breaker on the PS
> (the one on the right) and then key the transmitter. This turns on the PTO
> and exciter only, no sig goes out to the ant. In the "Tune" mode the T368
> still puts out over 50 watts. There are a set of contacts in the T3 which can
> be used to mute a receiver such as the R390/390A and these can be accessed
> through the connector on the back of the machine as described in the previous
> E-mail. Audio can also be brought in and the transmitter can be keyed
> through this connector. Some users have reported hum problems in doing this
> but I have experienced no problems using shielded lines up to 20 ft. long.
> Careful grounding is important here.
> 
> Dennis DuVall, W7QHO
> Glendale, CA
> 
> ---------------------------------------------------------------------
> GET A NEXTCARD VISA, in 30 seconds! Get rates as low as 0.0%
> Intro or 9.9% Fixed APR and no hidden fees. Apply NOW!
> http://click.egroups.com/1/937/2/_/592920/_/952926123/
> ---------------------------------------------------------------------

Dennis and T-3 Guys...

Thanks for the info...was plowing through what documentation I have and found a schematic for the connector..J12..but didn't see much easy info on what contacts, if any were switched.

If I recall the R390x's and other Mil type rcvrs us the opposite metode of muting vs amateur stuff...so, to make systems compatible with other rcvrs in my station, am considering keying a relay for muting that can be selected for either mute on grounding or mute when open...depending on rcvr requirments.

Would like to mute all rcvrs running during operating session, regardless of which band they might be on, i.e., so they all go quiet when transmitting to avoid any nasty feed back or other gremilins.

Again, thanks for the clues...will be working up these details in the next few weeks...

Yeowweee! Gotta hurry! It's almost spring here in Ohio, and time to switch to antenna work...Gosh...just can's get enough of this stuff...now where's that ^)*&%^$ soldering gun...???

73,

Gene

W8KXR
Clinton, Ohio

# 293. Color and Info

Yahoo group: T-368_BC-610
Date: 2000-03-15 16:34:14 UTC
From: STEVE WATERS
Topic: 293  Message: 293

Good Morning All
I have a few questions.
What should the color of the 368 be and
how many companies manufactured it?
Is there a website for this info and I wonder
about audio mods? Any replies would be
appreciated.
Steve

[Non-text portions of this message have been removed]

# 294. 'nother of my silly questions

Yahoo group: T-368_BC-610
Date: 2000-03-16 01:42:38 UTC
From: Joe Foley
Topic: 294  Message: 294

Ok, so they don't make tubes anymore, except in those
places where they make big contributions to certain
American politicians.

If I go to my tube mine and see, for example a 12BY7A,
what book do I look that up in to see if I can stuff
it into anything I now have.

I don't want to sell them if I can use them, but if I
can't someone else might be able to.

I need a REVERSE substitution book.

Any ideas?

Thanks,

Joe

_____
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http://im.yahoo.com

# 295. Re: [MilSurplus] 'nother of my silly questions

Yahoo group: T-368_BC-610
Date: 2000-03-16 02:04:44 UTC
From: dan harlan
Topic: 295  Message: 295

Hey Joe,

Hang on to those 12BY7's, there's 2 in a DX-100,

handy little jug. Seems to me that one of those

Anti-Q radio sites, like Phils old radio's had

an on-line sub guide. Pretty darn handy. Another approach

I use, is to look at the "Basing" colume in the aRrL
handbook for suitable "victims". That must be what
lead to that 12AX7,12Au7,12AT7 thing. HI

Dan N8ETQ Cleveland, oh.

Joe Foley wrote:
>
> Ok, so they don't make tubes anymore, except in those
> places where they make big contributions to certain
> American politicians.
>
> If I go to my tube mine and see, for example a 12BY7A,
> what book do I look that up in to see if I can stuff
> it into anything I now have.
>
> I don't want to sell them if I can use them, but if I
> can't someone else might be able to.
>
> I need a REVERSE substitution book.
>
> Any ideas?
>
> Thanks,
>
> Joe
>
> _____
> Do You Yahoo!?
> Talk to your friends online with Yahoo! Messenger.
> http://im.yahoo.com
>
> ---
> Submissions milsurplus@...

# 296. did any one else see this? Ebay poop...

Yahoo group: T-368_BC-610
Date: 2000-03-16 13:46:15 UTC
From: Mark Foltarz
Topic: 296  Message: 296

I was surprised there were only two bids.

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=282462277

_____
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http://im.yahoo.com

# 297. Re: [T-368_BC-610] Color and Info

Yahoo group: T-368_BC-610
Date: 2000-03-17 03:31:56 UTC
From: Joe Foley
Topic: 297  Message: 297

> how many companies manufactured it?
+++++++++
So far, I know that Bendix Aviation, Barker and
Williamson, and Crosley made them.

> Is there a website for this info and I wonder
> about audio mods?
+++++++++
There are different webpages on the net that have
audio mods, some are simple, some are very extensive.
How deep ya wanna go?

The simplest are to jump the filters in the speech
amp, kill power to the carbon mike circuit and use a
D-104 mike.

Joe

_____
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http://im.yahoo.com

# 298. Tube line up

Yahoo group: T-368_BC-610
Date: 2000-03-17 18:00:02 UTC
From: Joe Foley
Topic: 298  Message: 298

Hi list,

What's the tube line up for a BC-610?

I want to dig in my small stash to see if I have any.

Thanks,

Joe

---
Do You Yahoo!?
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http://im.yahoo.com

# 299. Re: [T-368_BC-610] Tube line up

Yahoo group: T-368_BC-610
Date: 2000-03-17 18:05:32 UTC
From: Jack Taylor
Topic: 299  Message: 299

In the E version it's:

OD3, 100TH, 250TH, 2A3, 5Z3, 6L6, 6V6, 807, and 866A.

73 de Jack

-----Original Message-----
From: Joe Foley <redmenaced@...>
To: t-368_bc-610@onelist.com <t-368_bc-610@onelist.com>
Date: Friday, March 17, 2000 11:00 AM
Subject: [T-368_BC-610] Tube line up

>From: Joe Foley <redmenaced@...>
>
>Hi list,
>
>What's the tube line up for a BC-610?
>
>I want to dig in my small stash to see if I have any.
>
>Thanks,
>
>Joe
>
>_____
>Do You Yahoo!?
>Talk to your friends online with Yahoo! Messenger.
>http://im.yahoo.com
>
>------------------------------------------------------------------------
>GET A NEXTCARD VISA, in 30 seconds! Get rates
>as low as 0.0% Intro APR and no hidden fees.
>Apply NOW!
>http://click.egroups.com/1/975/3/_/592920/_/953316004/
>------------------------------------------------------------------------
>
>
>

# 300. Re: [T-368_BC-610] Tube line up

Yahoo group: T-368_BC-610
Date: 2000-03-17 20:18:05 UTC
From: Gary Pewitt
Topic: 298  Message: 300

Well lets see if I can do it from memory as I am at work.
1 250TH
2 100TH
2 807
2 2A3
2 866 or more modern replacement
3? OA3
1 6L6

memory's gone.

Let the experts take it from here

At 10:00 AM 3/17/00, Joe Foley wrote:
>From: Joe Foley <redmenaced@...>
>
>Hi list,
>
>What's the tube line up for a BC-610?
>
>I want to dig in my small stash to see if I have any.
>
>Thanks,
>
>Joe
>
>_____
>Do You Yahoo!?
>Talk to your friends online with Yahoo! Messenger.
>http://im.yahoo.com
>
>------------------------------------------------------------------------
>GET A NEXTCARD VISA, in 30 seconds! Get rates
>as low as 0.0% Intro APR and no hidden fees.
>Apply NOW!
>http://click.egroups.com/1/975/3/_/592920/_/953316004/
>------------------------------------------------------------------------

Gary Pewitt N9ZSV/AG gpewitt@...
6120 W. Calumet Rd. Apt 204 414-355-8147
Milwaukee, WI 53223
Sturgeon's Law "90% of everything is crap."

# 301. Re: [T-368_BC-610] Tube line up

Yahoo group: T-368_BC-610
Date: 2000-03-17 18:22:19 UTC
From: w7qho@aol.com
Topic: 299  Message: 301

From TM 11-281 for BC 610E:

VT-46-A , JAN 866A (2)
VT-95, JAN 2A3 (2)
VT-100, JAN 807 (2)
VT-107, JAN 6V6 (1)
VT-115, JAN 6L6 (1)
VT-139, JAN 0D3/VR150 (3)
VT-145, JAN 5Z3 (2)
VT-218, JAN 100TH (2)
VT-220, JAN 250TH (1)

For BC 614E Speech Amp:

VT-80, JAN 80 (1)
VT-103, JAN 6SQ7 (1)
VT-233, JAN 6SR7 (1)
VT-94, JAn 6J5 (2)
VT-231, JAN 6SN7GT (3)

Dennis D., W7QHO

# 302. Re: [T-368_BC-610] Tube line up

Yahoo group: T-368_BC-610
Date: 2000-03-17 23:18:33 UTC
From: Joe Foley
Topic: 299  Message: 302

--- w7qho@... wrote:
> From TM 11-281 for BC 610E:
>
> VT-46-A , JAN 866A (2)
> VT-95, JAN 2A3 (2)
> VT-100, JAN 807 (2)
++++++++
Got none of those

> VT-107, JAN 6V6 (1)
> VT-115, JAN 6L6 (1)
+++++++++
1 and 2 of those,...

> VT-139, JAN 0D3/VR150 (3)
> VT-145, JAN 5Z3 (2)
> VT-218, JAN 100TH (2)
> VT-220, JAN 250TH (1)
++++++++++
Zero on those, think I got a 5Z3 somewhere.

>
> For BC 614E Speech Amp:
>
> VT-80, JAN 80 (1)
+++++++++
Ha,.... got a new one of those, CBS-Hytron, on my
monitor, both filaments are sticking out the top,
bummer!

> VT-103, JAN 6SQ7 (1)
Got one,

> VT-233, JAN 6SR7 (1)
++++++
None,.....

> VT-94, JAn 6J5 (2)
++++++++
Got six, good, maybe used, maybe not, some steel, some
glass,...

> VT-231, JAN 6SN7GT (3)
+++++++
Jackpot! Got 34 good ones,... all sizes, makes, even
a Chevy!

Joe

---
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http://im.yahoo.com

# 303. (no subject)

Yahoo group: T-368_BC-610
Date: 2000-03-18 23:28:28 UTC
From: Joe Foley
Topic: 303  Message: 303

I snagged this off from the "AM Window" bulletin board:

In Reply to: Re: re-tubing a BC 610 posted by HG goofing off at work on March 17, 19100 at 16:34:07:

The 3-500z works for the 250th with a small change in neutralizing capacitance. The plastic air system socket can be attached to the chassis. With a little fabrication you can mount this socket without driling any new holes. I suppose the regular ceramic socket would not be too hard to use either. I used this setup for a while and it worked FB. You should have some air on the bottom pins at least. I used an additional filament xfmr.
The 833 also makes a good replacement. I am currently using one. Logged many miles with it with no problems except for when a moth flew into the plate tank while on the air at the last Gaithersburg. I totally forgot to plug in the bias rectifier tube and we were flying on self bias until the moth started cooking. Brief removal of the B+ allowed the arcing to stop and things returned to normal. That plate was Orange plus though.
810's would make a great modulator tube replacement choice. You can still use the existing driver lashup. I am using triode connected 813's at almost zero bias. The driver needs to be outboard or really changed with this setup. The old junkbox 100 Watt stereo amp into backwards connected output xfmr works well, eliminating the quest for driver parts.
Look for tubes that can handle plenty of B+. The later 610 power supply can be configured for 4 voltage levels. The highest will be better than 2300 Volts depending on your line voltage and weather you solid state the rectifier.
73, D.C.

---
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http://im.yahoo.com

# 304. Re: [T-368_BC-610] (unknown)

Yahoo group: T-368_BC-610
Date: 2000-03-19 02:11:17 UTC
From: w7qho@aol.com
Topic: 304  Message: 304

In a message dated 00-03-18 18:29:24 EST, you write:

<< The 833 also makes a good replacement. I am currently
using one. Logged many miles with it with no problems
except for when a moth flew into the plate tank while
on the air at the last Gaithersburg. Etc., Etc.,.....>>

I was there. This rig worked FB but it wasn't a BC-610 anymore.

Dennis D. W7QHO

# 305. Re: [T-368_BC-610] Speech Amplifier Subassembly

Yahoo group: T-368_BC-610
Date: 2000-03-19 14:38:50 UTC
From: Joe Foley
Topic: 305  Message: 305

--- Tony Wheeler <apwheeler@...> wrote:
> Joe:
> I ordered one of the xfmrs you told me about from
> Antique RS and got it
> jury-rigged in tonight. It works but has a lot of
> hum. Another problem
> has shown up now - the overload relay throws when
> xmtr is keyed. Doesen't
> need to be modulated for it to throw. Will work on
> that problem now.
++++++++++
How did you mount the "T-6"? I'll do some digging on
the overload problem.

Joe

_____
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http://im.yahoo.com

# 306. FA: TV2 Tube Tester

Yahoo group: T-368_BC-610
Date: 2000-03-19 18:10:41 UTC
From: Bruce James Howes
Topic: 306  Message: 306

Click here for the Ebay Link -->
http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=287044207

This is a very clean example of the TV2 tube tester. The TV2 is a top of the military tester which offers far more adjustments and measurements that the common TV7. Great for testing boatanchor and spare tubes. Can even test high voltage and some transmitting tubes!
I have had this unit since I was a teenager, but it has been stored for the last 15 years. Unit is very clean; both inside and on the case, showing no wear or damage aside form one slight ding on the bottom corner of the transport case.

Package comes complete with the original maintenance manual, and copy of detail service manual as show in the photo. The unit does seem to work, but the meter reads high. At this point I really don?t have a great for a tester so I have not tried to service it. All controls, switches and indicators are there and work. Tube roll chart seems to be the updated version. Great chance to own of one these rare and sought after testers.

Unit is located in Buffalo, NY, and buyer will be responsible for shipping costs, or local pickup.

Thank you.

# 307. Need BC-614 Connector

Yahoo group: T-368_BC-610
Date: 2000-03-19 23:51:43 UTC
From: Mikhael Brown
Topic: 307  Message: 307

Any one know of a source for a microphone connector that fits the BC-614 dynamic mic connector? This would be 3 conductor female plug. A normal mic plug is a male type. Also anyone know why designed it the way they did?

Thanks and 73's

Mike
N6WIG

_____
Get your own FREE, personal Netscape WebMail account today at http://webmail.netscape.com.

# 308. Power Supply for R-392 and other Mil Radios

Yahoo group: T-368_BC-610
Date: 2000-03-20 23:53:40 UTC
From: Joe Foley
Topic: 308  Message: 308

Please reply to Mr. Rose and not me, I'd like to buy
it but can't afford one.

Joe

--- "Jason E. Rose" <m151a1@...> wrote:
> *This message was transferred with a trial version
> of CommuniGate(tm) Pro*
> Anybody on the list interested in a 3 kW 28v
> generator? I have one for sale
> in excellent condition. It has 106 hours on it.
> Runs great.
>
> $250 obo in Boise.
>
> I know this is cheap, but my wife says it has to
> go!!
>
> Jason Rose
> BOise, ID
>
>
> ===Mil-Veh is a member-supported mailing list===
> To unsubscribe, send e-mail to:
> <mil-veh-off@...>
> To switch to the DIGEST mode, send e-mail to
> <mil-veh-digest@...>
> Send administrative queries to
> <mil-veh-request@...>
>

_____
Do You Yahoo!?
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http://im.yahoo.com

# 309. 'nother Ebay thing

Yahoo group: T-368_BC-610
Date: 2000-03-21 01:29:16 UTC
From: Joe Foley
Topic: 309  Message: 309

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=288198858

_____
Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
http://im.yahoo.com

# 310. E-bay 610 transformer

Yahoo group: T-368_BC-610
Date: 2000-03-21 03:08:13 UTC
From: Joe Foley
Topic: 310  Message: 310

http://search.ebay.com/search/search.dll?MfcISAPICommand=GetResult&ht=1&ebaytag1=ebayreg&query=bc-610&query2=bc-610&search_option=1&exclude=&category0=&minPrice=&maxPrice=&ebaytag1code=0&st=0&SortProperty=MetaEndSort

---
Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
http://im.yahoo.com

# 311. BC-614 mic connector?

Yahoo group: T-368_BC-610
Date: 2000-03-21 15:42:16 UTC
From: Mikhael Brown
Topic: 311  Message: 311

I had posted a WTB for a female 3 conductor mic connector to plug into the dynamic mic input on the BC-614 speech amp. I heard back from one individual that the dynamic mic connector on the BC-614 speech amp is a Female connector and the mic plug should be a male connector. My question now is, what sex should the dynamic mic connector be on the front panel of the BC-614 speech amp?

Thanks and 73's

Mike
N6WIG

_____
Get your own FREE, personal Netscape WebMail account today at http://webmail.netscape.com.

# 312. T-368/URT Registry Comments

Yahoo group: T-368_BC-610
Date: 2000-03-21 18:55:48 UTC
From: Hagan, Reid J
Topic: 312  Message: 312

I remember (a few weeks ago) seeing a posting about a T-3 registry of some sort with some comments that resulted from the original request. I do know that some people don't like to list their Serial Numbers publicly, and as someone correctly stated, most of the T-368's have mis-matched decks and enclosures in the first place-only complicating the issue. I feel that a simple registry of T-3 owners (either by call letters or names or both) might suffice. It would provide all of us a "pool of talent" from which to acquire technical data, modifications, parts, or just common interests to talk about on the air. Food for thought......

Reid W2HU

# 313. Re: [T-368_BC-610] BC-614 mic connector?

Yahoo group: T-368_BC-610
Date: 2000-03-21 21:31:14 UTC
From: dan harlan
Topic: 313  Message: 313

Hey Mike,

On my BC-614-E Speech amp the Dynamic 3 pin conn.
is Female, The conn at the end of the T50 mic is Male.
I know for a fact that the BC-614-D and -C also require
a male plug at the end of the T50 cord. Good luck finding
one though, Took many hamfest trips to track one down for
myself. There is a similar 4 pin connector that both the
chassis mount side and the cord side are available. When
assembled you cant tell the difference.

GL

Dan N8ETQ Cleveland

http://www.ameritech.net/users/dharlan/dans.htm

Mikhael Brown wrote:
>
> From: Mikhael Brown <n6wig@...>
>
> I had posted a WTB for a female 3 conductor mic connector to plug into the
> dynamic mic input on the BC-614 speech amp. I heard back from one individual
> that the dynamic mic connector on the BC-614 speech amp is a Female connector
> and the mic plug should be a male connector. My question now is, what sex
> should the dynamic mic connector be on the front panel of the BC-614 speech
> amp?
>
> Thanks and 73's
>
> Mike
> N6WIG
>
> _____
> Get your own FREE, personal Netscape WebMail account today at
http://webmail.netscape.com.
>
> ---------------------------------------------------------------------
> PERFORM CPR ON YOUR APR!
> Get a NextCard Visa, in 30 seconds! Get rates as low as
> 0.0% Intro or 9.9% Fixed APR and no hidden fees.
> Apply NOW!
> http://click.egroups.com/1/2121/3/_/592920/_/953653529/
> ---------------------------------------------------------------------

# 314. Re: [T-368_BC-610] T-368/URT Registry Comments

Yahoo group: T-368_BC-610
Date: 2000-03-21 22:26:43 UTC
From: Jack Taylor
Topic: 314  Message: 314

Is there a 'gray market' in T-368 units? There was if not a registry, a survey of R-390A owners awhile back to gather contract and production run info. Would this not be useful for BC-610 and T-368s?

73 de Jack

-----Original Message-----
From: Hagan, Reid J <reid.j.hagan@...>
To: '*****T-368 Group' <T-368_BC-610@onelist.com>
Date: Tuesday, March 21, 2000 11:55 AM
Subject: [T-368_BC-610] T-368/URT Registry Comments

>From: "Hagan, Reid J" <reid.j.hagan@...>
>
>I remember (a few weeks ago) seeing a posting about a T-3 registry of some
>sort with some comments that resulted from the original request. I do know
>that some people don't like to list their Serial Numbers publicly, and as
>someone correctly stated, most of the T-368's have mis-matched decks and
>enclosures in the first place-only complicating the issue. I feel that a
>simple registry of T-3 owners (either by call letters or names or both)
>might suffice. It would provide all of us a "pool of talent" from which to
>acquire technical data, modifications, parts, or just common interests to
>talk about on the air. Food for thought......
>
> Reid W2HU
>
>------------------------------------------------------------------------
>GET A NEXTCARD VISA, in 30 seconds! Get rates as low as 0.0%
>Intro or 9.9% Fixed APR and no hidden fees. Apply NOW!
>http://click.egroups.com/1/937/3/_/592920/_/953664898/
>------------------------------------------------------------------------
>
>
>

# 315. Re: [T-368_BC-610] T-368/URT Registry Comments

Yahoo group: T-368_BC-610
Date: 2000-03-21 23:32:57 UTC
From: W2ZR@aol.com
Topic: 314  Message: 315

Hi Gang,
I suggested a T-368 registry and said I'd be happy to collect the information for the use of the folks on the list. My reasons for having a registry were exactly the same as the ones expressed by Reid. If people dont want to publish their serial numbers (I've never understood that), that would be okay. I suppose, anyone who has registered their rig would get a copy of the entire list. Each time someone was added to or omitted from the list, everyone would receive an updated list.
Any comments or suggestions are welcome.

73,
Steve W2ZR
T-368C #391

# 316. Re: [T-368_BC-610] T-368/URT Registry Comments

Yahoo group: T-368_BC-610
Date: 2000-03-22 00:03:10 UTC
From: Joe Foley
Topic: 314  Message: 316

--- "Hagan, Reid J" <reid.j.hagan@...> wrote:
> I remember (a few weeks ago) seeing a posting about
> a T-3 registry of some
> sort with some comments that resulted from the
> original request. I do know
> that some people don't like to list their Serial
> Numbers publicly, and as
> someone correctly stated, most of the T-368's have
> mis-matched decks and
> enclosures in the first place-only complicating the
> issue. I feel that a
> simple registry of T-3 owners (either by call
> letters or names or both)
> might suffice. It would provide all of us a "pool
> of talent" from which to
> acquire technical data, modifications, parts, or
> just common interests to
> talk about on the air. Food for thought......
+++++++++
But, Reid,

I've already done that! Its this list!

Joe

_____
Do You Yahoo!?
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http://im.yahoo.com

# 317. Re: [onelist_moderators] Scheduled Maintenance

Yahoo group: T-368_BC-610
Date: 2000-03-22 04:58:48 UTC
From: Joe Foley
Topic: 317  Message: 317

--- admin@onelist.com wrote:
> From: admin@onelist.com
>
> Dear ONElist Moderators,
>
> The ONElist Web site will be offline for scheduled
> maintenance from 9
> PM until 10 PM Pacific Standard Time on Tuesday,
> March 21, 2000. Any
> mail posted to a group during this time will not be
> processed until
> after 10 PM Pacific Standard Time.
>
> We apologize for any inconvenience this may cause
> you or your
> subscribers. Please notify your subscribers of this
> scheduled
> downtime.
>
> Thank you in advance for your patience.
>
> The eGroups Team
>
>
>
>

_____
Do You Yahoo!?
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http://im.yahoo.com

# 318. T-368/URT Registry ---More Food for Thought---

Yahoo group: T-368_BC-610
Date: 2000-03-22 15:58:46 UTC
From: Hagan, Reid J
Topic: 318  Message: 318

Joe make's a good point-the T-368 Reflector might be the best place for berthing the registry. The main page could list the registry as a menu item, accessible by all members (or non-members) for information purposes. I think the point that Steve (W2ZR) makes, is that the registry should be in one place which is easily accessible by all. With Steve gracious volunteering to "do the footwork", I think the whole project might get off the ground with little trouble. The other reflectors, AM, military, etc. can be used for publicity, which can only make our group larger and more beneficial to us all.

Format and actual layout of the data can be determined, but maybe something like the following:

<Doe, John WX2XXX Trenton, NJ T-368 "D" Modifications such as..... etc.>

If set up properly, Excel format (or other), maybe a block could be provided to list mods, tips, unique audio used, problem areas, etc.

Reid W2HU

# 319. FS: T-368 HV Interlocks -New

Yahoo group: T-368_BC-610
Date: 2000-03-22 17:19:33 UTC
From: Bruce J. Howes KG2IC
Topic: 319  Message: 319

Hello gang,

I recently came across a small number of the infamous interlocks for the T-368, and some other miliatry gear. I say "infamous" for these beasts have become notorious for zorching out and causing all sorts of problems. I had jumped them out on several of my units as I could not located new parts.

However, I did come across some new ones. Again, these are new, not used, I unwrapped them myself from the milpac.

If I recall the T3 has four of these devils, one on each deck, and the last on the rear panel.

I am selling these as a kit of four as outlined below.

Each Includes:

- Black holder blocks and cover
- Spacers
- Two of the triangle contacts
- Large round male contact with the holder block

I am selling the set of four, as outlined above for $20, shipping included to CONUS.

I have a limited number of kits, if you are interested, please send off a email.

Tnx!

Sincerely,

Bruce James Howes

**********
"Winners form the habit of concentrating on what they want to happen;
losers concentrate on what they don't want to happen. In a pressure
situation,
winners call up past wins, losers recall past losses.
Both are self-fulfilling." -Thomas Edison
**********

[Non-text portions of this message have been removed]

# 320. T368 Night -Watta U Think?

Yahoo group: T-368_BC-610
Date: 2000-03-22 18:28:19 UTC
From: Bruce J. Howes KG2IC
Topic: 320  Message: 320

Because of continuing commercial development near my home QTH, I am very soon about to lose the large free space that I had my 160 meter loop antenna.(like before the end of the month!)
Before I become piss weak on a vertical I wanted to give the T3 one last flail.

What does the group think about having a "T368 Night"? A nice roundtable discussion, with the ops all on T3s. The Collins group does this with the KW-1, and it draws a good crowd.

Rather than tie up the "AM Window" I would suggest that we use 3815, or 3837 MC.

Get back to me and will try to publicize and coordinate this.

Tnx!

Sincerely,

Bruce James Howes

**********
"Winners form the habit of concentrating on what they want to happen;
losers concentrate on what they don't want to happen. In a pressure
situation,
winners call up past wins, losers recall past losses.
Both are self-fulfilling." -Thomas Edison
**********

[Non-text portions of this message have been removed]

## 321. Phil Mills

Yahoo group: T-368_BC-610
Date: 2000-03-23 03:24:47 UTC
From: Joe Foley
Topic: 321  Message: 321

E-mail me quick, I don't have your address.

Joe

_____
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http://im.yahoo.com

# 322. Re: [MilSurplus] FS items

Yahoo group: T-368_BC-610
Date: 2000-03-23 03:26:44 UTC
From: Joe Foley
Topic: 322  Message: 322

Reply to the "Telegrapher" dude, I have no coils.

Joe

--- Telegrapher@... wrote:
> I have numerous BC-610 coils. Only a couple have
> broken plastic or
> whatever you want to call it supports for the coils
> and they are mostly
> of the 2.0-2.5 mc and 3.5-4.5 mc variety. I do not
> have any extra for
> the 40 meter ham band though. If your interested i
> have both the
> swinging link style for the "E,F'G'H' & I" models.
> I also have some of
> the fixed link units which went with the A, B,C and
> I think the D models
> which predominately used the BC-729/BC-939 antenna
> tuners. The antenna
> tuner was not needed with the swinging link units.
> $15 per plus
> shipping from 85233 in Gilbert, AZ.
>
> As an added note, not for sale though, i also have
> the tuning units that
> cover 1.0-1.5mc and 1.5-2.0 mc and one that has been
> stamped on the side
> "modified for 10 meters". Remember the 40's? Even
> pics of some of the
> OF's setting in the rocking chair "working 10
> meters". Neat stuff.
>
> Larry W0OGH
>
> ---
> Submissions milsurplus@...
>

---
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http://im.yahoo.com

# 323. AM Window Bulletin Board

Yahoo group: T-368_BC-610
Date: 2000-03-23 03:56:42 UTC
From: Joe Foley
Topic: 323  Message: 323

Here's an Internet BBS that pertains to..... what
else?

AM Radios, Ham style.

http://www.thebizlink.com/am/wwwboard/wwwboard.html

---
Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
http://im.yahoo.com

# 324. HV Interlocks are all gone -Sri

Yahoo group: T-368_BC-610
Date: 2000-03-23 13:37:34 UTC
From: Bruce J. Howes KG2IC
Topic: 324  Message: 324

Sorry group, I am sold out of the HV interlocks.

Tnx to all for the response. They are going out in the mail today.

Enjoy the weekend!

Sincerely,

Bruce James Howes

**********
"Winners form the habit of concentrating on what they want to happen;
losers concentrate on what they don't want to happen. In a pressure
situation,
winners call up past wins, losers recall past losses.
Both are self-fulfilling." -Thomas Edison
**********

[Non-text portions of this message have been removed]

# 325. T-368 Night Next Saturday April 1 at 8:30PM

Yahoo group: T-368_BC-610
Date: 2000-03-23 13:53:22 UTC
From: Bruce J. Howes KG2IC
Topic: 325  Message: 325

Wow,

Great response on the "T-368 Night"! Nearly a dozen thought it was a great idea, and more wanted to chime in but were not able due to the condition of their transmitters.

I picked a weekend rather than a weekday as some of us have comittements during the week. If the group thinks a weekday is better we can change it around.

How does this date and format work for everyone?

Date--> Saturday, April 1st (there is something about the selection of April Fool's Day for this event)
Time--> 8:30 PM EST
Freq:-->3.715 MC on your AM dial
Format--> Roundtable, hosted by yours truly. Check in giving your T3 model, and short story about how you came by the TX, and what you had to do to get it on the air. Also relate any mods, problems, or tech tips as you see fit.
Structure--> T-368 users, and those who own a T3 but don't have it up yet can also check in.
Fun-->On the 2nd go around: Vote for the Best Audio, Vote for the Most Strapping Signal, and Vote for the Most Pissweak
I'll do a summary of the results and post on WB3HUZ's AM Window.

Please send off your reply if this date and time works for you.

Sincerely,

Bruce James Howes

**********
"Winners form the habit of concentrating on what they want to happen;
losers concentrate on what they don't want to happen. In a pressure
situation,
winners call up past wins, losers recall past losses.
Both are self-fulfilling." -Thomas Edison
**********

[Non-text portions of this message have been removed]

# 326. Correction to T-368 Night, Wrong Freq

Yahoo group: T-368_BC-610
Date: 2000-03-23 14:27:00 UTC
From: Bruce J. Howes KG2IC
Topic: 326  Message: 326

Sorry on the last post the freq for the T-368 Night should be 3815, NOT
3.715 MC.

3715 as that stuck in my head as it is my normal CW "hangout".
3815 is the mainstay of the Buffalo AM Triangle.

Sincerely,

Bruce James Howes

**********
"Winners form the habit of concentrating on what they want to happen;
losers concentrate on what they don't want to happen. In a pressure
situation,
winners call up past wins, losers recall past losses.
Both are self-fulfilling." -Thomas Edison
**********

[Non-text portions of this message have been removed]

# 327. registry

Yahoo group: T-368_BC-610
Date: 2000-03-24 00:31:53 UTC
From: W2ZR@aol.com
Topic: 327  Message: 327

Hi Gang,
As has been discussed here recently, some of the list subscribers would like a registry of T-368 owners that would be available to all who participate. I am happy to act as the registrar.
It has been suggested that participants submit their call sign and any pertinent info such as model (e.g. T-368E), manufacturer, bands/modes used, etc. I will accept and log serial numbers if given but recognize that some folks dont like to share that info.
Anyone who'd like to send the info to me may do so immediately. Each time there is any change in the registry, I'll send a revised copy to all who participate.

73,
Steve W2ZR

# 328. RE: [T-368_BC-610] registry

Yahoo group: T-368_BC-610
Date: 2000-03-24 02:16:14 UTC
From: Meir Ben-Dror
Topic: 327  Message: 328

Hi Steve and all,

I have no problems publishing my T-368 serial number.

Here it is: T-368E/URT, S/N 628, Barker&Williamson, Order 15117-PP-62. I got it from Fair Radio 8 years ago, came completely retubed and tested after depot overhaul (the depot tag was still on it). It's as issued, and cabled to the pair of R-390A's through the remote control/junction box for audio input and receiver selection as in the original GRC-26D configuration.
I use it mainly on 3885 on AM on the East-Coast Military Collectors' Net a. k. a. OMRN (Old Military Radio Net), with the M-29 microphone. Frankly I never used it on CW but I should really try...

73, Meir WF2U

-----Original Message-----
From: W2ZR@... [mailto:W2ZR@...]
Sent: Thursday, March 23, 2000 7:32 PM
To: T-368_BC-610@onelist.com
Subject: [T-368_BC-610] registry

From: W2ZR@...

Hi Gang,
As has been discussed here recently, some of the list subscribers would like a registry of T-368 owners that would be available to all who participate. I am happy to act as the registrar.
It has been suggested that participants submit their call sign and any pertinent info such as model (e.g. T-368E), manufacturer, bands/modes used, etc. I will accept and log serial numbers if given but recognize that some folks dont like to share that info.
Anyone who'd like to send the info to me may do so immediately. Each time there is any change in the registry, I'll send a revised copy to all who
participate.

73,
Steve W2ZR

---
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---

# 329. BC-160 registry

Yahoo group: T-368_BC-610
Date: 2000-03-24 14:59:26 UTC
From: Mikhael Brown
Topic: 329  Message: 329

It there already or if not is there interest in a BC-610 registry?

Mike
N6WIG

_____
Get your own FREE, personal Netscape WebMail account today at http://webmail.netscape.com.

# 330. Re: [BoatAnchors] need info on signal corp. control unit.

Yahoo group: T-368_BC-610
Date: 2000-03-24 17:22:38 UTC
From: Joe Foley
Topic: 330  Message: 330

This thing sound familiar to anyone?

Joe

--- Ralph Howes <rhowes@...> wrote:
> Greetings:
> I have come across a U.S.Army Signal Corp. "Control
> Unit" model C104/T10-3
> made by The Eastern Co. It has a Bendix tube inside
> that is on the large
> side. Clearly printed on it is:
> Bendix
> JAN-CEA-5R4WGB
>
> With it is a Amplifier, Audio Frequency, model AM
> 700A/T10-3. Any idea what
> it is and is it worth picking up? They are both in
> wooden boxex with clasps
> on the sides. Fairly good condition. Did not see any
> cables to hook them
> together or anything.
>
> Thanks for reading this msg. Hope to hear from
> someone.
> Ralph Howes
> W8BVH
>
> This is the first day of the rest of your life !
>
>
> ---
> Submissions boatanchors@...
>

---------------------------------------------------
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# 331. Re: [onelist_moderators] Scheduled maintenance

Yahoo group: T-368_BC-610
Date: 2000-03-24 21:53:32 UTC
From: Joe Foley
Topic: 331  Message: 331

```
--- admin@onelist.com wrote:
> From: admin@onelist.com
>
> Dear ONElist Moderators,
>
> The ONElist Web site will be offline for scheduled
> maintenance from 6 PM until 7 PM Pacific Standard
> Time on
> Sunday, March 26, 2000. Any mail posted to a group
> during
> this time will not be processed until after 7 PM
> Pacific
> Standard Time.
>
> We apologize for any inconvenience this may cause
> you or
> your subscribers. Please notify your subscribers of
> this
> scheduled downtime.
>
> Thank you in advance for your patience.
>
> The eGroups Team
>
>
>
>


_________________________________________________
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```

# 332. Re: [T-368_BC-610] registry

Yahoo group: T-368_BC-610
Date: 2000-03-25 02:16:07 UTC
From: Gene G. Beckwith
Topic: 327  Message: 332

Meir Ben-Dror wrote:
>
> From: "Meir Ben-Dror" <mbendror@...>
>
> Hi Steve and all,
>
> I have no problems publishing my T-368 serial number.
>
> Here it is: T-368E/URT, S/N 628, Barker&Williamson, Order 15117-PP-62. I got
> it from Fair Radio 8 years ago, came completely retubed and tested after
> depot overhaul (the depot tag was still on it). It's as issued, and cabled
> to the pair of R-390A's through the remote control/junction box for audio
> input and receiver selection as in the original GRC-26D configuration.
> I use it mainly on 3885 on AM on the East-Coast Military Collectors' Net a.
> k. a. OMRN (Old Military Radio Net), with the M-29 microphone. Frankly I
> never used it on CW but I should really try...
>
> 73, Meir WF2U
>
> -----Original Message-----
> From: W2ZR@... [mailto:W2ZR@...]
> Sent: Thursday, March 23, 2000 7:32 PM
> To: T-368_BC-610@onelist.com
> Subject: [T-368_BC-610] registry
>
> From: W2ZR@...
>
> Hi Gang,
> As has been discussed here recently, some of the list subscribers would
> like a registry of T-368 owners that would be available to all who
> participate. I am happy to act as the registrar.
> It has been suggested that participants submit their call sign and any
> pertinent info such as model (e.g. T-368E), manufacturer, bands/modes used,
> etc. I will accept and log serial numbers if given but recognize that some
> folks dont like to share that info.
> Anyone who'd like to send the info to me may do so immediately. Each
> time there is any change in the registry, I'll send a revised copy to all
> who
> participate.
>
> 73,
> Steve W2ZR
>
> ------------------------------------------------------------------------
> MAXIMIZE YOUR CARD, MINIMIZE YOUR RATE!

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> 0.0% Intro or 9.9% Fixed APR and no hidden fees.
> Apply NOW!
> http://click.egroups.com/1/2122/3/_/592920/_/953857935/
> ---------------------------------------------------------------------
>
> ---------------------------------------------------------------------
> DON'T HATE YOUR RATE!
> Get a NextCard Visa, in 30 seconds! Get rates as low as
> 0.0% Intro or 9.9% Fixed APR and no hidden fees.
> Apply NOW!
> http://click.egroups.com/1/2120/3/_/592920/_/953864325/
> ---------------------------------------------------------------------

Meir,

Very interested in your comment about the "control box" from ur T-368 to the R-390's...I've been trying to find some description and info that might put me on the trail of finding the 'box'...

What does it look like, and what nomenclature does ti carry...? Any idea where to find such a critter?

Have two T-3's on a B&W and the other a Bendix Aviation ... can list serials, but don't have them at the PC as I read the mail this PM...

Thanks for any info es 73,

Gene

W8KXR

# 333. Re: [T-368_BC-610] T-368 Night Next Saturday April 1 at 8:30PM

Yahoo group: T-368_BC-610
Date: 2000-03-25 03:02:36 UTC
From: Gene G. Beckwith
Topic: 333  Message: 333

Bruce J. Howes KG2IC wrote:
>
> From: "Bruce J. Howes KG2IC" <bhowes@...>
>
> Wow,
>
> Great response on the "T-368 Night"! Nearly a dozen thought it was a great
> idea, and more wanted to chime in but were not able due to the condition of
> their transmitters.
>
> I picked a weekend rather than a weekday as some of us have comittements
> during the week. If the group thinks a weekday is better we can change it
> around.
>
> How does this date and format work for everyone?
>
> Date--> Saturday, April 1st (there is something about the selection of April
> Fool's Day for this event)
> Time--> 8:30 PM EST
> Freq:-->3.715 MC on your AM dial
> Format--> Roundtable, hosted by yours truly. Check in giving your T3 model,
> and short story about how you came by the TX, and what you had to do to get
> it on the air. Also relate any mods, problems, or tech tips as you see fit.
> Structure--> T-368 users, and those who own a T3 but don't have it up yet
> can also check in.
> Fun-->On the 2nd go around: Vote for the Best Audio, Vote for the Most
> Strapping Signal, and Vote for the Most Pissweak
> I'll do a summary of the results and post on WB3HUZ's AM Window.
>
> Please send off your reply if this date and time works for you.
>
> Sincerely,
>
> Bruce James Howes
>
> **********
> "Winners form the habit of concentrating on what they want to happen;
> losers concentrate on what they don't want to happen. In a pressure
> situation,
> winners call up past wins, losers recall past losses.
> Both are self-fulfilling." -Thomas Edison
> **********
>
> [Non-text portions of this message have been removed]
>

> ---------------------------------------------------------------------
> GET A NEXTCARD VISA, in 30 seconds! Get rates as low as 2.9%
> Intro or 9.9% Fixed APR and no hidden fees. Apply NOW!
> http://click.egroups.com/1/936/3/_/592920/_/953819712/
> ---------------------------------------------------------------------

Bruce,

Will try to be there...My T-3's are sleeping just now...but will give it a try on 01/April...

73,

Gene

W8KXR

# 334. T-368 T-6 Transformer

Yahoo group: T-368_BC-610
Date: 2000-03-25 02:26:51 UTC
From: Joe Foley
Topic: 334  Message: 334

Hi List,

I'm still working on my T-3 to get it on the air.

Today I got the replacement transformer from Antique Electronic Supply. Its much smaller than the original with thinner laminations. One list member already uses this transformer and reports a loud hum. Maybe he should swap the leads to take advantage of the polarity of the windings? Having heard that and having seen the label on the old one that said "This unit placed for minimum hum" I suspected a potential problem.

So I made a mount for the new transformer consisting of two 1/4" thick aluminum discs drilled and tapped to sandwitch the chassis when screwed together. I put RTV between the two discs for mechanical isolation and ran wire #3 to the top disc to maintain the ground. This resulted in no hum, but I still have no idea about what the signal sounds like.

The problem is that the modulation level isn't up to maximum, only about 140 mA. This could be because the input impedance is 10 K ohms instead of 15 K ohms like the original. Haven't checked farther than that yet.

I had to De-oxit the Modulation Level pot as it had a skippy spot right where I needed it to sit, much better now.

Ok, the dummy load's cooled off now, I can go play again.....

Joe

---
Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
http://im.yahoo.com

# 335. MRCG 2000

Yahoo group: T-368_BC-610
Date: 2000-03-25 19:35:48 UTC
From: w7qho@aol.com
Topic: 208  Message: 335

Reminder: Military Radio Collectors Group 2000 Meeting

The fifth annual meeting of the Military Radio Collectors Group (MRCG) will be held at Camp San Luis Obispo (CA) on Friday and Saturday, 5/6 May 2000.

Friday will be devoted to equipment setup, operating events and informal get-togethers at the NCO club and the adjacent RV area. Those wishing to set up and operate at the event may do so under their own calls. Suggested frequencies are 3885, 3970 and 7293 kHz for AM, 3996 and 7296 kHz for USB and 29.6 and 51.0 mHz for FM.

The swap meet starts Saturday at sunup in the parking area adjacent to the NCO club, and the formal program will begin at 0900. Speakers this year will address WW-2 Japanese and German equipment, pre WW-2 government radio intercept activities, and the newer generation of military radios now becoming available through surplus channels.

A BBQ lunch will be served at midday Saturday (as in previous years).

Throughout the meet numerous examples of vintage equipment will be in operation and on display.

For additional information contact Dennis DuVall, W7QHO, (818)240-7907, w7qho@..., or Hank Brown, W6DJX, (661)943-2027. As the meeting date approaches, look for additional announcements of general interest.

# 336. need manual for MD-239A/GR fsk modulator

Yahoo group: T-368_BC-610
Date: 2000-03-25 19:39:50 UTC
From: plmills@attglobal.net
Topic: 336  Message: 336

Hello,

I need a manual for the MD-239A/GR fsk modulator that goes with the T-368 transmitter. I will buy outright, pay for a copy, or borrow manual to copy myself. Any help would be sincerely appreciated.

Also, can anyone tell me what fsk demodulator (receiving converter) might have been used in conjunction with the T-368 and R-390 or R390A setup?

thanks & 73,
Phil
W5BVB

# 337. 610 Crystals on E-bay

Yahoo group: T-368_BC-610
Date: 2000-03-26 00:28:36 UTC
From: Joe Foley
Topic: 337  Message: 337

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=292162029

_____
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http://im.yahoo.com

# 338. "nother R@Re URM-25D on E-bay

Yahoo group: T-368_BC-610
Date: 2000-03-26 00:33:45 UTC
From: Joe Foley
Topic: 338  Message: 338

Got the toys, too!!

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=292612738

_____
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http://im.yahoo.com

# 339. t-368 depot maint manual for sale

Yahoo group: T-368_BC-610
Date: 2000-03-27 22:03:32 UTC
From: plmills@attglobal.net
Topic: 339  Message: 339

Hello,

I have an extra TM-11-809-35. This is the Field and Depot
Maintenance Manual and covers the T-368, -A, -B, and -C plus
the BC-939B antenna tuner. It is complete and in good
condition. Price is $13 which includes postage in US.

thanks & 73,
Phil
W5BVB

# 340. T-368 registry

Yahoo group: T-368_BC-610
Date: 2000-03-29 01:21:19 UTC
From: W2ZR@aol.com
Topic: 340  Message: 340

Hi,
I've begun keeping a registry of T-368 transmitters. An up to date copy of the registry will be distributed to all those who participate. Just send me your call sign, manufacturer, contract number and serial number (optional). I'm sure all of the T-3 users would enjoy knowing something about the other ones out there. For those unfamiliar, there is a T-368 & BC-610 email list. If you'd care to subscribe, the address is in the header above. Thanks.

73,
Steve W2ZR
Crosley T-368C #391

# 341. Re: [onelist_moderators] Scheduled maintenance

Yahoo group: T-368_BC-610
Date: 2000-03-29 04:09:55 UTC
From: Joe Foley
Topic: 331  Message: 341

```
--- admin@onelist.com wrote:
> From: admin@onelist.com
>
> Dear ONElist Moderators,
>
> The ONElist Web site will have brief, intermittent
> outages
> due to scheduled maintenance from 6 AM until 2 PM
> Pacific
> Standard Time on Saturday 1st April, 2000
>
> We apologize for any inconvenience this may cause
> you or
> subscribers. Please notify your subscribers of this
> service
> announcement.
>
> Mail delivery will not be affected during this time.
>
> Any mail posted during these hours will be processed
> in
> the regular manner.
>
> Thank you in advance for your patience.
>
> The ONElist Team
>
>
>
>

_____________________________________________
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http://im.yahoo.com
```

# 342. Re: [BoatAnchors] Radio Collection Sale

Yahoo group: T-368_BC-610
Date: 2000-03-30 01:10:23 UTC
From: Joe Foley
Topic: 342  Message: 342

Reply to sx28, I don't know anything about any of this
stuff.

Joe

--- sx28@... wrote:
> DX-100 working $175
> DX-100B working $200
> DX-60B, HR-10 w/xtal cal/HG-10 working $250
> T-60 working
> Valint working $375
> HQ-170 working $375
> HQ-110 working $275
> HQ-150 working $350
> HQ-140X working $275
> HT-32 working bandswitch intermittent on 80 meters
> $200
> SX-101 working on/off switch bad $200
> BC-610-H working complete with audio driver, Antenna
> tuner, coils, tu's
> $1,000
> B&W 5100 working $275
> SX-101 mark IIA working no cabinet $275
> SX-99 working $200
> SX-28 working $400
> SX-32 working $400
> Harvey Wells T-90/R90/ps working $400
> S-40B working $200
> S-20R Sky Champion working $300
> Johnson KW matchbox with meter $250
> Many more items including speakers, meters, tubes
> Broadcast radios, Zeniths, RCA, Philco, Howard,
> consols, transistor radio
> collection,
> novilty radio collection. Must see to appreciate.
> Cash & Carry only - no shipping - call for
> appointment - no trading -
> Please no harrassing inquiries or phone calls only
> serious calls only to
> 219-255-4455, Mishawaka, Indiana (see some items on
> my web page)
> 80 miles East of Chicago, 80 miles West of Ohio, 140
> miles North of
> Indianapolis,
> 10 miles West of Elkhart, Indiana, 45 minutes East

> of Michigan City,
> Indiana,
> Telephone calls only between 9:00-7:00 EST
> -No Shipping- No checks - No trades - No Smoker -
> Most gear working and
> in very good to excellent conndition - No Junk -
> Must see to appreciate
> my collection -
> http://NI9Y.tripod.com/ni9y.html
>
>

---

> YOU'RE PAYING TOO MUCH FOR THE INTERNET!
> Juno now offers FREE Internet Access!
> Try it today - there's no risk! For your FREE
> software, visit:
> http://dl.www.juno.com/get/tagj.
>
> ---
> Submissions boatanchors@...
>

---

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## 343. today's ebay funny....

Yahoo group: T-368_BC-610
Date: 2000-03-31 13:03:22 UTC
From: Mark Foltarz
Topic: 343  Message: 343

yeah, those "8 oh! 7's" are pretty scarce.

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=295650964

_____
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# 344. T3 Night Out

Yahoo group: T-368_BC-610
Date: 2000-04-01 17:59:02 UTC
From: Bruce James Howes
Topic: 344  Message: 344

Hello fellow Boatanchorites,

Don't Forget that tonight is "T3 NIGHT"!

Even if you don't have your transmitter up and going, you are still welcome to check and join the gang.

Here are the stats:

Date--> Saturday, April 1st

Time--> 8:30 PM EST

Freq:-->3.815 MC on your AM dial

Format--> Roundtable, hosted by yours truly. Check in giving your T3 model, and short story about how you came by the TX, and what you had to do to get it on the air. Also relate any mods, problems, or tech tips as you see fit.

Structure--> T-368 users, and those who own a T3 but don't have it up yet can also check in with their choice of TX.

Fun-->On the 2nd go around: Vote for the Best Audio, Vote for the Most Strapping Signal, and Vote for the Most Pissweak

I'll do a summary of the results and post on WB3HUZ's AM Window.

So I will see you there, April 1st, 8:30PM EST, on 3.815MC in the AM Mode for the 1st formal "T3 Night Out".

73 Bruce KG2IC

# 345. First Ever T-3 Net Report

Yahoo group: T-368_BC-610
Date: 2000-04-02 04:43:08 UTC
From: Joe Foley
Topic: 345  Message: 345

Hi List,

The First Ever T-3 Net was held tonight from 8:30 to 10:30. There were 6 check-ins during the net and one afterward.

KG2CI, Bruce, Net Control

KG2CI, Me

KA3OTT, Ott

W3NP, Dave

WB3FAU, Russ

WB2EMS, Kevin

With KB0HG, Bill, checking in after the net.

The discussion covered many aspects relating to operation, design, and restoral of the T-3's. The Interlocks and the B-2 Blowers were covered in detail with most having the same problems with the Interlocks, electrician's oxidation inhibitor goop being the best remedy, and many people either not using the B-2 fans at all or substituting muffin fans.

Band conditions were bad! Everyone was heard with some fading and the usual QRM, but the T-3's did a good job of clearing out any stray SSB'ers. Amazing how that happens!!

The audio quality was great on KG2CI's rig and on W3NP's, both levels to shoot for in attaing good audio quality. KA3OTT's audio was good, too, but at my location I couldn't hear him well, our antennas weren't pointed at each other.

I guess I had the best signal of all but I'm having modulation problems. That doesn't disappoint me at all, this is my first HF station and first experience on HF, Tuesday night actually. The T-3 performed very well for not having been used for probably 10 or more years. No problems encountered except the low modulation level. It was a rush to get it on the air for the net. The Inverted "V" antenna at 35' worked very well, which wasn't expected at all, it got out to

Colorado!! The T-storms in the midwest and the low mod level kept KB0HG from getting solid copy, but it got there!

There were several interesting stories about how everyone managed to get their T-3's and get them home, Bruce, I hope you heal up soon. Pick those power supply decks up carefully!!

A good time was had by all.

One question: Did anyone on the list listen in? Especially those who are waiting for T-3's to come up for sale.

Maybe next time I can monitor the E-mail and post responses on the air.

So far since I've been on the air I've found one ham in Michigan who has an R-390A with the SSB unit who doesn't have access to the Internet and wants information on the mods and how to troubleshoot and tune it. Another guy in Salem, Ohio who has a BIG collection of radios and hasn't ever heard of Fair Radio!! Too bad his transmitter crapped out while I was talking to him. He needs a T-3.

We can help these people!

Joe

---
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http://im.yahoo.com

# 346. Interesting tube site

Yahoo group: T-368_BC-610
Date: 2000-04-02 05:10:48 UTC
From: Joe Foley
Topic: 346  Message: 346

http://www.vcnet.com/measures/

_____
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http://im.yahoo.com

# 347. T368 Night Results

Yahoo group: T-368_BC-610
Date: 2000-04-02 19:39:54 UTC
From: Bruce James Howes
Topic: 347  Message: 347

Here at the "Official" Results of the 1st ever T-368 night...

First the group convened on 3.815MC, but due to heavy SSB activity, and at the suggestion of Dave W3NP, we moved up band to 3.820MC. That frequency was clear for but a few minutes when some slop buckets (yes I use the term "slop buckets" for this inconsiderate SSB stations that QRM AM ops) decided to lay claim to the frequency. Undaunted the T3 group burned a hole right through, and despite the QRM and poor band conditions, had a super QSO with a duration of over 2 hours!

The discussion was structured as a brief introduction of the each operator, his T3, and where he got it from. We then went on to a discussion of each members audio chain, past crap outs and fixes, some tech tips, where to scrounge parts, etc.

I especially enjoyed hearing Dave W3NP expound on his T3 experiences, station layout, and modifications to the cooling system. I think the stock T3 cooling system generated more comments and mods than anything else.

It was one of my more enjoyable QSOs, and wonderful to hear all the T3s on, and I do thank all the guys stayed in despite the rough band conditions, I am sure that we made a lasting impression on the those doing the QRM. The plastic radio crowd found more than a match in the 700lb T368. I think it was Ott KA3OTT who best described the T3 as the "Harley Davidson" of transmitters!

My votes:

Most Strapping Signal: Russ WB3FAU -Good to hear you on again, I first met you with my old "F" model, always good to hear your friendly voice.

Best Audio: Dave W3NP -just like you were sitting in the room with me! Some great comments and observations as well!

Most Interesting Quote: Ott KA3OTT -see the Harley Davidson comment

Most Improved Signal/Audio: Kevin WB2EMS -Hey Kevin, the "new" T3 beats the old Icom 706 hands down! Bet it's more fun to operate too!

Special Thanks: Joe KG2CI -for your T3 reflector, without which it would have been tough to publicize the event!

That's it, let's do it again sometime!

**********
Bruce J. Howes KG2IC email: kg2ic@...
East Amherst, NY 14051 web: www.buffnet.net/~bhowes
"Imagination is more important than knowledge." -Albert Einstein

**********

# 348. tube tester transformer on E-bay

Yahoo group: T-368_BC-610
Date: 2000-04-02 22:56:20 UTC
From: Joe Foley
Topic: 348  Message: 348

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=298538172

_____
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# 349. Re: [BoatAnchors] Sale again

Yahoo group: T-368_BC-610
Date: 2000-04-03 00:28:54 UTC
From: Joe Foley
Topic: 349  Message: 349

--- ni9y <ni9y@...> wrote:
> SX-100 w R-46B speaker excellent working $300
> SX-28 w/R-42 speaker excellent working $400
> SX-28A excellent - no cabinet w R-42 speaker $275
> SX-32 excellent working bandswitch scratchy $400
> SX-100 w R-46B speaker beautiful working no cabinet
> $300
> SX-99 w speaker fantastic working $200
> SX-24 super wonderful working $175
> S-53A like wow working $100
> S20R beautiful mint working $250
> Heathkit SW 717 4 band shortwave receiver very nice
> $80
> Heathkit GR-91 4 band shortwave receiver very nice
> $90
> Knight VFO nice $65
> Viking Challanger Transmitter mint $250
> Hallicrafters HA-1 TO keyer working $100
> Hallicrafters Spatter Guard with pickup mint $150
> Hallicrafters Mark IIA linear great $800
> Collins KWM-2A winged w clamp on ps perfect $1300
> Collins KWM2 winged with clamp on ps perfect $1100
> Collins 3-12B4 real nice $200
> Collins 3-12B4 real nice $200
> Collins 30L-1 mint $800
> Collins 310-B3 exciter mint $500
> Collins 75A-4 fantastic w cw/ssb filters and speaker
> $1800
> Collins 32V-2 beautiful and working $800
> Heathkit swr bridges, antenna tuners, Q-multipler
> Knight T-60, matching swr bridge $160
> Knight T-60 $100
> AT-1 with collins knobs working beautiful $300
> AT-1 with Heath knobs working beautiful $275
> HQ-170 excellent no clock with matching speaker
> working $375
> HQ-110 excellent working with matching speaker $300
> HQ-140X great looking working $275
> HQ-150 really nice working $350
> HQ-129X wonderful working $275
> NC-300 looks great w xtal cal working $275
> DX-100 callsign decal on front excellent working
> $275
> DX-60B, HR-10 w/xtal cal,HG-10, excellent $250
> DX-60, HG-10 (bezel on vfo needs to be attached)

> $150
> B&W 5100 excellent to mint working $300
> HT-32 80 looks great meter position scratchy $200
> VALIANT excellent mint working $425
> BC-610-H, BC-614, BC-939, coils, tuning units,
> original manuals $1K
> (beautiful)
> HARVEY WELLS T-90/R-90/matching 110vac ps excellent
> $275 real nice
> HARVEY WELLS TBS-50/w ps needs tlc $150 looks great
> Dozens of antique broadcast sets, Zeniths, RCA,
> Westinghouse, Philco,
> Teledyne, Morrow, Crosley, 1920-1930 vintage sets,
> and boxes of
> collector transistor radios, and novelty radios.
> Call Dan at 219-259-9445 Mishawaka, Indiana 46545
> 80 miles East of Chicago, 140 miles North of
> Indianapolis, 40 miles SE
> Benton Harbor. No phone calls after 8 pm EST.
> Serious buyers only.
> Cash & Carry only- many items already sold...
> First come first serve no deposits accepted.
> Why wait until my estate sale when you can talk to
> the owner live and in
> person.
>
> ---
> Submissions boatanchors@...
>

---------------------------------------------------
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# 350. Low Modulation Level

Yahoo group: T-368_BC-610
Date: 2000-04-03 22:08:29 UTC
From: Joe Foley
Topic: 350  Message: 350

Ok,

I made it through the shakedown cruise with only one problem. Low modulation.

I've checked the manual and found only remedies for no mod and excessive mod, evidently this one of those where they just replaced the whole transmitter.

I also found no routine for adjusting R-74 which seems to be associated with the line that feeds the MODULATION BIAS pot. All asssociated resistors test good near the Bias pot. I took the Bias pot apart and cleaned the contacts, they were dirty, but no improvement. Swapped the BNC cables going to the speech amp, no improvement. Cleaned and De-oxited all plugs and tubes, no improvement.

Maximum mod level is 180 Ma, 60 Ma at rest.

Questions: What's the voltage at the Bias pot supposed to be?

What's the voltage at the center tap of T-6 supposed to be?

How do I test a 4D21?

Any ideas?

Thanks,

Joe

---------------------------------------------------
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# 351. T368 night results

Yahoo group: T-368_BC-610
Date: 2000-04-03 22:53:42 UTC
From: Kevin Feeney
Topic: 351  Message: 351

Hi All,

I thoroughly enjoyed the T3 night out, and especially getting to know some of the other operators with them on the air. I spent most of the qso listening and learning, the discussion on airflow was very interesting as I'd like to quiet down my unit also as it's a small noisy shack with it running the big blower. Warm too! :-)

Joe, very nice to hear you on and know you got it up and running after the trials you've encountered with it. Your signal was up there with the strongest of them, second only to Dave at my QTH. The audio was a bit more restricted than the others, you seemed to be missing some lows compared to the others, but it was very punchy and intelligible.

My votes are

Most Strapescent - Dave W3NP. I think everyone else was too close for really good propagation with the conditions Sataurday. I know I've heard Bruce with a considerably stronger signal on other days than he had that night. It seemed the further away, the stronger the signal.

Best Audio - Bruce KG2IC. Sounded just like you did when I saw you at Newark.

Best Topic - the cooling fans and various approaches to quieting things down. I think I'm going to pipe in a temperature probe into mine this week and see how warm things get with the stock cooling system so I'll have a reference when I start trying to run quieter fans.

Looking forward to doing this again soon. Maybe we should try it on 160 sometime too.

Kevin, WB2EMS

"When I was a child, my mother told me not to talk to strangers.
But now that I'm a ham, it's my hobby! "

# 352. Re: [T-368_BC-610] T368 night results

Yahoo group: T-368_BC-610
Date: 2000-04-03 23:56:56 UTC
From: Joe Foley
Topic: 352  Message: 352

It was good to hear you, too bad we didn't go around
more times, but I'll get on more often now that its up
and running. Got to get a more dependable job to pay
for the electric bill, though.

I think you're right about the receivers being too
close, you, Bruce, and Dave are off the ends of my "V"
antenna so you probably didn't get the same effect
that OTT did, I think I blew his headset off. I
talked to KB0HG in Colorado after the net, he could
only copy 60% but the T-storms in the midwest were
real bad. I'm NOT disappointed.

Dave's signal was good (loud), his audio was great!
Gotta do that to mine.

I could hardly hear Russ, which is strange because
Erie's not that far away. Wonder which way he has his
antenna pointed.

I'd like to thank everyone for their support and help
in getting my T-3 running.

Joe

--- Kevin Feeney <fkf1@...> wrote:
> Hi All,
>
> I thoroughly enjoyed the T3 night out, and
> especially getting to know some
> of the other operators with them on the air. I spent
> most of the qso
> listening and learning, the discussion on airflow
> was very interesting as
> I'd like to quiet down my unit also as it's a small
> noisy shack with it
> running the big blower. Warm too! :-)
>
> Joe, very nice to hear you on and know you got it up
> and running after the
> trials you've encountered with it. Your signal was
> up there with the
> strongest of them, second only to Dave at my QTH.
> The audio was a bit more
> restricted than the others, you seemed to be missing
> some lows compared to

> the others, but it was very punchy and intelligible.
>
> My votes are
>
> Most Strapescent - Dave W3NP. I think everyone else
> was too close for
> really good propagation with the conditions
> Sataurday. I know I've heard
> Bruce with a considerably stronger signal on other
> days than he had that
> night. It seemed the further away, the stronger the
> signal.
>
> Best Audio - Bruce KG2IC. Sounded just like you did
> when I saw you at Newark.
>
> Best Topic - the cooling fans and various approaches
> to quieting things
> down. I think I'm going to pipe in a temperature
> probe into mine this week
> and see how warm things get with the stock cooling
> system so I'll have a
> reference when I start trying to run quieter fans.
>
> Looking forward to doing this again soon. Maybe we
> should try it on 160
> sometime too.
>
> Kevin, WB2EMS
>
> "When I was a child, my mother told me not to talk
> to strangers.
> But now that I'm a ham, it's my hobby! "
>
>
>

---
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http://im.yahoo.com

# 353. Strange! A NEW tube book.

Yahoo group: T-368_BC-610
Date: 2000-04-04 01:33:34 UTC
From: Joe Foley
Topic: 353  Message: 353

http://www.technicalpress.com/Books/PTH/power.htm

_____
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# 354. Survey?

Yahoo group: T-368_BC-610
Date: 2000-04-04 03:20:06 UTC
From: Joe Foley
Topic: 354  Message: 354

The list server that this list comes from has an
option to take surveys. They help the list members
know about the list members.

Is this important to you?

What do you want to know?

What questions would you like answered about the
members of this list?

What questions would you not want to answer?

Or should I stick my head back in the sand? Or better
yet in my T-3?

Joe

_____
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http://im.yahoo.com

# 355. Re: [T-368_BC-610] Low Modulation Level

Yahoo group: T-368_BC-610
Date: 2000-04-04 20:37:21 UTC
From: Joe Foley
Topic: 355  Message: 355

--- W7QHO@... wrote:
> In a message dated 00-04-03 18:17:42 EDT, you write:
>
> << I also found no routine for adjusting R-74 which
> seems
> to be associated with the line that feeds the
> MODULATION BIAS pot. >>
>
>
> Ah-ha, R74, found it! This is R128 in earlier
> models and doesn't exist in
> the Basic.
>
> The setting of R74 has nothing to do with the bias
> on the modulator tubes.
>
> This pot controls how long the slow-release relay
> remains energized following
> key-up. This serves two puropses. The first is
> keeping the PA loaded (i.e.,
> connected to the ant.) until all radiation has
> ceased. When operating CW,
> this delay is also used to keep the ant. from
> disconnecting between dots and
> dashes and/or between letters/words. The delay
> would be set to accommodate
> the operator's keying speed. For phone operation
> one doesn't want to wait
> around very long to get ant. changed over and the
> receiver back on so the
> delay would normally be set very short (approx. 1
> sec.). This stuff is
> discussed on pages 39-41, TM 11-809-35.
>
> Dennis D, W7QHO
>

---------------------------------------------
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# 356. Re: [T-368_BC-610] Low Modulation Level

Yahoo group: T-368_BC-610
Date: 2000-04-04 20:52:31 UTC
From: Joe Foley
Topic: 355  Message: 356

--- W7QHO@... wrote:
> Joe,
>
> Sounds like you're making progress. Note you got a
> good reports on T3 night.
++++++++
Thanks, evidently I have plenty of carrier, now to get
the modulation to work right. The 4D21's look new.
I have no ideas on where to look, I haven't found
anything wrong yet! Got the mod deck on the bench
face down looking for ,..... ?

>
> The bias on the 4-125As should be approximately -175
> volts and can be
> adjusted by means of the control on the front pamel
> of the modulator deck.
+++++++++
Yup, I understand that, where did you measure the
-175? What I want to determine is the level that I
should find on the terminals of the mod pot.

> My schematics identify this control as R25. (I
> can't find the R74 that you
> mention in your E-mail, maybe only in later
> models??) The resting (no audio)
> modulator plate current should be set at 50 ma by
> means of this control. On
> my T3s I can adjust the resting current from 0 to
> over 100 ma. What
> adjustment range do you get on your rig?
+++++++++
I can only get 60 Ma at rest and maximum of 180 Ma
while yelling steadily.

>
> The 180 ma max. modulator current you mention, is
> this with a steady tone,
> on voice peaks or some other condx? (My rigs only
> kick up to about 150 ma or
> so during normal operation.) Also, do you have an
> O' scope and if so, what
> modulation percentage are you actually getting and
> how does the wave form
> look?
+++++++++

Haven't tried that yet. The scope I have here has no
display, it fades out when it warms up, recent
problem, probably caps. I'll have to dig the other
one out of the barn.

>
> How do you have your clipping control set?
++++++
Haven't set it yet, it shows no sign of clipping. The
first time I ran it was last week and haven't had time
to test on a totally working unit.

>
> Look closely at the skirt below the plate structure
> in your 4-125s. Scorch
> marks here usually mean a used-up tube in my
> experience. Another quick check
> is to observe the tubes under modulation. Both
> plates should show the same
> color.
++++++
Ok, will try that one, too.

Thanks,

73

Joe

_____
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http://im.yahoo.com

# 357. Re: subscribe please

Yahoo group: T-368_BC-610
Date: 2000-04-05 00:40:04 UTC
From: Joe Foley
Topic: 357  Message: 357

--- Trevor Lewis <tlewis@...> wrote:
> I would like to subscribe to the T-368 List.
>
> I own a B&W T-368-E, acquired in December 1999,
> clean but needs
> some (hopefully minor) work to get on the air. It
> appears to be a
> 1980s re-furb that probably came through Fair Radio;
> I acquired it
> from a fellow who got it from the estate of a silent
> key.
>
> I am looking for the operators's manual that goes in
> the vertical tray
> on the right of the unit. The fellow who sold it to
> me thought he had
> it but it turned out he had lost it. I assume that
> has the calibration/
> freq. tables for the plate tank tuning settings.
> I'd prefer an original (or
> suggestions on where to find one), but a copy would
> do if no other
> options present themselves. Busy job, house
> rennovations,
> and young family have kept me from spending a lot of
> time working
> on the unit thus far, but I don't even want to try
> to key it until I have
> the starting points for tune and load settings, lest
> I zorch something
>
> Thanks & 73
>
> Trevor, KD1YT, East Montpelier, Vermont
>

---------------------------------------------------
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# 358. Re: T-368 registry 4/4/00

Yahoo group: T-368_BC-610
Date: 2000-04-05 01:01:13 UTC
From: Joe Foley
Topic: 358  Message: 358

Not many participants out of 45 subscribers!

Hmm,.... AMF, Stromberg-Carlson, and Oneida,... I have more questions about the manufacturers and the contract numbers than about the radios. I already knew about B&W, Bendix and Crosley. I didn't think Crosley made radios that big.

You should see their site. Mr. Crosley was a clever man, he invented the proximity fuse, icy balls (not that kind!), he made cars, tracked vehicles, and refrigerators. His grandson is looking for items for the family museum in Cleveland, too.

This much is interesting, though.

Joe

--- W2ZR@... wrote:
> KG2CI redmenaced@...
> Bendix Radio Division of Bendix Aviation Corporation
> #160
> contract 3219-PP-59
>
> W2ZR w2zr@...
> Crosley T-368C #391
>
> WF2U mbendror@...
> B&W T-368E #628
> contract 15117-PP-62
>
> W8KXR jtone@...
> B&W T-368?
> Bendix T-368?
>
> W4WSZ bobm@...
> Stromberg-Carlson T-368D #161
>
> KF2JQ jprusso@...
>
> WB3FAU wb3fau@...
> Oneida T-368F #192
> contract 15498-PP-63
>
> KA3OTT kazott@...
> B&W T-368C #018

> contract 43056-P-56
>
> KW1I Dale.Gagnon@...
> AMF T-368A #62
> contract 25209-PHILA-54
>
> W3NP daveh@...
> B&W T-368E #575
> contract 15117-PP-62
>

---
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# 359. E-bay stuff

Yahoo group: T-368_BC-610
Date: 2000-04-05 02:30:59 UTC
From: Joe Foley
Topic: 359  Message: 359

BC-610 Coil:

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=300384061

Relay:

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=300380553

_____
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# 360. DX-100 Parting Out

Yahoo group: T-368_BC-610
Date: 2000-04-05 15:38:19 UTC
From: Bruce J. Howes KG2IC
Topic: 360  Message: 360

I have a Heathkit DX-100 that I am in the process of parting out. (Believe me, far too rough to restore)

If you have a need, email it over and I will do my best to help you out.

Priorty will be given to those who have an actual need, rather than those "stockpiling" parts.

And guys, please be reasonable, don't offer me $3 for a mod transformer and expect me to reply. You will be responsbile for shipping costs from Buffalo NY, either UPS or FedEx.

The following items are spoken for:
-Meter
-Front Panel
-VFO Dial
-Knobs
-Cabinet

Thank You!
Sincerely,

Bruce James Howes KG2IC

**********
"Winners form the habit of concentrating on what they want to happen; losers concentrate on what they don't want to happen. In a pressure situation,
winners call up past wins, losers recall past losses.
Both are self-fulfilling." -Thomas Edison
**********

[Non-text portions of this message have been removed]

# 361. today's ebay funny

Yahoo group: T-368_BC-610
Date: 2000-04-05 19:35:27 UTC
From: Mark Foltarz
Topic: 361  Message: 361

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=296316767

_____
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# 362. tuning cards/ op manual/ BC-939

Yahoo group: T-368_BC-610
Date: 2000-04-05 20:34:09 UTC
From: Trevor Lewis
Topic: 362  Message: 362

Hello all; this is Trevor Lewis, KD1YT, in Vermont, new to this list, owner of a B&W T-368-E. It is generally in clean shape but needs some work to get it running 100%.

I am without the tuning cards and the operator's manual, and will need them before I can attempt to fire it up into a dummy load to see what I need to do to get the rig 100% functional.

I know I can get a repro of the op manual, but has anyone got an extra original that they'd consider parting with?

Has anyone got an extra set of tuning cards, perhaps from a parts rig?

Or does anyone have suggestions on where I might get either of those?

I also have an extra B-939 with a dented side and somewhat scruffy exterior but really pristine interior that I don't have much need for if someone is in need of one and we can work out something of mutual benefit

Thanks & 73.

[Non-text portions of this message have been removed]

# 363. Re: [T-368_BC-610] tuning cards/ op manual/ BC-939

Yahoo group: T-368_BC-610
Date: 2000-04-05 22:05:00 UTC
From: David Humbertson
Topic: 363  Message: 363

Trevor,
I have never needed to use the tuning charts except maybe to get in
the ball park at first - never use them at all now.
With a 50 ohm load my settings are approx:
Freq Loading Tuning
3885 kc 11.2 9.1
7290 15.1 12.1
1885 17.4 12.8

Of course this will very somewhat between xmtrs and station
setups but should be close especially starting in the "tune"
position.

My manual is a copy of an older "C" model, don't have an
orginal either.
--
73, Dave - W3NP -- B&W T-368E
Ft. Ashby, WV

# 364. Re: [T-368_BC-610] tuning cards/ op manual/ BC-939

Yahoo group: T-368_BC-610
Date: 2000-04-05 23:00:00 UTC
From: Joe Foley
Topic: 364  Message: 364

Hi Dave,

Which way did you have your antenna pointed on Net
Night? I'm North North East of you and you were LOUD
here.

My transmitter shows 11.7 for loading and 7.7 for
tuning but that's probably attributable to the gear
drive having been taken off and not realigned properly
when replaced. I can't tune mine by the book anyway,
if I load at the lower power "tune" setting they show
the plate meter goes off the scale when I switch to
normal. I load at 100 Ma on the plate meter then fine
tune it at full power.

Joe

--- David Humbertson <daveh@...> wrote:
> Trevor,
> I have never needed to use the tuning charts except
> maybe to get in
> the ball park at first - never use them at all now.
> With a 50 ohm load my settings are approx:
> Freq Loading Tuning
> 3885 kc 11.2 9.1
> 7290 15.1 12.1
> 1885 17.4 12.8
>
> Of course this will very somewhat between xmtrs and
> station
> setups but should be close especially starting in
> the "tune"
> position.
>
> My manual is a copy of an older "C" model, don't
> have an
> orginal either.
> --
> 73, Dave - W3NP -- B&W T-368E
> Ft. Ashby, WV
>
>
>

---
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# 365. Re: [T-368_BC-610] tuning cards/ op manual/ BC-939

Yahoo group: T-368_BC-610
Date: 2000-04-06 03:00:29 UTC
From: David Humbertson
Topic: 363  Message: 365

Hi Joe,
My antenna is about 48' high and you are right off the end of it.
Usually a dipole thats much less than a 1/2 wavelength high (thats
about 120 feet on 75 meters) is pretty much a high angle omnidirectional
radiator - antenna orientation doesn't matter much.
Progagation, band condx, etc play a much bigger part. I think the
band was lengthening out as we talked and thats why Bill KD0HG was
so strong from colorado.
cul om
--
73, Dave - W3NP
Ft. Ashby, WV

# 366. New members!

Yahoo group: T-368_BC-610
Date: 2000-04-06 03:36:07 UTC
From: Joe Foley
Topic: 366  Message: 366

Hi list,

This list started in August of last year, up until
last Saturday we had accumulated 41 members.

I signed up 6 more so far this week!!

Must be somebody's talking, that and the Net we did.

Joe

---
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# 367. Modulation Escapades

Yahoo group: T-368_BC-610
Date: 2000-04-06 16:04:53 UTC
From: Joe Foley
Topic: 367  Message: 367

Ok so,......

When testing the voltage at the wiper of the Modulation Bias pot, I get -110 when at rest with the bias level set at 50 Ma. It goes to -104 when keyed, and can be set to -82 when the current is cranked to 130 Ma. The wiper is directly connected to the center tap of the T-6 transformer on the speech amp.

The M-29B carbon mike I'm using is new and has good clean contacts.

It seems to be the Bias pot itself that's having a problem. I took it apart twice and cleaned the contacts, the last time I noticed that the center movable slide contact has a very small contact point as shown by the wear marks, the stationary part of the contact has large even wear marks. It would seem that the movable contact isn't flat and isn't making good contact. Even after cleaning the needle on the meter still wobbles like its not making a good connection, this will stop by wiggling the knob. Any ideas on cleaning pots? I used De-oxit on it.

So far every pot on the mod deck front panel has been bad!!

Onward,.....

Joe

---------------------------------------------
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# 368. Re: [T-368_BC-610] Modulation Escapades

Yahoo group: T-368_BC-610
Date: 2000-04-07 02:03:59 UTC
From: Joe Foley
Topic: 368  Message: 368

>
> Ah-so, you are getting a full adjustment range off
> your bias control. Guess
> I missunderstood your earlier E-mail.
++++++++
No, you read it right, what's going on here is that
I'm trying other things, too. What I've found is that
the Bias pot is dirty and not making good contact,
that caused the wiper voltage to be low. But its
still not right, the voltage has come up but it isn't
as stable as I think it should be.

I think its Ok and will work all right but I don't
want to trust it to be dependable.

>
> The bias voltage of -110 for 50ma resting current
> looks good. This is very
> close to the -96 v. figure given in the handbooks
> for a pair of 4-125s. The
> -175 v. found on the tube voltage/resistance charts
> is apparently with the
> control backed all the way off (or close to it).
> BTW, the manual is not very
> helpful on voltage information as you've probably
> discovered. A value of
> -385 v. for the bias supply, for example, is found
> on a couple of schematics
> but nowhere else. I suspect this is high. What
> value you are reading?
++++++++
Haven't checked it. That doesn't seem to be the
problem.

>
> The load on the bias supply increases a bit on
> key-down. The -110 to -104
> change you report is not out of line.
>
> My bias pots are a bit noisy too. I would doubt
> that this has anything to
> do with your apparent shortage of audio, though.
> Just find a quiet spot and
> leave it there until you come up with a replacement.
+++++++++
Yes, I'm going to try that until something else pops

up.

At least we narrowed it down to a non-problem.

Interesting, this seems to be a high quality pot but it has a copper wiper contact on it, which I redressed because it was deformed, and the center moving contact could have been a better design.

I think it was a mostly a matter of cleaning contacts, I missed a few.

Friday night I'll try it again!! Be ready!

I'd do it Saturday night but I want to catch the Tim Tron show on WBCQ 7415 at 7:30.

Joe

_____
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# 369. Why those clever little buggers!!

Yahoo group: T-368_BC-610
Date: 2000-04-07 02:31:34 UTC
From: Joe Foley
Topic: 369  Message: 369

Ok,

Here's what I found!

The Modulation Bias pot has a copper wiper contact instead of a carbon one. Why? Well, they wanted it to wear a little.

That contact sits on a tit inside the holder so that it will rock when the wiper is turned in either direction. What that does is wear the contact to a point so it will stay on one wire turn and not several. In other words they wanted it to sharpen itself.

So if you're having problems with it staying on its setting its probably lost its point and needs to be run back and forth some.

Of course a carbon contact, which is harder, on a coarser winding wouldn't need to have such a sharp point.

Joe

---
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# 370. Re: [T-368_BC-610] Modulation Escapades

Yahoo group: T-368_BC-610
Date: 2000-04-07 03:16:12 UTC
From: Joe Foley
Topic: 368  Message: 370

--- ott kazott <kazott@...> wrote:
>
> On Thu, 6 Apr 2000 09:04:53 -0700 (PDT) Joe Foley
> <redmenaced@...>
> writes:
> >Ok so,.....
> >
> >When testing the voltage at the wiper of the
> >Modulation Bias pot, I get -110 when at rest with
> the
> >bias level set at 50 Ma. It goes to -104 when
> keyed,
> >and can be set to -82 when the current is cranked
> to
> >130 Ma. The wiper is directly connected to the
> center
> >tap of the T-6 transformer on the speech amp.
> >
> Right, that would change due to how the bias voltage
> divider is loaded.
> Right also, the less bias voltage you apply, the the
> greater the
> conduction current.
>
> Ok, so when you go to 60ma what voltage do you get?
++++++
-106 @ 60 Ma. All of these numbers to go into the
book for future comparisons just like all of the other
test numbers. Gives a good reference when trouble
arises.

>
> >The M-29B carbon mike I'm using is new and has good
> >clean contacts.
> >
> Don't be fooled by that...
+++++
I think I've eliminated that as a problem.

> >
> Regarding the big pots... larger than 2 watt carbon
> mike and 600 ohm
> pots...
>
> There is nothing to clean. Anything you spray on

> there will burn off and
> the contact is pure carbon anyway. You wipe it with
> a rag and solvent
> and it comes back in a minute.
++++++++
This one is a copper one, quite soft, too. The center contact was cruddy, black oxides of something, its at least shiny now.

>
> Bias pot is coarse wirewound... (filament is worse)
> big wires for what's
> going on. As you move from wire to wire on the pot
> the voltage
> differential is noticable as is the 4-125 current.
+++++++
The original filament pot on this unit had a BIG hole burned into the, well,... it blew the windings off in one place. That's been replaced. Thanks, Phil!!

> Your moving right along...
++++++
I'm going to say its good enough to play with for awhile,..... at least until it developes another problem.

Thanks,

73

Joe

---
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# 371. Today's E-bay funnies

Yahoo group: T-368_BC-610
Date: 2000-04-08 03:03:49 UTC
From: Joe Foley
Topic: 371  Message: 371

Have your puke bucket ready!

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=302666590

_____
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http://im.yahoo.com

# 372. Re: [T-368_BC-610] Today's E-bay funnies

Yahoo group: T-368_BC-610
Date: 2000-04-08 03:48:34 UTC
From: Jack Taylor
Topic: 372  Message: 372

Golly me, now I need to install a security fence and hire guards to protect my 539C. Or, perhaps just give it away so I can sleep at night, sigh...

73 de Jack

-----Original Message-----
From: Joe Foley <redmenaced@...>
To: t-368_bc-610@onelist.com <t-368_bc-610@onelist.com>; r-390@... <r-390@...>
Date: Friday, April 07, 2000 9:03 PM
Subject: [T-368_BC-610] Today's E-bay funnies

>Have your puke bucket ready!
>
>
>http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=302666590
>
>_____
>Do You Yahoo!?
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>http://im.yahoo.com
>
>------------------------------------------------------------------------
>LOW RATE, NO WAIT!
>Get a NextCard Visa, in 30 seconds! Get rates
>as low as 2.9% Intro or 9.9% Fixed APR and no hidden fees.
>Apply NOW!
>http://click.egroups.com/1/2122/3/_/592920/_/955163030/
>------------------------------------------------------------------------
>
>
>

# 373. BC-610 part on E-bay

Yahoo group: T-368_BC-610
Date: 2000-04-08 18:30:40 UTC
From: Joe Foley
Topic: 373  Message: 373

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=303189658

_____
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# 374. Umm,..... uh,..... oopsie?

Yahoo group: T-368_BC-610
Date: 2000-04-09 02:29:51 UTC
From: Joe Foley
Topic: 374  Message: 374

I turned on the R-390 A on the 160 Metre band and all I got was a loud chainsaw sound. I checked out the radio and all of the antenna connections, no problems found.

Hmm,..... turned on the AM transistor radio could just barely hear the same sound, not quite sure. Got out the portable AM radio and listened, same barely audible chainsaw. Put it up to the breaker panel, no difference, turned on a light, the sound changed! Ah, now I'm getting somewhere. Its load sensitive. But where is it?

Outside to my service pole, no difference, whacked it with the butt end of my ax,... no difference,..... out to the road,..... no change until I put the radio 6" from the pole,.... real LOUD chainsaw noise! Walked up the hill to the next pole,..... quiet! Walked down the hill to the next pole on that side,.... quiet again!

Looked up at the transformer that only feeds my house,.... its got a "10" on the side of it. I just happen to know what that "10" means around here.

Its a 10 KVA transformer!!! At 240 volts that's 42 Amps! I've counted 13 houses and a two story store on a 15 KVA on this same utility company.

The T-3 is on a 30 Amp circuit, the transformer is 25+ years old, PTT hammers it regularly,.....

I think I toasted the bugger!!!

Or at least one of the connections, its not dead yet but my volt meter is pulsing back and forth about 2 volts with the noise on the radio.

Probably just as well I didn't use the T-3 this weekend.

Joe

---
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# 375. BC-610 registry

Yahoo group: T-368_BC-610
Date: 2000-04-09 16:32:58 UTC
From: Mikhael Brown
Topic: 375  Message: 375

Who is doing the BC-610 registry? I would like to get a copy and add mine to
the list.

73's
Mike
N6WIG

_____
Get your own FREE, personal Netscape WebMail account today at http://webmail.netscape.com.

# 376. Locating a T-368

Yahoo group: T-368_BC-610
Date: 2000-04-09 16:38:18 UTC
From: Don Gallagher
Topic: 376  Message: 376

I would be interested in locating a nice T-368 somewhere in the New Jersey area. Any help would be appreciated. Thanks and 73, Don Gallagher, K2AUS

# 377. Re: [T-368_BC-610] BC-610 registry

Yahoo group: T-368_BC-610
Date: 2000-04-09 17:04:07 UTC
From: Joe Foley
Topic: 377  Message: 377

--- Mikhael Brown <n6wig@...> wrote:
> Who is doing the BC-610 registry? I would like to
> get a copy and add mine to
> the list.
+++++++++
Hmm,..... well, so far you're the only one who
mentioned it..... How 'bout it,... you wanna start
one?

Joe

_____
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http://im.yahoo.com

# 378. Re: [T-368_BC-610] BC-610 registry

Yahoo group: T-368_BC-610
Date: 2000-04-10 19:30:20 UTC
From: brronk777@aol.com
Topic: 377  Message: 378

You can put me down for a BC-610-E

Ron the K -- W1ARS

# 379. BC-610 registry

Yahoo group: T-368_BC-610
Date: 2000-04-10 21:28:03 UTC
From: Bill Shaw
Topic: 379  Message: 379

Put me down for a BC-610E also.

Bill - W2HYN
http://msnhomepages.talkcity.com/YosemiteDr/w2hyn/W2HYN.html

# 380. BC-610 plate transformer on E-bay

Yahoo group: T-368_BC-610
Date: 2000-04-11 21:39:10 UTC
From: Joe Foley
Topic: 380  Message: 380

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=302686987

_____
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# 381. "E" mdel speech amp questions

Yahoo group: T-368_BC-610
Date: 2000-04-12 00:01:51 UTC
From: Joe Foley
Topic: 381  Message: 381

Hi,

My "C" model schematics for the speech amp show L-11
and L-12 but my "E" model amp has 10 K ohm resistors
in their place, I also see T-11 in there. Otherwise
it follows the schematic (scream at it?) as expected.
My copy of the "E" model map missed the copier at that
point so I can't tell if its right or not.

Could someone please tell me if that's what's supposed
to be there or if this is a modification that needs
some other consideration. Could it be from an "F"
model?

The utility company came out and changed some of the
connections on the pole pig but the noises are still
there,.... tomorrow I get a new transformer, maybe.

Monday night I was told the transmitter was squealing
so I pulled the exciter deck and cleaned the band
switch and oiled the counter. But the squeal may be
the transformer noise.

Joe

_____
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# 382. Re: [T-368_BC-610] "E" mdel speech amp questions

Yahoo group: T-368_BC-610
Date: 2000-04-12 00:34:39 UTC
From: dan harlan
Topic: 382  Message: 382

Hey Joe,

It may be wise of you to check the internal
connections of your fuse or breaker panel. I blew the
the daylights out of mine (and apparently a portion
of the distribution system ) (the day before christmas)
while playing with my TRC 75 MG set. Still waiting
for the eyebrows though...

Dan N8ETQ Cleveland

Joe Foley wrote:
>
> The utility company came out and changed some of the
> connections on the pole pig but the noises are still
> there,.... tomorrow I get a new transformer, maybe.
>

# 383. Ultrasonic Oscillations?

Yahoo group: T-368_BC-610
Date: 2000-04-12 03:19:39 UTC
From: Joe Foley
Topic: 383  Message: 383

Ok,

So just how does one determine if one's T-368 is going into osclillations?

I can't seem to be able to set the modulation bias at all now. While tuning it sounds fine until I raise the bias which will snap to its max of 130 mA when the pot passes about 60% of its travel, lowering the level causes it to drop to zero after a certain point. When its at the high point I hear several different tones in the receiver that zero beat at different frequencies. With no modulation I get one clean freq to zero beat.

I cleaned, aligned, and tightened the pickup shoe and cleaned and tightened several connections on the tank coil that were loose and/or tarnished.

No improvement so far,..... any ideas?

Thanks,

Joe

---
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# 384. Re: [T-368_BC-610] Ultrasonic Oscillations?

Yahoo group: T-368_BC-610
Date: 2000-04-12 23:47:18 UTC
From: Joe Foley
Topic: 384  Message: 384

--- W7QHO@... wrote:
> In a message dated 00-04-11 23:21:19 EDT, you write:
>
> <<
> So just how does one determine if one's T-368 is
> going
> into osclillations?
> >>
>
> You put a scope on it. Oscillations, modulation
> percentage, and all sorts of
> other useful information can best be determined in
> this way.
+++++++++
Well,..... I'd do that if I had one that worked.
That's too easy!

> A. Any difference if you're on an antenna Vs. on
> the dummy load?
+++++++++
Nope.

You could
> be getting RF feedback. I have one mic. that does
> this with my T3s.
+++++++++
This one has worked in the recent past. The mod
circuit is more suspect.

>
> B. Turn the microphone gain control on the front
> panel all the way CCW and
> see if this calms things down.
+++++++++
No effect either way.

BTW, what is the
> setting on the 600 ohm input
> gain control? Shud be all the way CCW too when
> you're not using that input.
++++++
Yet to be installed on this unit, the input on the
speech amp is open though, don't know if that would
make a difference or not.

>
> C. If the above doesn't help, pull the 6C4 (V15)
> out and see if that allows
> the bias to be adjusted normally and smothly (and
> get rid of the squeeling,
> etc.).
+++++++++
I pulled the 6C4 and it works like it should, I can
set the mod bias and it sends a clean signal.

What a surprise, it must be in the speech amp?

What we're trying to do here is localize the
> problem.
>
>
> Re. your earlier question on 10K resistors replacing
> L11 & L12, my "E"
> schematic is cut off like yours but this is just a
> filter to keep RF out of
> the speech amp. There should also be something like
> a 100 pf cap from each
> the V12 grids to ground. A 10 K resistor should
> work OK instead of the RF
> chokes earlier units had, and the old "A" model
> didn't have either, only a
> .001 cap to ground.
++++++++
Ok,.... I found this one. Its in a note on the
schematic, NOTE 4 says: In late "C" model
transmitters L11 and L12 are replaced by 10 K
resistors R76 and R77 respectively.

Still no mention of T11.

Thanks for the help,

73

Joe

_____
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# 385. Re: [T-368_BC-610] Low Modulation Level

Yahoo group: T-368_BC-610
Date: 2000-04-13 01:10:42 UTC
From: Joe Foley
Topic: 355  Message: 385

> Look closely at the skirt below the plate structure
> in your 4-125s. Scorch
> marks here usually mean a used-up tube in my
> experience. Another quick check
> is to observe the tubes under modulation. Both
> plates should show the same
> color.
++++++++++++
These are Eimac's and have a vertically oriented can
inside which doesn't show any color in operation,
they're black/dark grey! All I show under modulation
is a thin blue light beam coming out near the top.
The metal part directly underneath this can shows a
scorch ring near the middle, its blue like a new shot
gun barrel.

Other than that they look clean, one has 6720 on it
and the other has 6830. If that's a date code they
may be OEM tubes and need to be bronzed and mounted
for some museum.

Any other ideas greatly appreciated.

73

Joe

_____
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# 386. Re: [T-368_BC-610] Ultrasonic Oscillations?

Yahoo group: T-368_BC-610
Date: 2000-04-14 04:58:04 UTC
From: Joe Foley
Topic: 384  Message: 386

You're good, OTT, real good!!

As it turns out, J4 on the speech amp deck was loose enough so that it didn't get a good ground. Just barely found it while checking grounds, didn't like some of the grounds, cleaned and tightened all of them. Read through your suggestions and see how many times you got close to that. You'd have had it in one more post.

I also grounded the input to the 600 ohm line, just like floating inputs on a PLC they can pick up crap.

Most of the suggestions I got said "bad component" but I couldn't trace anything without a scope and all of the components I could test were OK. So I went back to visual on the speech amp because I just didn't believe it was that complicated. I had to rule out anything simple.

I had it up and running tonight with N8ECR and KG2OK, they said I sounded like I was talking from the bottom of a big pipe. Long QSO, so I know I got the bugs out of it now!!

Great help, thanks!

> And the 6C4 removal/no oscillation shit shows that
> the problem is
> probabily not in the high level modulator. The fact
> that you can run the
> bias up and down properly shows the high level mod
> section is probabily
> ok. That you can "control" the oscillation with the
> bias suggests that
> the 4-125 are under "control".
>
> I never had a working, unmodified low level amp. As
> mine was a mess and
> got gutted I lack experence with the mil version as
> it now contains my
> personal version. You may want to get in touch with
> KG2IC... see if he
> can come by and take a look at what your doing. A
> fresh look might just
> be whats needed.

>
> I do remember you saying you moved some cables
> around on the jacks on the
> speach amp. Don't know if would make a difference
> but was wondering if
> you got them back on the right connectors. By
> chance did you reverse the
> plate wires on the 4-125's?
>
> Are the mike connections good on the back of the
> carbon mike jack on the
> front panel? They are round headed contacts and are
> spring loaded, move
> in and out and they or the wires connected to them
> may be a problem.
>
> Did you pull the low level tubes out in order after
> removing the 6C4?
> Like V12 12AT7, V13 5814, V14 5726?
>
> The input cables on mine were cooked out an were
> making poor contact in
> the BNC connectors... check yours? Clippers make
> square waves out of
> sinewaves, square waves are harmonic laden, lots of
> high frequency
> harmonics... a guess here... turn your clipping
> down... perhapse lowpass
> filter crapped out?
>
> Either the 600 ohm or the carbon mike V12A or B
> could cause this
> independent of the other. Since you want to use the
> carbon mike and the
> 600 ohm input has perhaps twice the gain of the
> carbon mike input, I
> would disconnect and short the 600 ohm input to
> ground under the low
> level chassis till I sorted this out. Might
> actually be the problem.
>
> You never did mention if you checked the 4-125
> screen voltage to see if
> its 600 volts.
>
> >I have know idea what I changed to cause the
> >problem because all I did was turn the bandswitches
> >while it was off between the time it worked and the
> >time it didn't.
> >

> Always a "bite" eh...
>
> >That's what gets me, if I'd changed some component
> I'd
> >know to change it back. That's why I've been so
> >careful to leave it stock and keep track of
> anything I
> >did to it.
> >
> >This came up between operating sessions after I
> >thought I had it going right.
> >
> >
> >>
> >> Here at Ott HQ, the audio is stable but if I run
> rf
> >> at tuneup or full
> >> snort without the mike connected, the rig will
> >> oscillate... alot!
> >+++++++++
> >I haven't done that since you mentioned it the
> first
> >time. Its doing this with the mike attached.
> >
> >
> >> Turn down the gain pot to zero and it all goes
> >> away... values return to
> >> normal. Terminate it with a mike and it all goes
> >> away... values return to
> >> normal.
> >++++++++
> >Gain pot shows no remedy to this, only reducing the
> >bias pot will return it to normal.
> >
> Kinda makes you wonder if the connections are good
> enough to control V12
> A&B. There are no grid load resistors so if pots or
> wiring are bad,
> grids will "float" uncontrolled... bad news if their
> not nailed down...
> notice no input coupling caps on the V12 grids, grid
> bias and load
> controlled by the volume pots... bad news if the
> pots don't get good
> connections. I'm rambling but you get the pix...
>
> What did you clean the volume pots with?
>
> >> I have seen this sort of thing in other higher
> power

> >> rigs as well as an
> >> HT-40... 18 watts of screen modulated am and on
> an
> >> unstable high end
> >> audio amp.
> >++++++++
> >Probably back to the speech amp, right?
> >
> I think so without being there.
>
> >> In an earlier post I think you said if you pull
> the
> >> 6C4 it stops. It
> >> stops here too. It will stop because you have
> >> broken the feedback loop
> >> between the higher gain tubes in front of the
> 6C4.
> >> Feedback comes from
> >> bad parts, poor design, bad terminations
> including
> >> swapped or out of
> >> position component leads and swapped connections.
> >++++++++
> >Hmm,... since this worked at one time and hasn't
> been
> >changed since then, its looking like a part gone
> bad.
> >
> >
> >
> >
> >> 4-125 will show color if you run the bias up. If
> >> you hit them hard with
> >> audio they will show a lot more color. The glass
> on
> >> "Good" tubes is
> >> usually clear to slightly brown. You will see a
> >> dark ring on the glass
> >> corresponding to the bottom of the plate
> structure.
> >> This caused by
> >> electron bombardment of the glass and is not
> >> considered a problem.
> >>
> >> Buying by color is not always a good "quality"
> guage
> >> as I have a no name
> >> 4-400 that is burnt so black that the light from
> the
> >> filament is dim and

> >> off it looks like a lump of coal yet it has full
> >> output in the T-3. I
> >> have another nib eimac 4-400 with much lower
> >> output... go figure.
> >++++++++
> >Ok,.... these look very good except for the blue
> ring
> >in the middle.
>
=== message truncated ===

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# 387. Results of my T-3's operation

Yahoo group: T-368_BC-610
Date: 2000-04-15 05:01:40 UTC
From: Joe Foley
Topic: 387  Message: 387

I had the T-3 on the air tonight with good reports
from all stations worked, when you've got a T-3 you're
not pissweak!!

With the M-29B carbon mike and a stock speech amp it
has restricted audio, "hyellowy", in these parts. Some
said I sound like I'm in the bottom of a big pipe.
One asked if it was a SSB rig! Argh! The humiliation!
Mods may follow, got a hamfest D-104 waiting.

W3DUQ measured it at 70% modulation and made a
recording of it, didn't sound too bad, not bad at all.

So its up and working, much thanks to all involved, a
bunch of help was received. Especially from KA3OTT
and W7QHO.

Joe

---
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# 388. Pure Nonsence - a la Ebay

Yahoo group: T-368_BC-610
Date: 2000-04-16 22:52:07 UTC
From: Mark Foltarz
Topic: 388  Message: 388

Can you believe this? $9 for a resistor chart - LOL!

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=303386430

_____
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# 389. BC-939 Tuner on E-bay!!

Yahoo group: T-368_BC-610
Date: 2000-04-17 01:27:25 UTC
From: Joe Foley
Topic: 389  Message: 389

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=309816196

_____
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# 390. BC-614 Shock Mount on E-bay, TV-7

Yahoo group: T-368_BC-610
Date: 2000-04-17 01:44:23 UTC
From: Joe Foley
Topic: 390  Message: 390

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=309046932

TV-7's were built in 1982!

How 'bout that price?

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=304509168

---
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# 391. Subject for discussion...

Yahoo group: T-368_BC-610
Date: 2000-04-17 03:38:29 UTC
From: Joe Foley
Topic: 391  Message: 391

Take a look at these two sites just to familiarize yourselves with the subject matter.

http://www.thebizlink.com/am/tech/htm/t368aud.htm

http://www.thebizling.com/am/tech/htm/t368.htm

The first is the schematic for modifications to the T-368 Speech Amp done by the Tim Tron "Guru of the air".

The second is his essay describing said mods with comments by Steve, WB3HUZ.

Trust me, there will be a quiz later,..... oh look,.... its starting already.....

1.) Can this mod be done without modifying the RF deck?

2.) In two places on the schematic it refers to "J5/Pin5". Can I assume that means "J5/P5"?

3.) Can I also assume that these are both inputs from the carbon mike? One directly to the amplifier section that is the 5814 V13(A), the other to provide bias (of some sort) to the second section of that same tube? This having bypassed the 12AT7 altogether.

4.) What's with the 5 one megohm resistors going from Pin 8 of the 5814 to the 4D21 Plate?

MOre to follow,..... hehehe

Joe

---------------------------------------------------
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# 392. T368 - BC-610 CD available

Yahoo group: T-368_BC-610
Date: 2000-04-19 20:26:27 UTC
From: plmills@attglobal.net
Topic: 392  Message: 392

Hello,

I've finished scanning T-368 and BC-610 manuals and offer
a CD to the list with the manuals in Adobe .pdf format.
An install copy of the Adobe 4.05 Reader is included on
the CD for those who don't already have it. The CD is for
Windows 95/98 users. The contents are:

t368-dep-maint.pdf TM11-809-35, TO 31R2-2URT-134, Radio Transmitters
T368/URT....And Antenna Tuning Unit BC-939B
Field and Depot Maintenance. Has changes C1, C2,
C3, and C5 and covers through the T368E model.

t368-oper.pdf TM11-809-10, TO 31R2-2URT-121, Radio Transmitters
T368/URT Operator's Manual. With addenda to
cover T368 through T368E.

t368-org-maint.pdf TM11-809-20, TO 31R2-2URT-124, Organizational
Maintenance Radio Transmitters T368 through
T368C, with changes C1 and C4

TM11-850 Radio Receivers BC-312, BC-342, BC-314, and
BC-344 (multiple versions of each). Includes
schematics and troubleshooting information.

BC-348-J-N-Q.pdf Handbook of Maintenance Instructions for Radio
Receivers BC-348-J, BC-348-N and BC-348-Q,
79 pages plus schematics and diagrams.

BC-610-E-I.pdf TM11-826, TO 31R2-3SCR399-21, Radio Transmitters
BC-610-E,-F, -G, -H, -I and Radio Transmitter
T-213/GRC-26 and Antenna Tuning Units BC-939A
and -B, 150 plus pages including schematics
and changes C-1, C-5, and C-6.

BC-614.pdf TM11-5054, TO 16-40BC614-6, Speech Amplifier
BC-614-E,F,H, and I, 60 plus pages with schematics
and wiring diagrams.

me-165g.pdf TM11-6625-333-15, Standing Wave Ratio Power
Meter ME-165/G

urm-25d.pdf Navships 92134A, Instruction Book for RF Signal
Generator Set AN/URM-25D

If you would like a copy of this CD, please send $10 with your name and
address info
to me at:

Philip Mills
P.O. Box 1307
Friendswood, TX 77549-1307

Thanks,
Phil
W5BVB

# 393. BC-610 Coils at Fair Radio

Yahoo group: T-368_BC-610
Date: 2000-04-20 00:32:46 UTC
From: Joe Foley
Topic: 393  Message: 393

Their new catalog is out and on page 27 they show new
coils for the BC-610. C-447 $12. C-389A 4.5 to 5.7
Mc $8.

Hmm,..... no T-368 parts, though,.... oh well.

Joe

_____
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# 394. Re: [T-368_BC-610] BC-610 Coils at Fair Radio

Yahoo group: T-368_BC-610
Date: 2000-04-20 02:32:00 UTC
From: plmills@attglobal.net
Topic: 394  Message: 394

Joe Foley wrote:

> Hmm,..... no T-368 parts, though,.... oh well.
>
> Joe

Joe, I beg to differ. They had the T-368 blower on
page 23 for a mere $20....ordered one for my derelict.
Now, all I need is the 1500 pf vac variable and the
RF deck T1 and I'll have a whole restored unit !! :-)

73, Phil
W5BVB

# 395. Re: [MilSurplus] BC-610 coils FS

Yahoo group: T-368_BC-610
Date: 2000-04-24 12:26:39 UTC
From: Joe Foley
Topic: 395  Message: 395

Talk to Larry:

--- Telegrapher@... wrote:
> I have a box i packed with 3 BC-610 coils in it.
> The fellow who wanted
> it never responded and i'm surprised that he didn't.
>
>
> Anyway, there are 2 ea of the 3.5-4.5 mc units and 1
> of the 2.0-2.5 mc
> coils with the variable links inside the box. $45
> plus shipping from
> 85233.
>
> I also have numerous coils for the 610 with fixed
> links as well as
> several of the variable link units for other ranges.
> None for the 40
> meter band though. $15 apiece and they run about $5
> for shipping of a
> cingle coil.
>
> I've got way to many of these for not having one of
> the transmitters
> (yet). The fixed link items were used with the A,
> B, C and D models or
> with the two antenna tuners for use with the
> vertical or doublet.
> Probably could be used with the later models was
> well as long as you
> used the BC-939 or BC-729 (think that the right
> one).
>
>
> Larry
>
> ---
> Submissions milsurplus@...
>

_____
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# 396. News

Yahoo group: T-368_BC-610
Date: 2000-04-26 04:21:06 UTC
From: Joe Foley
Topic: 396  Message: 396

Hi list,

We just busted 50 members!!!

There are still a bunch of Ham operators that don't know about this list, they have computers but I met them on the radio.

Don't forget to post your information for the T-368 registry, all you have to do is post it here. We only have 11 listings so we have established no big trends. There are mostly "E" models with one "A" and one "D" and a few "F's". Someone out there said he had a Basic but I think it was a mongrel, that is it has decks from other models.

Has anyone taken advantage of the BC-610 coil advertisements I've posted? Should I continue doing that?

Just how rare are the big tubes for the BC-610's? The guys on the AM Window BBS posted several substitution schemes to help with that problem.

Don't know what happened to the BC-610 registry,.... HINT,..... HINT!

I yanked the front panel off from my mod deck and painted it today,... screwed it up, too. Who'd have guessed that the sun would be too hot? Oh well, at least its getting to be more the same color.

Joe

---
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# 397. BC-610 registry

Yahoo group: T-368_BC-610
Date: 2000-04-26 13:17:05 UTC
From: Mikhael Brown
Topic: 375  Message: 397

I will put together a BC-610 registry. Send me the following information any comments as to what you would like to see in it.

Name
Call
Model
order #
Serial #

Do you want to also have the speech amp and tuner included?

I will put everything in a Database and send (email) copies to everyone who is interested. Let me know what format you would like to receive it in.

Mike
N6WIG

_____
Get your own FREE, personal Netscape WebMail account today at http://webmail.netscape.com.

# 398. Re: Fw: My T-368/C on the air finally!

Yahoo group: T-368_BC-610
Date: 2000-04-26 14:52:30 UTC
From: Joe Foley
Topic: 398  Message: 398

--- GREGORY CARTER <KX4RGC@...> wrote:
> Hi Joe,
> here's a copy of the msg I sent .
>
> ----- Original Message -----
> From: GREGORY CARTER <KX4RGC@...>
> To: <t-368_bc-610@onelist.com>
> Sent: Tuesday, April 25, 2000 8:57 PM
> Subject: My T-368/C on the air finally!
>
>
> > Hi Gang !
> > I'm a new member of the list and proud owner of a
> Crosley
> > T-368/C. This T-3 was given to me about 3 yrs ago
> > by a fellow here locally who had it in storage for
> who
> > knows how many years. It seems that it became a
> financial
> > burden for him to continue to pay for storage
> space for the beast so he
> > advertised it as 'free' for the taking to the
> first one to come and get it
> !
> > As you can guess, I made the trip in record time.
> >
> > Unfortunately, the p/s deck had been completely
> dismantled, for the
> > purpose of repainting and rewiring etc ( I'm
> assuming this) but all
> > the parts and pieces were there. Fortunately the
> RF and Mod decks
> > were intact !
> >
> > Anyhow , it has been sitting in my basement
> untouched until a couple of
> > months ago. In February I began re-assembly and
> modification with
> > the help of my Elmer ( Al, K4CKS) and I'm happy to
> say that last
> > evening I logged my first qso's with it on 3885kc.
> >
> > I've done the KG2IC audio mods and have reworked
> the RF tank circuit
> > as recommended. RF output on 80 and 40 is just

> where it should be but
> > 160 is not up to snuff (due to my homebrew plate
> choke from a 1987
> > QST article). Plate relay needed some TLC and
> adjustment to keep
> > contacts from welding together, hi !
> > Still having problems with the modulator bias
> adjustment.....can't seem to
> > set it at 50mA.....the bias pot brings it up
> smoothly till about 15-20 mA
> > then
> > it jumps up to 100mA and stays. Haven't quite
> figured it out yet but
> > working
> > on it. Not absolutely sure that the 4-125's are
> up to snuff. Did have to
> > replace 2 of the OA2's in the screen regulator
> string.
> > The fan on the RF deck was the noisiest one I've
> ever heard so I
> dismantled
> > it and replaced the bearings with exact
> replacements from Dixie Bearings.
> > Now it's so quiet you have to look to see if it's
> really running !
> > I guess the cabinet fan's bearings are next , hi !
> >
> > I have the T-3 on it's own 30Amp breaker with a
> new run of 10/2 w gnd and
> > so far, so good. My first contacts all said it
> sounded OK but still a
> > little
> > restricted audio wise. I'm using a D-104 mic into
> the modified input and
> > find that I have to turn the gain almost 3/4 open
> to see any movement on
> the
> > mod plate current. As I said before, something's
> amiss here but will find
> > it eventually.
> >
> > Sorry for the long epistle but just wanted to let
> everyone know how
> > excited I am to finally have it up and
> semi-running. Lot's more work to
> do
> > but man what fun it has been so far !
> >
> > 73 to all !
> > Greg KX4R

> > Taylorsville, GA
> >
> >
> >
>
>

---
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# 399. From the AM Window BBS

Yahoo group: T-368_BC-610
Date: 2000-04-27 02:17:18 UTC
From: Joe Foley
Topic: 399  Message: 399

Someone's using up the T-3 and BC-610 parts!!!!

Posted by KB2APE on April 21, 19100 at 12:27:10:

In Reply to: Which tube to use for my amp, help.
posted by AL - N7IOH on April 19, 19100 at 20:55:56:

: I would like to build an amp that will be driven
with about 25 watts AM & able to give max legal out
without working the tube to it's max. The amp will
also need to be able to work FM & SSB. I am only
interested in covering 75 - 10 meters maybe 6 meters
if possable. I was thinking of using the 4-1000A,but
don't know much about it. Looking for July 63 QST, has
an amp design using the 4-1000A tube. Any ideas?

The answer depends on what parts you can come up with.
If you were to ask on this B-board you could probably
come up with all that you need. A plate transformer
from a later BC610 (model F and up) or from a T368
would be a good start. The 610 is preferred because of
it's dual primary winding which can be connected for
240 Vac. A pair of T368 xfmrs would be the Ideal way
to go. Hook one across one 120 v side af the A.C.
mains and the other xfmr to the other side. Parallel
the secondarys. This lashup can be checked for proper
phase with a small center tapped filament xfmr. BTW
these transformers seem to have enough Hi-Pot to
handle a full wave bridge rectifier and produce
5-6kVolts with a choke input filter without zorching
the center tap. Many hV center tapped transformers
can't do this. If you can dig up an old 3 phase
variac, you can use two of the phases for each
primary. Also if using a choke input, the swinging
choke can be hooked into the negative lead thus
reducing it's Hi-pot requirement. This choke should be
mounted with the thought in mind that if it were to
open up and also short to it's case it would assume
full negative voltage. So don't use it as a foot
warmer, tuck it away somewhere.

You could skip the choke input and do with capacitive
input. You will have something in the 4kV range with
crummy regulation. This can be made to work but you
will have all of the drawbacks of higher B+ (parasitic
supression issues intensified) and less power

sensitivity relative to the 5-6kV that you will get
with a choke input full wave bridge across the full
secondary.

The 4-1000 would be a good tube to use for the job.
They are around at hamfests. They are over $400.00 new
but you don't need a new one. The best thing about
this tube is if you don't have enough gain in the amp
you can crank the plate voltage up all the way to 6kV
and above. At this level all you need to do is sneeze
on the grid. Layout and parasitic supression is very
important at that plate potential or the thing will
oscillate. A popular method is to simply tie the
screen grid to the control grid and operate cathode
driven A.K.A. grounded grid. A better (and more power
sensitive approach) is to operate cathode driven with
class B specified values of grid bias and screen
voltage. This adds complexity to the circuit but
eliminates the need for Zener bias at the filament
(cathode) xfmr center tap.

"Microwave" diode "bricks" from K2AW (see QST, not
anywhere on the internet) Are cheap and can be used in
the rectifier.

Another good choice is the 3-500z. These will work
well with a good stiff 2700 to 3000 volts but can work
with more HV with care. A pair or trio would do the
job for you. These are not too expensive (a little
over $100.00 a pop) from R.F. Parts inc. You can
purchase the plastic air system sockets or get surplus
4-400, 4-250 etc. sockets.
You WILL need at least some air on either of these
tube choices.

The coverage through 6 metres may be something that
you would want to forget about. This can be had but it
ain't easy.

Just some quick thoughts....

_____
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http://im.yahoo.com/

# 400. AM Window BBS Link

Yahoo group: T-368_BC-610
Date: 2000-04-27 02:41:17 UTC
From: Joe Foley
Topic: 400  Message: 400

http://www.thebizlink.com/am/wwwboard/wwwboard.html

_____
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http://im.yahoo.com/

# 401. T-368 Blower Bearings

Yahoo group: T-368_BC-610
Date: 2000-04-27 13:27:13 UTC
From: Hagan, Reid J
Topic: 401  Message: 401

I was glad to see that another T-368 is "Air Worthy" as evidenced by Greg's (KX4R) posting. My question concerns contact information for Dixie Bearings that offers exact replacements for the RF blower's bearings. Could Greg, or anyone else, share this info with the group?

Thanks in advance,

Reid W2HU

# 402. Re: [T-368_BC-610] T-368 Blower Bearings

Yahoo group: T-368_BC-610
Date: 2000-04-27 15:45:31 UTC
From: Joe Foley
Topic: 402  Message: 402

Those are generic bearings, any bearing supplier will
have them in stock.

Joe

--- "Hagan, Reid J" <reid.j.hagan@...> wrote:
> I was glad to see that another T-368 is "Air Worthy"
> as evidenced by Greg's
> (KX4R) posting. My question concerns contact
> information for Dixie Bearings
> that offers exact replacements for the RF blower's
> bearings. Could Greg, or
> anyone else, share this info with the group?
>
> Thanks in advance,
>
> Reid W2HU
>

---------------------------------------------------
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http://im.yahoo.com/

# 403. Meter for I-177 tube testers

Yahoo group: T-368_BC-610
Date: 2000-04-27 23:11:41 UTC
From: Joe Foley
Topic: 403  Message: 403

http://fairradio.com/0i-177me.htm

_____
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http://im.yahoo.com/

# 404. Antuna tenners

Yahoo group: T-368_BC-610
Date: 2000-04-28 01:28:13 UTC
From: Joe Foley
Topic: 404  Message: 404

Or some such thing,.....

Ron is looking for a cover for his BC-939, his doesn't fit. I'm looking for a cover for my TN-339/GR, mine doesn't fit either. The spring latches don't line up.

Can anyone do a history on these two? Mine is made by Oneida on Order #16498-PP-63 so it is the later version of the 939, at least it looks a lot like a 939.

What system was it used on? One of the shelter systems? Which one?

Was the 939 only used with the BC-610? Its shown in the T-368 manual. When did they quit making that one? Or did they use them at the same time?

What's the big difference between the two?

Ott, did you ever get the parts you needed for the one you were building?

... the Miami Relatives want to know!

_____
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http://im.yahoo.com/

# 405. Re: [T-368_BC-610] Antuna tenners

Yahoo group: T-368_BC-610
Date: 2000-04-28 04:50:35 UTC
From: Jack Taylor
Topic: 405  Message: 405

To me this topic does warrent further information. According to the BC-610 manual, the BC-939A mates with BC-610 models prior to BC-610F and the BC-939B mates with BC-610F and later, including the AN/GRC-26 and the SCR series.

Far as I can tell, the schematics for both are the same, and would guess that the difference has to do with slight cosmetic changes and the packaging footprint. This would be consistent with the cover mismatches reported in subject msg.

73 de Jack

-----Original Message-----
From: Joe Foley <redmenaced@...>
To: T-368_BC-610@egroups.com <T-368_BC-610@egroups.com>
Date: Thursday, April 27, 2000 7:28 PM
Subject: [T-368_BC-610] Antuna tenners

>Or some such thing,.....
>
>Ron is looking for a cover for his BC-939, his doesn't
>fit. I'm looking for a cover for my TN-339/GR, mine
>doesn't fit either. The spring latches don't line up.
>
>Can anyone do a history on these two? Mine is made by
>Oneida on Order #16498-PP-63 so it is the later
>version of the 939, at least it looks a lot like a
>939.
>
>What system was it used on? One of the shelter
>systems? Which one?
>
>Was the 939 only used with the BC-610? Its shown in
>the T-368 manual. When did they quit making that one?
>Or did they use them at the same time?
>
>What's the big difference between the two?
>
>Ott, did you ever get the parts you needed for the one
>you were building?
>
>... the Miami Relatives want to know!
>
>
>
>_____

>Do You Yahoo!?
>Talk to your friends online and get email alerts with Yahoo! Messenger.
>http://im.yahoo.com/
>
>------------------------------------------------------------------------
>Was the salesman clueless? Productopia has the answers.
>http://click.egroups.com/1/3019/3/_/592920/_/956885294/
>------------------------------------------------------------------------
>
>
>

# 406. Re: [T-368_BC-610] Antuna tenners

Yahoo group: T-368_BC-610
Date: 2000-04-28 11:42:23 UTC
From: dan harlan
Topic: 405  Message: 406

Hello All,

The BC-939(*) was used with the SCR-399/499 and GRC series that
used the BC-610-E and later model TX's. For the SCR-299 which
came with BC-610-A, B, C and D they used a BC-729-A or BC-729-C.
The BC-729-(*) is the little bugger pictured in almost all
of the W.W.II Hallicrafters adds. It did not have a cover.
BC-610's prior to the "E" model were only rated and equipped
to go to 8 mc. The "E" model and the SCR-399/499 of course
would go all the way up to 18 mc. I cant see any difference
between BC-939 models either, maybe just the omission of the
wrinkle paint which they found difficult to DE-radiate after
Bikini ? My BC-939-A is a B&W unit, contract 2232-PHILA-45-07
that was refurbished at Tobyhanna(?) in '62 and of course has smooth
flat black paint.

The BC-729-(*) was a flimsy little thing who's chassis would
almost flex as one operated the loading coil crank. I can see
why they "upgraded" to the 939. Also on the 729 almost all
the RF parts were mounted on Ceramic pillars which to me seemed
rather under rated for the stress of operation let alone
mobile operation. I cant find my GRC-26-D manuals right now
but will look into it when I do.

Dan Harlan N8ETQ Cleveland Oh.

Jack Taylor wrote:
>
> To me this topic does warrent further information. According to the BC-610
> manual, the BC-939A mates with BC-610 models prior to BC-610F and the
> BC-939B mates with BC-610F and later, including the AN/GRC-26 and the SCR
> series.
>
> Far as I can tell, the schematics for both are the same, and would guess
> that the difference has to do with slight cosmetic changes and the packaging
> footprint. This would be consistent with the cover mismatches reported in
> subject msg.
>
> 73 de Jack
>
> -----Original Message-----
> From: Joe Foley <redmenaced@...>
> To: T-368_BC-610@egroups.com <T-368_BC-610@egroups.com>
> Date: Thursday, April 27, 2000 7:28 PM
> Subject: [T-368_BC-610] Antuna tenners
>

> >Or some such thing,.....
> >
> >Ron is looking for a cover for his BC-939, his doesn't
> >fit. I'm looking for a cover for my TN-339/GR, mine
> >doesn't fit either. The spring latches don't line up.
> >
> >Can anyone do a history on these two? Mine is made by
> >Oneida on Order #16498-PP-63 so it is the later
> >version of the 939, at least it looks a lot like a
> >939.
> >
> >What system was it used on? One of the shelter
> >systems? Which one?
> >
> >Was the 939 only used with the BC-610? Its shown in
> >the T-368 manual. When did they quit making that one?
> >Or did they use them at the same time?
> >
> >What's the big difference between the two?
> >
> >Ott, did you ever get the parts you needed for the one
> >you were building?
> >
> >... the Miami Relatives want to know!
> >
> >
> >
> >_____
> >Do You Yahoo!?
> >Talk to your friends online and get email alerts with Yahoo! Messenger.
> >http://im.yahoo.com/
> >
> >------------------------------------------------------------------------
> >Was the salesman clueless? Productopia has the answers.
> >http://click.egroups.com/1/3019/3/_/592920/_/956885294/
> >------------------------------------------------------------------------
> >
> >
> >
>
> ------------------------------------------------------------------------
> Accurate impartial advice on everything from laptops to table saws.
> http://click.egroups.com/1/3020/3/_/592920/_/956897928/
> ------------------------------------------------------------------------

# 407. FW: T-368

Yahoo group: T-368_BC-610
Date: 2000-04-28 12:51:12 UTC
From: Bruce J. Howes KG2IC
Topic: 407  Message: 407

Can someone on the list be of assitance to this gentleman? Perhaps also tell him on to get on the list.

Sincerely,

Bruce James Howes

**********
"Winners form the habit of concentrating on what they want to happen; losers concentrate on what they don't want to happen. In a pressure situation,
winners call up past wins, losers recall past losses.
Both are self-fulfilling." -Thomas Edison
**********

-----Original Message-----
From: Lester Scattergood [mailto:lesterw@...]
Sent: Friday, April 28, 2000 1:57 AM
To: kg2ic@...
Subject: T-368

Hi, I was referred to your web site because I am trying to get information on my T-368 that I just became the owner of. You have a great site. The serial # on my unit is 18. I was wondering how many were made and if it would be better for the historical value of the unit to keep it stock rather than do the mods Iam reading about for better audio and such. Any comments you might have would be appreciated. I will be keeping this for my own use. Getting a XTMR like this is a dream come true for me and Iam looking for some guidance as to the best way to restore it. Thanks for your time. Best 73's Les, WB6DXR. lesterw@...

[Non-text portions of this message have been removed]

# 408. Re: [T-368_BC-610] FW: T-368

Yahoo group: T-368_BC-610
Date: 2000-04-28 14:32:10 UTC
From: W2ZR@aol.com
Topic: 408  Message: 408

In a message dated 04/28/2000 9:20:54 AM Eastern Daylight Time,
bhowes@... writes:

<< Can someone on the list be of assitance to this gentleman? Perhaps also
tell
him on to get on the list.
Sincerely,
Bruce James Howes >>

Hi gang,
I wrote to Les and gave him the pertinent info for both the reflector
and the registry.

73,
Steve W2ZR

# 409. BC-939 foot print

Yahoo group: T-368_BC-610
Date: 2000-04-28 16:35:45 UTC
From: Mark Foltarz
Topic: 409  Message: 409

I noticed that a TMC TAC-1 fits nicely on the same
footprint as a BC-939 a top my 610 or T368.

DE KA4JVY

Mark

---------------------------------------------------
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# 410. New Knobs for T-368's

Yahoo group: T-368_BC-610
Date: 2000-04-30 02:17:26 UTC
From: Joe Foley
Topic: 410  Message: 410

This company has exact replacement knobs for the
T-368's Have NO idea about prices.

http://www.ehcknobs.com/surplus.html

Click on the military catalog button. Please let me
know if anyone has any luck with them.

Joe

---------------------------------------------------
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http://im.yahoo.com/

# 411. T-368 Knobs

Yahoo group: T-368_BC-610
Date: 2000-05-01 11:29:20 UTC
From: Hagan, Reid J
Topic: 411  Message: 411

Surplus Sales of Nebraska has the full line of knobs for the T-368. They are listed under Raytheon Knob Family and, if you look in the catalog, you will see that the knobs have the correct "bi-angled" faces also. I purchased the two crank type knobs and they fit perfectly. The only difference from the originals is that the knobs are not polished and shiny black as my other knobs were. The new ones have more of a flat finish to them.

Reid W2HU

# 412. Re: [T-368_BC-610] T-368 Knobs

Yahoo group: T-368_BC-610
Date: 2000-05-01 14:17:48 UTC
From: Joe Foley
Topic: 412  Message: 412

Hi Reid,

EHC lets you order matte or shiny knobs. SSN wanted
$15ea. for the crank knobs so I was wondering what
EHC's prices were. How much was a whole set from SSN?
Joe

--- "Hagan, Reid J" <reid.j.hagan@...> wrote:
> Surplus Sales of Nebraska has the full line of knobs
> for the T-368. They
> are listed under Raytheon Knob Family and, if you
> look in the catalog, you
> will see that the knobs have the correct "bi-angled"
> faces also. I
> purchased the two crank type knobs and they fit
> perfectly. The only
> difference from the originals is that the knobs are
> not polished and shiny
> black as my other knobs were. The new ones have
> more of a flat finish to
> them.
>
>
> Reid W2HU
>

---------------------------------------------------
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# 413. Ebay funnies

Yahoo group: T-368_BC-610
Date: 2000-05-02 02:05:51 UTC
From: Joe Foley
Topic: 413  Message: 413

> What's wrong with this picture? I plugged it in and
> it didn't work!!
>
>
http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=319320272

_____
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http://im.yahoo.com/

# 414. Re: [T-368_BC-610] Ebay funnies

Yahoo group: T-368_BC-610
Date: 2000-05-02 03:49:29 UTC
From: Bill Shaw
Topic: 413  Message: 414

Hi Joe
It works ok here but takes awhile to load... Looks like it is missing a
part or two or.....tho 73's Bill W2HYN

At 07:05 PM 5/1/00 -0700, you wrote:
>
>
>> What's wrong with this picture? I plugged it in and
>> it didn't work!!
>>
>>
>http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=319320272
>
>
>_____
>Do You Yahoo!?
>Send instant messages & get email alerts with Yahoo! Messenger.
>http://im.yahoo.com/
>
>------------------------------------------------------------------------
>High rates giving you headaches? The 0% APR Introductory Rate from
>Capital One. 9.9% Fixed thereafter!
>http://click.egroups.com/1/3010/3/_/592920/_/957233153/
>------------------------------------------------------------------------
>
>
>
>

# 415. BC-610 XTALS

Yahoo group: T-368_BC-610
Date: 2000-05-03 18:15:49 UTC
From: Bill Shaw
Topic: 415  Message: 415

Hi gang
What did we find doing a little spring cleaning today?
Aha.. extra to our needs... unaltered BC-610 crystals in the FT-171-B holders. Just got done checking to make sure they oscillate ok on the BC-610 here and they all A+. The only exception is I couldn't check the two lower frequency ones. If you don't like the frequencies get out the piece of plate glass and very fine polishing compound. Worked great for me!
What am I offered for these beauties??
Bill W2HYN ...w2hyn@...
1 each... 3510kc
2 each... 3550kc
2 each... 3570kc
1 each... 2282.5kc (not tested)
1 each... 1746kc (not tested)

# 416. BC-601 TU54 tuning unit

Yahoo group: T-368_BC-610
Date: 2000-05-03 18:43:12 UTC
From: Bill Shaw
Topic: 416  Message: 416

Hi gang
One more BC 610 goodie appeared in our spring cleanup.
A TU-54 tuning unit and on the side of it there is a label that says "MOD FOR 28MC". It was not modified by me so I don't know what the history/story is on it. The TU-54 unmodified was for 12mc to 18mc... Any offers?
Bill W2HYN w2hyn@...

# 417. Re: [BoatAnchors] WTB: BC-610 manual +

Yahoo group: T-368_BC-610
Date: 2000-05-04 00:36:44 UTC
From: Joe Foley
Topic: 417  Message: 417

--- Bill Shaw <w2hyn@...> wrote:
> Hi Kent
> Yes, there were plug in Master Oscillators/VFO's
> for the BC-610. I
> checked my manual for the BC-610 and this was what
> was originally with it.
> TU 47...2.0mc to 2.5mc
> TU 48...2.5mc to 3.2mc
> TU 49...3.2mc to 4.0mc
> TU 50...4.0mc to 5.0mc
> TU 51...5.0mc to 6.35mc
> TU 52...6.35mc to 8.0mc
> TU 53...8.0mc to 12.0mc
> TU 54...12.0mc to 18mc
> Inside one of the top covers of the BC-610 there
> were slots for 3
> separate tuning units. Each tuning unit had it's own
> Master Oscillator(or
> vfo)and also each tuning unit contained the tuning
> circuits for the doubler
> and intermediate amplifier for that particular
> frequency range. The tuning
> unit also has a switch right on top that one can
> switch between the MO or a
> crystal for a single frequency. The crystal socket
> is located right next to
> the switch. The MO or vfo is very hard to set to a
> particular frequency
> with a small knob and probably isn't any too stable
> anyway. I never have
> used the MO, only have used the crystals. I have 3
> of the tuning units and
> also one that apparently had been modified for 28mc
> altho I never have used
> this one.
> Hope this answers your question...regards, Bill
> W2HYN
>
>
> At 11:43 PM 5/3/00 +0200, you wrote:
> >Subject says it all. Interested in all the
> different models.
> >Was there a VFO used tougether with BC-610?
> >73, SM5LQL/Kent Karlsson
> >

> >
> >---
> >Submissions boatanchors@...
> >
> >
>
>
> ---
> Submissions boatanchors@...
>

---------------------------------------------------
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# 418. T-368/URT

Yahoo group: T-368_BC-610
Date: 2000-05-04 20:31:20 UTC
From: Hagan, Reid J
Topic: 418  Message: 418

Does anyone have a list of manufacturers and Order Numbers for the T-368/URT (non lettered versions)? Is there a resource page to look for this sort of thing?
Thanks for any help!

Reid
W2HU

# 419. T-368F for sale

Yahoo group: T-368_BC-610
Date: 2000-05-04 20:55:42 UTC
From: W2ZR@aol.com
Topic: 419  Message: 419

I have the gear for sale listed below: All offers are noted....

$325 Johnson Viking II & vfo w/manual
$200 Icom IC-W24AT dual band HT w / Sp Mic and Dropin Chrger
$225 Crank-UP and tilt over Tower 75ft
$175 Heath Apache Transmitter w/manual
$175 DX-60B & VFO w/manual
$900 T-368 model F
$125 Heath Seneca AM Transmitter

Thanks !!!
Jeff
Location : Kalamazoo , MI 49004
Email : w8xq@...
616 381-3807

# 420. T-368F (being forwarded)

Yahoo group: T-368_BC-610
Date: 2000-05-04 23:35:53 UTC
From: W2ZR@aol.com
Topic: 420  Message: 420

Please respond to the seller at the end of this message, not me. Sri guys.

I have the gear for sale listed below: All offers are noted....

$325 Johnson Viking II & vfo w/manual
$200 Icom IC-W24AT dual band HT w / Sp Mic and Dropin Chrger
$225 Crank-UP and tilt over Tower 75ft
$175 Heath Apache Transmitter w/manual
$175 DX-60B & VFO w/manual
$900 T-368 model F
$125 Heath Seneca AM Transmitter

Thanks !!!
Jeff
Location : Kalamazoo , MI 49004
Email : w8xq@...
616 381-3807

# 421. Ebay funnies - this is too sad

Yahoo group: T-368_BC-610
Date: 2000-05-05 11:46:53 UTC
From: Mark Foltarz
Topic: 421  Message: 421

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=325350724

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=325346773

_____
Do You Yahoo!?
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http://im.yahoo.com/

# 422. Re: [T-368_BC-610] Ebay funnies - this is too sad

Yahoo group: T-368_BC-610
Date: 2000-05-05 14:39:16 UTC
From: tbigelow@pop.state.vt.us
Topic: 422  Message: 422

To those of us familiar with george and his sales practices, those prices are not at all surprising. What's surprising is that no one has yet bid! I mean, it's Epay!! ;)

I find this one rather humorous:

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=321743050

This guy has a rig that has a broken bandswitch, needs electrolytics and who-knows-what-else, won't fix it but encourages whoever the high bidder is to consult the book, but has a reserve so high that 8 bids up to $175 haven't yet met it. No doubt because the book he quotes from rates the receiver as 'very scarce'.

Come to think of it, I think this is the same guy who offered to trade me a common Collins 270-G* speaker for a Hallicrafters SX-115.....

Heh, hard to believe some really think we could be so stupid.....an unfortunate reality of the world we live in, I s'pose.... ;)

73 de Todd/'Boomer' KA1KAQ

Mark Foltarz wrote:

> http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=325350724
>
> http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=325346773
>
> _____
> Do You Yahoo!?
> Send instant messages & get email alerts with Yahoo! Messenger.
> http://im.yahoo.com/

# 423. T-368F

Yahoo group: T-368_BC-610
Date: 2000-05-06 18:58:04 UTC
From: W2ZR@aol.com
Topic: 423  Message: 423

Hi,
A day or two ago, I cross posted an email from a boatanchors reflector to this one because it contained, among other things, a T-3 for sale. The seller was W8XQ. It's been sold and I'm wondering if anyone on this list was the lucky buyer?

73,
Steve W2ZR
Crosley T-368C
67 EAC R-390A
SP-600 JX-17

# 424. List of manufacturers and contract numbers

Yahoo group: T-368_BC-610
Date: 2000-05-06 21:43:14 UTC
From: Joe Foley
Topic: 424  Message: 424

Hi list!

About a week ago a reader posted a request for information on manufacturers of T-368's, the basic model. He has informed me that he received no replies which usually means everyone was leaving it to someone who knew the information. What happens if no one knows is that everyone suspects that someone else answered and the request gets dropped in the bit bucket under the desk to be collectively forgotten.

So I'd like to raise the question again hoping that if anyone has some suggestions on where to look for this information they can direct us towards it and we can start the hunt.

So far the only webpages that concern the T-368 are KG2IC's, Bruce's, and Ott Kazott's.

Does anyone have a page that they could post the registry and the manufacturers list and contract numbers on?

Does anyone know of other information on the web concerning the T-368 and the BC-610?

Did anyone just get a nice T-368 from Michigan that they're not telling us about? C'mon....

73

Joe

---
Do You Yahoo!?
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http://im.yahoo.com/

# 425. Re: [T-368_BC-610] List of manufacturers and contract numbers

Yahoo group: T-368_BC-610
Date: 2000-05-06 21:58:08 UTC
From: Jack Taylor
Topic: 425  Message: 425

Joe indirectly raises the question "Is there one or more models of the T-368
that are more desirable than others?"

73 de Jack

-----Original Message-----
From: Joe Foley <redmenaced@...>
To: T-368_BC-610@egroups.com <T-368_BC-610@egroups.com>
Date: Saturday, May 06, 2000 3:43 PM
Subject: [T-368_BC-610] List of manufacturers and contract numbers

>Hi list!
>
>About a week ago a reader posted a request for
>information on manufacturers of T-368's, the basic
>model. He has informed me that he received no replies
>which usually means everyone was leaving it to someone
>who knew the information. What happens if no one
>knows is that everyone suspects that someone else
>answered and the request gets dropped in the bit
>bucket under the desk to be collectively forgotten.
>
>So I'd like to raise the question again hoping that if
>anyone has some suggestions on where to look for this
>information they can direct us towards it and we can
>start the hunt.
>
>So far the only webpages that concern the T-368 are
>KG2IC's, Bruce's, and Ott Kazott's.
>
>Does anyone have a page that they could post the
>registry and the manufacturers list and contract
>numbers on?
>
>Does anyone know of other information on the web
>concerning the T-368 and the BC-610?
>
>Did anyone just get a nice T-368 from Michigan that
>they're not telling us about? C'mon....
>
>73
>
>Joe
>
>_____
>Do You Yahoo!?

>Send instant messages & get email alerts with Yahoo! Messenger.
>http://im.yahoo.com/
>
>---------------------------------------------------------------------
>Buy and sell used, rare and vintage gear at the Web's best
>music gear auction. Register to enter the weekly gear giveaway!
>http://click.egroups.com/1/3730/4/_/592920/_/957649396/
>---------------------------------------------------------------------
>
>
>

# 426. TV-10 on that E-thingy

Yahoo group: T-368_BC-610
Date: 2000-05-06 23:08:25 UTC
From: Joe Foley
Topic: 426  Message: 426

Wow!!

Someone sold one for $365!

The bid got more than doubled 13 minutes before the
auction closed and someone else thumped that guy by $5
11 minutes before it ended.

TV-10 tube tester, that is.

Joe

_____
Do You Yahoo!?
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http://im.yahoo.com/

# 427. Re: [armyradios] MOS tubes for sale : 4-400A

Yahoo group: T-368_BC-610
Date: 2000-05-07 01:45:29 UTC
From: Joe Foley
Topic: 427  Message: 427

--- Jim/Julia <w7ls@...> wrote:
> Forwarded from Louie, via Jim W7LS. Contact Louie,
> not me, please. Jim
>
> FOR SALE: I have what I think would be of intrest
> to military collectors. I
> have a pair of Eimac 4-400a tubes in original
> military issued boxes with the
> JAN# on the box along with a date code of 7/69.
> These boxes are 31 years old
> and have NEVER been opened, still factory sealed. I
> fear to open the boxes
> and use the tubes because I think someone may want
> them for "collector"
> value. If there is no intrest in them, I will
> simply open them and use them
> in my amplifier. I want $300.00 for the pair of
> them. If your interested I
> can send you a digital photo of the boxes. Contact
> me at GUDGUYHAM@...
> Thanks 73 Louie
>
>

---------------------------------------------------
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# 428. E-bay stuff

Yahoo group: T-368_BC-610
Date: 2000-05-07 03:19:41 UTC
From: Joe Foley
Topic: 359  Message: 428

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=326089374

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=324633029

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=324696435

_____
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# 429. Re: [T-368_BC-610] List of manufacturers and contract numbers

Yahoo group: T-368_BC-610
Date: 2000-05-08 16:15:22 UTC
From: w7qho@aol.com
Topic: 425  Message: 429

I have a Basic serial #123 with a 52 contract date. Mfr. was Barker & Williamson.

Dennis DuVall, W7QHO

# 430. E-bay Funnies? Nah, better!!

Yahoo group: T-368_BC-610
Date: 2000-05-09 00:58:04 UTC
From: Joe Foley
Topic: 430  Message: 430

You want funnies?

Look at this one!!

This one's been up before, can't for the life of me
figure out why it didn't sell the first time!

"Ultra rare treat"

"Hardly ever seen here or anywhere else"

Musta come from one 'em 'ere space ships!

Hope you have two arms on your chair before you look
at the "opening" bid,..... hehehe

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=327971881

_____
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# 431. RE: [T-368_BC-610] E-bay Funnies? Nah, better!!

Yahoo group: T-368_BC-610
Date: 2000-05-09 02:24:55 UTC
From: Meir Ben-Dror
Topic: 430  Message: 431

Heavy mil. iron group,

This is really funny - he must be a sucker himself for what he paid for shipping from Germany - I just bought a Siemens E309a receiver from a surplus dealer in and shipping by second day air was $105 for the whole 112 LB crate! (As a side note, the Siemens receiver has a built-in tube tester that checks the condition of the tubes in operation....)

"From Germany comes the BEST TUBE TESTER ever made".....etc....." .....and $350 invested in express shipping from overseas."

I wonder whether some "audiophool" falls for the hype....
BTW a TV-7 is good 'nuff fer me!

73 de Meir, WF2U

-----Original Message-----
From: Joe Foley [mailto:redmenaced@...]
Sent: Monday, May 08, 2000 8:58 PM
To: T-368_BC-610@egroups.com
Subject: [T-368_BC-610] E-bay Funnies? Nah, better!!

You want funnies?

Look at this one!!

This one's been up before, can't for the life of me figure out why it didn't sell the first time!

"Ultra rare treat"

"Hardly ever seen here or anywhere else"

Musta come from one 'em 'ere space ships!

Hope you have two arms on your chair before you look at the "opening" bid,..... hehehe

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=327971881

_____
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---
You have a voice mail message waiting for you at iHello.com:

http://click.egroups.com/1/3555/4/_/592920/_/957833886/
---

# 432. ebay funny - a spelling lesson

Yahoo group: T-368_BC-610
Date: 2000-05-09 12:23:02 UTC
From: Mark Foltarz
Topic: 432  Message: 432

And today children we learn to spell cat..... Eh, it
could be worse i.e. - "We finna be selling dis here
toob" etc.

read the description section:
http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=323195320

_____
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# 433. T-368 part needed

Yahoo group: T-368_BC-610
Date: 2000-05-09 13:42:24 UTC
From: n2bc@stny.rr.com
Topic: 433  Message: 433

Hello group, just starting to peruse T-368 serial number 42.

Have a need and a question.

The need: The counter on the load vac var is busted (tens digit not incrementing). Anybody have one?

The question: How does one determine the model? I haven't looked under the power supply or modulator decks yet (still recovering from moving it yesterday). RF deck has the serial number plate.

It does have the T/R relay, but have not found any MWO numbers recorded (stamped or plates, etc).

I have ordered the TM from NTIS, I suspect it will give me clues.

THX all, de N2BC Bill

n2bc@...

-----
Sent using MailStart.com ( http://MailStart.Com/welcome.html )
The FREE way to access your mailbox via any web browser, anywhere!

# 434. Re: [T-368_BC-610] T-368 part needed

Yahoo group: T-368_BC-610
Date: 2000-05-09 14:07:57 UTC
From: Joe Foley
Topic: 434  Message: 434

--- n2bc@... wrote:
>
> Hello group, just starting to peruse T-368 serial
> number 42.
>
>
> Have a need and a question.
>
> The need: The counter on the load vac var is busted
> (tens digit
> not incrementing). Anybody have one?
++++++++++
You might want to call Fair on that, sounds like the pin that increments it is broken, could be that you just need a new wheel for it and it may be the same as the number wheels on other counters. Look for the manufacturer's name and number for comparison.

>
> The question: How does one determine the model?
++++++
The only way to be sure, that I know of, is to compare the decks with the pictures in the manual. The "C" manual has three different modulator decks illustrated, the contract dates are in the number of the picture. BUT, there's one picture that's wrong, its an earlier model that is used to illustrate the "C" model transmitter and its from, I think, the "A" model.

I
> haven't looked
> under the power supply or modulator decks yet (still
> recovering
> from moving it yesterday). RF deck has the serial
> number plate.
++++++++
The contract numbers are stamped on the right rear corner along with the manufacturer's number. Don't forget to make a "skateboard" for the bottom of the cabinet, it makes moving it a whole lot easi,..... well,... possible. I used 5" X 2" casters and a frame of 3" channel iron. I also use a dolly to drop the power supply deck onto when removing it, I just tip the deck face down onto the dolly. That puts it in

position to work on either the top or the bottom
without having to lift it repeatedly. I'm 6'3" and
weigh 200 Lbs and I don't lift it any more than I have
to.

>
>
> It does have the T/R relay, but have not found any
> MWO numbers
> recorded (stamped or plates, etc).
>
> I have ordered the TM from NTIS, I suspect it will
> give me clues.
++++++++++
Good start, Bill, where'd you get this one?

Tell us the story,

Joe

---
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# 435. T-3, the story

Yahoo group: T-368_BC-610
Date: 2000-05-09 23:52:22 UTC
From: Bill Coleman
Topic: 435  Message: 435

Per Joe's request following my earlier post...

Serial number 42 is from the KC2IC collection via WB2EMS. Neither Bruce or Kevin 'did' much to it.

Joe, thanks for the tips. It already has it's wheeled outrigger and a little transformer dolly I built years ago does a good job for the power supply deck.

I need to spend plenty of time looking around. Already found a couple small busted things - including the 5933/807 that got squished during it's move from EMS to here - the only tube in the whole thing missing it's hold down.

Scarest 'mods' are on the RF deck and the harness behind the mod deck. Couple wires soldered together and wrapped with long-ago petrified masking tape - oh, joy! Don't know any of the history pre-KG2IC, but there are plenty of markups on the diagrams. All pre-KG2IC.

Gameplan is to make it safe, get it running 'stock', re-wire the PA tank to take the B+ off the coil & bandswitch, then start some serious playing with the audio.

I don't expect it to see any real airtime until fall, but rest assured I'll be whining here for information!

Other goodies at N2BC: 74A-4 & KWS-1, 32V-2, R-390A, homebrew pair of 4-1000s (brag pix from prior to completion are here: http://www.angenent.org/W7IUV/amp-pix.htm ), and an RCA BTA-1 up in the garage undergoing a transformation to 160/75/and maybe 40. Oh yeah, there's a Kenwood something-or-other buried under the rubble on the op desk.

Most of my operating is CW, weekends I'll be on 10M AM with the 32V-2 and some ragchewin' on 15M SSB.

The's the T-3 story and the BC story as a bit of an intro to the list. I've enjoyed 'listening in' on here since it started up.

73 all de N2BC

# 436. T-368/URT Power Cable

Yahoo group: T-368_BC-610
Date: 2000-05-10 15:28:25 UTC
From: Hagan, Reid J
Topic: 436  Message: 436

I remember reading someone's input on hard wiring #10 round cable into the back of a T-3. The procedure that was presented, detailed the use of standard hardware (like that used on power boxes) and gave the actual hardware sizes and types. I have tried to find this data on the web pages, but to no avail. Does anybody remember reading this and know where this was posted? As the original plug only accepts #12 wire (without wholesale modifications) and is now very hard to find, I would be interested in the heavier #10 wire method. The way I see it, why run #10 to the outlet and then weaken the chain with #12 from the wall to the unit? Any inputs will be greatly appreciated.

Reid
W2HU

# 437. Re: [armyradios] BC-610 amplifier?

Yahoo group: T-368_BC-610
Date: 2000-05-10 17:18:54 UTC
From: Joe Foley
Topic: 437  Message: 437

--- Buzz <buzz@...> wrote:
> Hi Jack,
> I've got some BC-610 pics at:
> http://www.lanset.com/buzz/mvparad.html
> 73,
> Buzz
>
>
> On Wed, 10 May 2000 09:34:42 -0600, you wrote:
> >Has anyone ever seen the amplifier for the BC-610?
> Any pix on the net of
> >one?
> >
> >73 de Jack
> >
> >
> >
> >
>
>---------------------------------------------------------------------
> >FREE shipping, 30-Day No Question Returns, daily
> giveaways
> >and much, much more at zZounds.com. Your music gear
> superstore!
>
>http://click.egroups.com/1/3731/7/_/435556/_/957973322/
>
>---------------------------------------------------------------------
> >
> >For current radio net info, see the bi-weekly net
> >announcement which is sent to you via e-mail.
> >
> >The net schedule can also viewed at any time,
> >by going to:
> >
>
><http://www.onelist.com/files/armyradios/armynets.txt>
> >
> >Community email addresses:
> >Post message: armyradios@onelist.com
> > Subscribe: armyradios-subscribe@onelist.com
> > Unsubscribe: armyradios-unsubscribe@onelist.com
> > List owner: armyradios-owner@onelist.com
> >
> >Shortcut URL to this page:

> ><http://www.onelist.com/community/armyradios>
> >
>
>

---
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# 438. Re: [T-368_BC-610] T-368/URT Power Cable

Yahoo group: T-368_BC-610
Date: 2000-05-10 17:31:57 UTC
From: Joe Foley
Topic: 438  Message: 438

--- "Hagan, Reid J" <reid.j.hagan@...> wrote:
> I remember reading someone's input on hard wiring
> #10 round cable into the
> back of a T-3. The procedure that was presented,
> detailed the use of
> standard hardware (like that used on power boxes)
> and gave the actual
> hardware sizes and types. I have tried to find this
> data on the web pages,
> but to no avail. Does anybody remember reading this
> and know where this was
> posted? As the original plug only accepts #12 wire
> (without wholesale
> modifications) and is now very hard to find, I would
> be interested in the
> heavier #10 wire method. The way I see it, why run
> #10 to the outlet and
> then weaken the chain with #12 from the wall to the
> unit? Any inputs will
> be greatly appreciated.
+++++++++
Hi Reid,

What I did was to use a 1 1/4" X 3/4" reducing bushing, this a plumbing item, held in place with a 1 1/4" electrician's steel conduit locknut, use the heavy steel nut as the diecast ones are way to weak to hold something like this. And, if you use a "sealing" locknut it will have a rubber gasket that will help to keep it from coming loose in the future.

Then use a kellem grip type strain relief to hold the 10/3 SO cord in the reducer. Inside the transmitter I butt spliced the cord conductors to the power wires that used to go to the receptacle.

In retrospect the only thing I might do differently would be to use a 90 degree kellem grip so the cord would drop more naturally to the floor when the transmitter is pushed against the wall.

Joe

_____
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# 439. Re: [armyradios] BC-610 amplifier?

Yahoo group: T-368_BC-610
Date: 2000-05-10 20:54:02 UTC
From: Joe Foley
Topic: 437  Message: 439

```
--- Buzz <buzz@...> wrote:
> Hi Jack,
> I've got some BC-610 pics at:
> http://www.lanset.com/buzz/mvparad.html
> 73,
> Buzz
>
>
> On Wed, 10 May 2000 09:34:42 -0600, you wrote:
> >Has anyone ever seen the amplifier for the BC-610?
> Any pix on the net of
> >one?
> >
> >73 de Jack
> >
> >
> >
> >
>
>---------------------------------------------------------------------
> >FREE shipping, 30-Day No Question Returns, daily
> giveaways
> >and much, much more at zZounds.com. Your music gear
> superstore!
>
>http://click.egroups.com/1/3731/7/_/435556/_/957973322/
>
>---------------------------------------------------------------------
> >
> >For current radio net info, see the bi-weekly net
> >announcement which is sent to you via e-mail.
> >
> >The net schedule can also viewed at any time,
> >by going to:
> >
>
><http://www.onelist.com/files/armyradios/armynets.txt>
> >
> >Community email addresses:
> >Post message: armyradios@onelist.com
> > Subscribe: armyradios-subscribe@onelist.com
> > Unsubscribe: armyradios-unsubscribe@onelist.com
> > List owner: armyradios-owner@onelist.com
> >
> >Shortcut URL to this page:
```

> ><http://www.onelist.com/community/armyradios>
> >
>
>

---
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# 440. Re: [armyradios] BC-610 amplifier?

Yahoo group: T-368_BC-610
Date: 2000-05-10 21:02:53 UTC
From: Joe Foley
Topic: 437  Message: 440

--- "ROBERT W. DOWNS" <RWDowns_WA5CAB@...>
wrote:
> Message text written by
> INTERNET:armyradios@egroups.com
> >> Has anyone ever seen the amplifier for the
> BC-610?
> <
>
> I knew a guy in Oklahoma who had one. I once
> supplied him with a set of
> tank coils. I also have the TM.
>
> Robert Downs
> WA5CAB
> Houston
>

_____
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# 441. Lightning SUCKS!!

Yahoo group: T-368_BC-610
Date: 2000-05-10 21:34:42 UTC
From: Joe Foley
Topic: 441  Message: 441

Yikes!!

You guys were right!

Click-click,.....KA-BA-WHOOOOMMMMM!!!

Fourtunately I was inside the house,..... but
I was on the can! RUDE!!!

Don't know where it hit, can't find any Chernobyl
marks or any other indications.

Had all the antennas down, everything unplugged EXCEPT
the computer! Toasted the modem!

So now its back to 66 MHz,..... old modem won't work
in the newer computer. That sucks.

The radios are Ok, so far.

Joe

---
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# 442. Re: [T-368_BC-610] Lightning SUCKS!!

Yahoo group: T-368_BC-610
Date: 2000-05-10 23:23:29 UTC
From: Mike B. Feher
Topic: 442  Message: 442

Well this is not T-368 related but I have had a couple of modems fry before due to lightning and always found the problem to be the small fusible links or very low value resistors in series with the telephone input line. I think they put them in just for that purpose, to protect the modem. Of course now these are surface mount devices but it is easy enough to bypass them. You have nothing to loose to try. Not the same as working on a T-3 or a BC-610, HI. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-901-9193

----- Original Message -----
From: Joe Foley <redmenaced@...>
To: <R-390@...>; <T-368_BC-610@egroups.com>; <antennas@...>
Sent: Wednesday, May 10, 2000 5:34 PM
Subject: [T-368_BC-610] Lightning SUCKS!!

> Yikes!!
>
> You guys were right!
>
> Click-click,.....KA-BA-WHOOOOMMMMM!!!
>
> Fourtunately I was inside the house,..... but
> I was on the can! RUDE!!!
>
> Don't know where it hit, can't find any Chernobyl
> marks or any other indications.
>
> Had all the antennas down, everything unplugged EXCEPT
> the computer! Toasted the modem!
>
> So now its back to 66 MHz,..... old modem won't work
> in the newer computer. That sucks.
>
> The radios are Ok, so far.
>
> Joe
>
>
>
> _____
> Do You Yahoo!?
> Send instant messages & get email alerts with Yahoo! Messenger.

> http://im.yahoo.com/
>
> ---------------------------------------------------------------------
> Remember four years of good friends, bad clothes, explosive chemistry
> experiments.
> http://click.egroups.com/1/4051/4/_/592920/_/957994484/
> ---------------------------------------------------------------------
>
>
>

# 443. Re: [R-390] Lightning SUCKS!!

Yahoo group: T-368_BC-610
Date: 2000-05-11 16:25:17 UTC
From: tbigelow@pop.state.vt.us
Topic: 443  Message: 443

Joe and group -

I was inside of a garage last night picking up my [Ford] Ranger(after finding out it needs about $1200 work on the front end!)when a big ol' storm blew in. Right behind the shop is a softball field where I once played years back. About 2 or three years ago, a high school girl was struck and killed there during a game. A most unlikely place, down below a hill at the low point of town, tall buildings and trees around as well.

As I was standing there talking I heard a loud *SNICK* accompanied by a FLASH and loud *BOOM*. Made everyone jump a bit. Not sure where it hit, but it was close. I just find it odd that what would appear to be a protected area such as this seems to almost attract lightning.

The rumors are true - there really is no 'safe' place during a thunderstorm, as far as geography goes.

At least I was still fully clothed and not reading at the time. ;)

73 de Todd/'Boomer' KA1KAQ

Joe Foley wrote:

> Yikes!!
>
> You guys were right!
>
> Click-click,.....KA-BA-WHOOOOMMMMM!!!
>
> Fourtunately I was inside the house,..... but
> I was on the can! RUDE!!!
>
> Don't know where it hit, can't find any Chernobyl
> marks or any other indications.
>
> Had all the antennas down, everything unplugged EXCEPT
> the computer! Toasted the modem!
>
> So now its back to 66 MHz,..... old modem won't work
> in the newer computer. That sucks.
>
> The radios are Ok, so far.
>
> Joe

# 444. Book report

Yahoo group: T-368_BC-610
Date: 2000-05-11 17:53:05 UTC
From: Bill Coleman
Topic: 444  Message: 444

Hi folks, a quick note about government working right for a change! I ordered the T-3 Tech Manual from the NTIS on Tuesday (5/9) - it's here today (5/11) ! Excellent quality repro, incredible speed getting it shipped.

Now if only the State of NY could get a budget passed on time.... sigh.

CUL, I have lots of reading to do.

73, Bill N2BC

# 445. T368 Power Cable, etc.

Yahoo group: T-368_BC-610
Date: 2000-05-11 18:03:14 UTC
From: w7qho@aol.com
Topic: 445  Message: 445

All,

Primary power requirements as measured on my Basic unit are as follows:

Line voltage - 120vac

Filaments & fans only - 4.5 amp.

Key-down exciter only - 5 amp.

Key-down 400 watts out - 15 amp.

Key-down modulate 100% with a steady whistle - 19 amp.

Based on this a flexible line cord with # 14 conductors would be sufficient to feed the beast according to my NEMA handbook. Number 12 would be more than sufficient, of course (this is what I use on my units) but # 10 conductors would be overkill unless one had an extremely long run. For example, I use a 100 ft extention cord with # 10 conductors for portable operation but this is to minimize voltage drop, not for maximum current carrying capacity. BTW, I haven't experienced any trouble finding #12 flexible line cord. I have also found that made-up extention cords are frequently cheaper than an equivalent length of wire "off the reel." Just cut the molded-on ends off if you want to use different connectors.

On my units I removed the original power receptacle (J14) and covered the hole with an aluminum plate. Drilled the center of this put in a rubber grommet and brought the 3-conductor line cord in through this opening. Secured the cord to the bottom of the cabinet with a cable clamp and spliced the input line-cord conductors to the original cabinet primary wiring with a couple of wire nuts. Connected the green wire to the cabinet, of course. I also added a permanent jumper on the back of J13 and put a cover plate over the front of this receptacle.

A 20 amp circuit is sufficient to supply the T368 and I run mine on such. However, these units do exhibit a certain pecularity on key-down. Depending on the point on the hysteresis loop the HV transformer was in at the instant of the previous key-up, and the exact point on the AC cycle at the instant of the next key-down the T3 can draw a high input current that will kick circuit breakers from time-to-time. Both my units exhibit this trick and I have heard many reports of the same phenomenon from other users. Which breaker goes depends on the particular installation. Back at my former QTH in MD I was feeding my units off a short run to a 400 amp input service through a 30 amp circuit breaker, i.e., a very "stiff" source. There the breakers on the front of the PS drawer (usually both) would kick on key-down every so often. Here in CA it's the 20 amp breaker on the wall of my shack that goes. A long run to the primary source can help here - a bit of line resistance will serve

to limit the peak current. I recently ran my "C" model in an RV park at the MRCG meet. I was at the end of the park and was using a 100 foot extention cord in addition (see above). The hookup only had a 20 amp breaker but this didn't trip once in two days of operaton (I was also feeding the rec. and a desk lamp off the same circuit).

Dennis DuVAll, W7QHO
Glendale, CA

# 446. Modulation Voltage

Yahoo group: T-368_BC-610
Date: 2000-05-12 01:19:51 UTC
From: Joe Foley
Topic: 446  Message: 446

Does any one have the voltage measurement on the wiper
of the MODULATION BIAS voltage pot when its at 230 -
250 mA of modulation current. For the T-368, that is.

Thanks,

Joe

_____
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http://im.yahoo.com/

# 447. Re: [T-368_BC-610] T368 Power Cable, etc.

Yahoo group: T-368_BC-610
Date: 2000-05-12 02:02:15 UTC
From: Joe Foley
Topic: 447  Message: 447

--- w7qho@... wrote:
> All,
>
> Primary power requirements as measured on my Basic
> unit are as follows:
>
> Line voltage - 120vac
>
> Filaments & fans only - 4.5 amp.
>
> Key-down exciter only - 5 amp.
>
> Key-down 400 watts out - 15 amp.
>
> Key-down modulate 100% with a steady whistle - 19
> amp.
++++++++++++++
Nope, Dennis, I'm not going to buy it.

That's cutting it too close. Any surge going from rest to key down could put it over 20 amps quickly which a magnetic breaker is best designed to take out. And I'd expect that there would be substantial surge with a plate transformer that big and going from 4.5 amps to 19 amps quickly. Or even 15 amps.

I'd expect it to take the circuit out more than it does in the case you described, especially if the line voltage is low, but it may not.

The NEC only allows an 80% loading on general use circuits. I haven't looked up dedicated circuits in years but its still too close to make me happy, I'd expect nuisance tripping at 20 amps.

My cord installation doesn't change anything on the transmitter, no holes drilled or filled. The reducing bushing fits the existing hole tightly.

Joe

_____
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http://im.yahoo.com/

# 448. TV-10 tube tester

Yahoo group: T-368_BC-610
Date: 2000-05-12 02:37:52 UTC
From: Joe Foley
Topic: 448  Message: 448

Another one came up for auction just tonight, if
anyone's interested. Roy?

Joe

_____
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http://im.yahoo.com/

# 449. Re: [T-368_BC-610] T368 Power Cable, etc.

Yahoo group: T-368_BC-610
Date: 2000-05-12 16:17:31 UTC
From: w7qho@aol.com
Topic: 447  Message: 449

In a message dated 00-05-11 22:02:50 EDT, you write:

<< Nope, Dennis, I'm not going to buy it. >>

Well, Joe, I'm not sure just what you "don't buy." Is it my measurements, wire size, breaker size, my observations based on running two of these things very successfully for the last 5 years under a variety of circumstamces or what?

Incidentally, the filament CB on the front of the PS drawer (which carries all the current into the unit) is rated at 20 amps and the plate power CB is rated at 15 amps. The designers of the equipment apparently thought this was sufficient.

Also, my line cord installation doesn't require drilling any extra holes in the cabinet either but duplication by others is strictly optional.

Dennis DuVall, W7QHO

# 450. Re: [T-368_BC-610] T368 Power Cable, etc.

Yahoo group: T-368_BC-610
Date: 2000-05-12 16:46:49 UTC
From: Joe Foley
Topic: 447  Message: 450

Hi Dennis,

I show the filament breaker at 25 amps and the Plate
power breaker at 20 amps for the "C" model and later.
That must be where the problem is. What schematic do
you have?

If you look at the "Differences between models" chart
on page 9 of the -10 manual it shows the plate
transformer drawing only 475 mA on the basic model
while the "A" and later draw 500 mA. Also, the
exciter plate transformer is larger on later models.
T-4 secondary current rating is one amp higher except
for the "A" model which is twice as much, at 6 amps!

So the current draw of the different models is
important to consider for input power circuit sizing.

Good thing we disagreed, I hadn't considered that.

Joe

--- w7qho@... wrote:
> In a message dated 00-05-11 22:02:50 EDT, you write:
>
> << Nope, Dennis, I'm not going to buy it. >>
>
>
> Well, Joe, I'm not sure just what you "don't buy."
> Is it my measurements,
> wire size, breaker size, my observations based on
> running two of these things
> very successfully for the last 5 years under a
> variety of circumstamces or
> what?
>
> Incidentally, the filament CB on the front of the PS
> drawer (which carries
> all the current into the unit) is rated at 20 amps
> and the plate power CB is
> rated at 15 amps. The designers of the equipment
> apparently thought this was
> sufficient.
>
> Also, my line cord installation doesn't require
> drilling any extra holes in

> the cabinet either but duplication by others is
> strictly optional.
>
> Dennis DuVall, W7QHO
>
>

---
Do You Yahoo!?
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http://im.yahoo.com/

# 451. Re: [T-368_BC-610] T368 Power Cable, etc.

Yahoo group: T-368_BC-610
Date: 2000-05-12 17:24:00 UTC
From: w7qho@aol.com
Topic: 447  Message: 451

In a message dated 00-05-12 12:47:54 EDT, you write:

<< What schematic do
you have? >>

I've got both but was talking about the Basic. Am aware of the differences in later models. Have one of each and haven't noticed any obvious differences in "trip-out" behavior between the two at least when operating at legal power levels (375 watts carrier). Also, suspect the delay curves on the T3 breakers are different than those used in residential service.

# 452. T-368 Parts Availability

Yahoo group: T-368_BC-610
Date: 2000-05-12 19:57:56 UTC
From: Hagan, Reid J
Topic: 452  Message: 452

We all know that spare parts for the T-3 are more and more difficult to find, but if one really "digs in" at hamfests, sometimes some good things can be found. I recently went to the Wrightstown 'fester in Pennsylvania and found 5,
T-3 knobs (not crank types) in a large box of knobs and buttons. I dug around and wound up with 5 good spares in great shape for the high total price of $2.00. I also uncovered a like new 0-500 MA meter for $1.00. This might be a rarity to some, but if you are willing to get down and root through the mess, rewards can and do present themselves!
My good friend Ott Kazott also found a few nice goodies that escaped my gimlet eye!

Keep
digging,

Reid W2HU

# 453. Re: [T-368_BC-610] T-368 Parts Availability

Yahoo group: T-368_BC-610
Date: 2000-05-12 20:36:45 UTC
From: Jack Taylor
Topic: 453  Message: 453

That's a good thought! To magnify this effort perhaps "we who need parts" should establish our needs here on the group so others could be on the lookout.

73 de Jack

-----Original Message-----
From: Hagan, Reid J <reid.j.hagan@...>
To: '*****T-368 Group' <T-368_BC-610@egroups.com>
Date: Friday, May 12, 2000 1:57 PM
Subject: [T-368_BC-610] T-368 Parts Availability

We all know that spare parts for the T-3 are more and more difficult to find, but if one really "digs in" at hamfests, sometimes some good things can be found. I recently went to the Wrightstown 'fester in Pennsylvania and found 5,
T-3 knobs (not crank types) in a large box of knobs and buttons. I dug around and wound up with 5 good spares in great shape for the high total price of $2.00. I also uncovered a like new 0-500 MA meter for $1.00. This might be a rarity to some, but if you are willing to get down and root through the mess, rewards can and do present themselves!
My good friend Ott Kazott also found a few nice goodies that escaped my gimlet eye!

Keep
digging,

Reid W2HU

---
How about a flat, no-fee long distance rate of 6.7? per min. -
or less? Join beMANY! Our huge buying group gives you rates which
fall monthly, plus an extra $60 in FREE calls!
http://click.egroups.com/1/3820/4/_/592920/_/958161420/
---

# 454. T-368F and R-390A on E-bay

Yahoo group: T-368_BC-610
Date: 2000-05-13 01:11:51 UTC
From: Joe Foley
Topic: 454  Message: 454

Don't get too excited the opening bid for the T-3 is
$1500. No pictures! Its near Dayton, too. He won't
ship.

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=330542983

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=330594773

_____
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http://im.yahoo.com/

# 455. Hickok roll chart tension

Yahoo group: T-368_BC-610
Date: 2000-05-13 01:18:17 UTC
From: Joel Cumberland
Topic: 455  Message: 455

Hello men.

Does anyone have any good methods of getting the roll chart in a tube tester {Hickok in this case} to turn smoothly? Mine was really loose and tended to bunch up so I cut the tape on one end and pulled the paper completely off and rewound it tighter. Now it is loose in the middle {and cocked} and binds on the ends! Before I make matters worse I thought I would ask the group.
Thanks.

Joel Cumberland
N3EYR

# 456. Nice addition for a BC-610

Yahoo group: T-368_BC-610
Date: 2000-05-16 22:17:32 UTC
From: Joe Foley
Topic: 456  Message: 456

Also, saw some 4-400A's and another 4D21

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=332778361

_____
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http://im.yahoo.com/

# 457. You guys are gonna miss it!!

Yahoo group: T-368_BC-610
Date: 2000-05-17 01:30:21 UTC
From: Joe Foley
Topic: 457  Message: 457

Only 25 minutes left,..... no bids yet! Only $1500!
Yeah!

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=330594773

_____
Do You Yahoo!?
Send instant messages & get email alerts with Yahoo! Messenger.
http://im.yahoo.com/

# 458. Re: [T-368_BC-610] You guys are gonna miss it!!

Yahoo group: T-368_BC-610
Date: 2000-05-17 13:48:39 UTC
From: tbigelow@pop.state.vt.us
Topic: 458  Message: 458

Shoot - I'd bid, but I'm still waiting for one of those $400 ones I saw a
couple years back.... ;)

73 de Todd/'Boomer' KA1KAQ

Joe Foley wrote:

> Only 25 minutes left,..... no bids yet! Only $1500!
> Yeah!
>
> http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=330594773
>
> _____
> Do You Yahoo!?
> Send instant messages & get email alerts with Yahoo! Messenger.
> http://im.yahoo.com/
>
> ---
> Let us remember those important dates for you!
> Check out eGroups' calendar at:
> http://click.egroups.com/1/3937/4/_/592920/_/958527022/
> ---

# 459. Re: [T-368_BC-610] You guys are gonna miss it!!

Yahoo group: T-368_BC-610
Date: 2000-05-17 14:06:41 UTC
From: Mike B. Feher
Topic: 458  Message: 459

Yep, $400 is what I paid for my F model about 10 years ago. It was in real bad shape. I had to essentially rebuild it. Even took out the old wiring harness and replaced it. Also re-painted the whole cabinet and front panels. It looks like a beauty now. Sounds great also using an RCA ribbon velocity mike. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell NJ, 07731
(732) 901-9193

----- Original Message -----
From: <tbigelow@...>
To: "Joe Foley" <redmenaced@...>
Cc: <T-368_BC-610@egroups.com>
Sent: Wednesday, May 17, 2000 9:48 AM
Subject: Re: [T-368_BC-610] You guys are gonna miss it!!

> Shoot - I'd bid, but I'm still waiting for one of those $400 ones I saw a
> couple years back.... ;)
>
> 73 de Todd/'Boomer' KA1KAQ
>
> Joe Foley wrote:
>
> > Only 25 minutes left,..... no bids yet! Only $1500!
> > Yeah!
> >
> > http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=330594773
> >
> > _____
> > Do You Yahoo!?
> > Send instant messages & get email alerts with Yahoo! Messenger.
> > http://im.yahoo.com/
> >
> > ---------------------------------------------------------------------
> > Let us remember those important dates for you!
> > Check out eGroups' calendar at:
> > http://click.egroups.com/1/3937/4/_/592920/_/958527022/
> > ---------------------------------------------------------------------
>
>
>
>
> ---------------------------------------------------------------------
> Porsche Boxter. You and a friend. Nine dream days from

> Napa Valley to Beverly Hills. Provided by CarsDirect.com.
> Click to enter.
> http://click.egroups.com/1/3993/4/_/592920/_/958571210/
> ---------------------------------------------------------------------
>
>
>

# 460. Re: [T-368_BC-610] You guys are gonna miss it!!

Yahoo group: T-368_BC-610
Date: 2000-05-17 14:27:34 UTC
From: Jack Taylor
Topic: 458  Message: 460

Boy, I'll tell you.....you people with money! I'm waiting to be issued
one from the MARS program....Where a LOT of these units (some with shelters)
went.

73 de Jack

-----Original Message-----
From: tbigelow@... <tbigelow@...>
To: Joe Foley <redmenaced@...>
Cc: T-368_BC-610@egroups.com <T-368_BC-610@egroups.com>
Date: Wednesday, May 17, 2000 7:46 AM
Subject: Re: [T-368_BC-610] You guys are gonna miss it!!

>Shoot - I'd bid, but I'm still waiting for one of those $400 ones I saw a
>couple years back.... ;)
>
>73 de Todd/'Boomer' KA1KAQ
>
>Joe Foley wrote:
>
>> Only 25 minutes left,..... no bids yet! Only $1500!
>> Yeah!
>>
>> http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=330594773
>>
>> _____________________________________________
>> Do You Yahoo!?
>> Send instant messages & get email alerts with Yahoo! Messenger.
>> http://im.yahoo.com/
>>
>> ------------------------------------------------------------------------
>> Let us remember those important dates for you!
>> Check out eGroups' calendar at:
>> http://click.egroups.com/1/3937/4/_/592920/_/958527022/
>> ------------------------------------------------------------------------
>
>
>
>
>------------------------------------------------------------------------
>Porsche Boxter. You and a friend. Nine dream days from
>Napa Valley to Beverly Hills. Provided by CarsDirect.com.
>Click to enter.
>http://click.egroups.com/1/3993/4/_/592920/_/958571210/
>------------------------------------------------------------------------
>

>
>

# 461. Re: [T-368_BC-610] You guys are gonna miss it!!

Yahoo group: T-368_BC-610
Date: 2000-05-17 14:55:40 UTC
From: tbigelow@pop.state.vt.us
Topic: 458  Message: 461

Mike -

Which RCA velocity are you using with it? I have a few of the old 74's(I think), referred to as the '44 Jr.', I wonder if one of these would mate up well after doing some audio mods?

Of course, I still need the T-3.....I know, the likelihood of finding a $400 is probably less than what it was a few years ago, but they're still out there. I live in eternal hope. Hey, I have no choice - I can't afford the $1500 collector-models. ;)

73 de Todd/'Boomer' KA1KAQ

Mike B. Feher wrote:

> Yep, $400 is what I paid for my F model about 10 years ago. It was in real
> bad shape. I had to essentially rebuild it. Even took out the old wiring
> harness and replaced it. Also re-painted the whole cabinet and front panels.
> It looks like a beauty now. Sounds great also using an RCA ribbon velocity
> mike. 73 - Mike
>
> Mike B. Feher, N4FS
> 89 Arnold Blvd.
> Howell NJ, 07731
> (732) 901-9193
>
> ----- Original Message -----
> From: <tbigelow@...>
> To: "Joe Foley" <redmenaced@...>
> Cc: <T-368_BC-610@egroups.com>
> Sent: Wednesday, May 17, 2000 9:48 AM
> Subject: Re: [T-368_BC-610] You guys are gonna miss it!!
>
> > Shoot - I'd bid, but I'm still waiting for one of those $400 ones I saw a
> > couple years back.... ;)
> >
> > 73 de Todd/'Boomer' KA1KAQ
> >
> > Joe Foley wrote:
> >
> > > Only 25 minutes left,..... no bids yet! Only $1500!
> > > Yeah!
> > >
> > > http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=330594773
> > >
> > > _____

> > > Do You Yahoo!?
> > > Send instant messages & get email alerts with Yahoo! Messenger.
> > > http://im.yahoo.com/
> > >
> > > ---------------------------------------------------------------------
> > > Let us remember those important dates for you!
> > > Check out eGroups' calendar at:
> > > http://click.egroups.com/1/3937/4/_/592920/_/958527022/
> > > ---------------------------------------------------------------------
> >
> >
> >
> >
> > ---------------------------------------------------------------------
> > Porsche Boxter. You and a friend. Nine dream days from
> > Napa Valley to Beverly Hills. Provided by CarsDirect.com.
> > Click to enter.
> > http://click.egroups.com/1/3993/4/_/592920/_/958571210/
> > ---------------------------------------------------------------------
> >
> >
> >

# 462. $1500

Yahoo group: T-368_BC-610
Date: 2000-05-17 19:44:51 UTC
From: Joe Foley
Topic: 462  Message: 462

Ok,.... so that's a bit much to pay for a T-3.

I don't think the guy understands how the auction thing works, the way he did it turned it into just another sale,..... or no-sale.

He left no opportunity to make a lower counter offer, or to let the "market", such as it is, set the price. If he'd made $1500 his reserve he still wouldn't have to let it go if he didn't get his expected price, but he would have been able to tell how far off his expectations were. Did anybody on the list E-mail him to find out about this unit? I deleted his E-mail address and can't find it again on the E-bay site.

Too bad, he could have made a better presentation. Oh well, maybe he'll list it again.

73

Joe

---
Do You Yahoo!?
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http://im.yahoo.com/

# 463. Re: [T-368_BC-610] $1500

Yahoo group: T-368_BC-610
Date: 2000-05-18 14:15:22 UTC
From: tbigelow@pop.state.vt.us
Topic: 463  Message: 463

I agree, Joe -

One thing I've found, though - more often than not, when someone has a high price like that, they think they have a retirement account, '@@RARE@@' collector's item, or such. I've been sucessful in buying many items on epay under the reserve, often on auctions that never got a single bid. All were low-end auctions, though. Trouble is, someone has a T-3 or a piece of Collins gear and may have heard/seen/been told of some perceived 'value', so they feel they need to get that much and more, or keep trying until they do. It seldom seems to be a case of someone selling something they want to get rid of anymore in these deals, more someone trying to make a lot of money off something they probably got cheap or free.

Lately it hasn't been a case of letting the 'market' determine the price, it's more a case of relisting an item and waiting for the right suc....erm....'bidder' to come along. I've seen items put up repeatedly for the same ridiculous opening bid until they finally get a bid and sell.

So we can praise the internet for bringing us 'more', but we also have to accept that 'more' means 'more idiots', too - in many different areas. ;)

73 de Todd/'Boomer' KA1KAQ

Joe Foley wrote:

> Ok,.... so that's a bit much to pay for a T-3.
>
> I don't think the guy understands how the auction
> thing works, the way he did it turned it into just
> another sale,..... or no-sale.
>
> He left no opportunity to make a lower counter offer,
> or to let the "market", such as it is, set the price.
> If he'd made $1500 his reserve he still wouldn't have
> to let it go if he didn't get his expected price, but
> he would have been able to tell how far off his
> expectations were. Did anybody on the list E-mail him
> to find out about this unit? I deleted his E-mail
> address and can't find it again on the E-bay site.
>
> Too bad, he could have made a better presentation. Oh
> well, maybe he'll list it again.
>
> 73
>
> Joe

>
> _____
> Do You Yahoo!?
> Send instant messages & get email alerts with Yahoo! Messenger.
> http://im.yahoo.com/
>
> ---
> Special Offer-Earn 300 Points from MyPoints.com for trying @Backup
> Get automatic protection and access to your important computer files.
> Install today:
> http://click.egroups.com/1/2344/4/_/592920/_/958592692/
> ---

# 464. BC-610 Mod Transformer?

Yahoo group: T-368_BC-610
Date: 2000-05-19 23:24:33 UTC
From: Joe Foley
Topic: 464  Message: 464

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=336415466

_____
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http://im.yahoo.com/

# 465. New T-3 from Dayton?

Yahoo group: T-368_BC-610
Date: 2000-05-22 02:41:06 UTC
From: Joe Foley
Topic: 465  Message: 465

Hi list,

I listened to Bruce' KG2CI Special Event Station at
the Dayton Hamvention on 40 metres Saturday, he was
VERY busy trying to get to 20 metres, too many
check-ins, lots of attention.

I don't have an antenna for that band up yet or I
would have tried it, too.

I would like to report that "someone" was successful
in bringing a T-3 home with him, no, not me, I didn't
go. He said he'd do a report when he recovers!
Including the usual major hurdle associated with the
T-3,..... getting the silly thing in the car!!

73

Joe

---------------------------------------------------
Do You Yahoo!?
Send instant messages & get email alerts with Yahoo! Messenger.
http://im.yahoo.com/

# 466. Registry 5/22/00

Yahoo group: T-368_BC-610
Date: 2000-05-22 11:33:09 UTC
From: W2ZR@aol.com
Topic: 466  Message: 466

KG2CI redmenaced@...
Bendix T-368 E #160
contract 3219-PP-59

W2ZR w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmassens Army Depot

WF2U mbendror@...
B&W T-368E #628
contract 15117-PP-62

W8KXR jtone@...
B&W T-368C #216
contract 43056-P-55

Bendix T-368C #209
contract 3219-PP-59

W4WSZ bobm@...
Stromberg-Carlson T-368D #161

KF2JQ jprusso@...
(awaiting further info)

WB3FAU wb3fau@...
Oneida T-368F #192
contract 15498-PP-63

KA3OTT kazott@...
B&W T-368C #018
contract 43056-P-56

KW1I Dale.Gagnon@...
AMF T-368A #62
contract 25209-PHILA-54

W3NP daveh@...
B&W T-368E #575
contract 15117-PP-62

KD1YT tlewis@...
B&W T-368E #27
contract 15117-PP-62
overhauled at Pirmassens Army Depot

KX4R kx4rgc@...
Crosley T-368C #560
contract 21316-PH-56

WB6DXR lesterw@...
B&W T-368 #18
contract 25633-Phila-53

W2HU reid.j.hagan@...
T-368 #138
(awaiting further info)

W7QHO w7qho@...
B&W T-368 #123
(awaiting further info)

K2AUS w.d.gallagher@...
T-368F (awaiting further info)

N4FS n4fs@...
TRW T-368F #261
contract 14527(E)

# 467. Registry 5/22/00 updated

Yahoo group: T-368_BC-610
Date: 2000-05-22 15:45:20 UTC
From: W2ZR@aol.com
Topic: 467  Message: 467

KG2CI redmenaced@...
Bendix T-368 E #160
contract 3219-PP-59

W2ZR w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmassens Army Depot

WF2U mbendror@...
B&W T-368E #628
contract 15117-PP-62

W8KXR jtone@...
B&W T-368C #216
contract 43056-P-55

Bendix T-368C #209
contract 3219-PP-59

W4WSZ bobm@...
Stromberg-Carlson T-368D #161

KF2JQ jprusso@...
(awaiting further info)

WB3FAU wb3fau@...
Oneida T-368F #192
contract 15498-PP-63

KA3OTT kazott@...
B&W T-368C #018
contract 43056-P-56

KW1I Dale.Gagnon@...
AMF T-368A #62
contract 25209-PHILA-54

W3NP daveh@...
B&W T-368E #575
contract 15117-PP-62

KD1YT tlewis@...
B&W T-368E #27
contract 15117-PP-62
overhauled at Pirmassens Army Depot

KX4R kx4rgc@...
Crosley T-368C #560
contract 21316-PH-56

WB6DXR lesterw@...
B&W T-368 #18
contract 25633-Phila-53

W2HU reid.j.hagan@...
T-368 #138
(awaiting further info)

W7QHO w7qho@...
B&W T-368 #123
(awaiting further info)

K2AUS w.d.gallagher@...
T-368F (awaiting further info)

N4FS n4fs@...
TRW T-368F #261
contract 14527(E)

WA1QHQ mark.donaldson@...
B&W T-368 #32
contract 25070-Phila-54

# 468. FS -- Military BA manuals on CD

Yahoo group: T-368_BC-610
Date: 2000-05-22 22:36:57 UTC
From: plmills@attglobal.net
Topic: 468  Message: 468

Hello,

I've finally finished scanning manuals for my military manual CD
project.
The CD is $10 which includes first class postage in the US. I also have
a tube data CD and a surplus conversion manual CD available....if you
are
interested in those, please e-mail me for a description.

The mil CD has the following:

acro-read.exe Adobe Acrobat reader 4.05 installation

ART-13.pdf NAVWEPS 16-30ART13-5, Handbook Maintenance
Instructions Aircraft Radio Equipment AN/ART-13
Oscillator 0-17/ART-13A. The big one, over 350
pages of tuning charts, maintenance instructions,
drawings, and schematics.

BC-312-342.pdf TM11-850, Radio Receivers BC-312, BC-342, BC-314,
and BC-344 (multiple versions of each). Includes
schematics and troubleshooting information.

BC-348J-N-Q.pdf Handbook of Maintenance Instructions for Radio
Receivers BC-348-J, BC-348-N and BC-348-Q,
79 pages plus schematics and diagrams.

BC-348E-M-P.pdf Instruction Book for Operation and Maintenance
of Radio Receivers BC-348-E, BC-348-M and
BC-348-P, 80 pages including schematics and
diagrams.

BC-375-E.pdf Instruction Book for Operation and Maintenance
of Radio Transmitter BC-375-E and Associated
Equipment, 88 pages including schematics and
diagrams.

BC-610-E-I.pdf TM11-826, TO 31R2-3SCR399-21, Radio Transmitters
BC-610-E,-F, -G, -H, -I and Radio Transmitter
T-213/GRC-26 and Antenna Tuning Units BC-939A
and -B, 150 plus pages including schematics
and changes C-1, C-5, and C-6.

BC-614.pdf TM11-5054, TO 16-40BC614-6, Speech Amplifier
BC-614-E,F,H, and I, 60 plus pages with schematics
and wiring diagrams.

BC-1031-Pana.pdf TM11-446, Panoramic Adaptors BC-1031-A, BC-1031-B,
BC-1032-A, and BC-1032-B, 100 plus pages with
schematics

ME-165g.pdf TM11-6625-333-15, Standing Wave Ratio Power
Meter ME-165/G

Mil-Hdbk-213A.pdf Military Handbook, Electron Tubes, Cross Index
and Type Identification.

R274-FRR.pdf TM11-897, Radio Receiver R274/FRR, 104 pages with
schematics. (SX-73)

SRR-11-13.pdf Navships 91875(A), Instruction Book for Radio
Receiving Sets AN/SRR-11, AN/SRR-12, AN/SRR-13.
The big one, several hundred pages of information,
diagrams, and schematics. October 1953 manual
with change 1 dated August 1956.

t195-maint.pdf TM11-806, TO 31R2-2GRC19-11, Radio Transmitter
T-195/GRC-19, field maintenance manual, 190 pages.

t195-schem.pdf Schematics accompanying above TM11-806.

t195-oper.pdf TM11-5820-295-10, Operators Manual Radio Set
AN/GRC-19, 48 pages.

t368-dep-maint.pdf TM11-809-35, TO 31R2-2URT-134, Radio Transmitters
T368/URT....And Antenna Tuning Unit BC-939B
Field and Depot Maintenance. Has changes C1, C2,
C3, and C5 and covers through the T368E model.

t368-oper.pdf TM11-809-10, TO 31R2-2URT-121, Radio Transmitters
T368/URT Operator's Manual. With addenda to
cover T368 through T368E.

t368-org-maint.pdf TM11-809-20, TO 31R2-2URT-124, Organizational
Maintenance Radio Transmitters T368 through
T368C, with changes C1 and C4

TM-11-310-schem.pdf TM11-310, Schematic Diagrams for Maintenance of
Ground Radio Communication Sets. 1943 manual with
over 200 pages of service data and schematics for
radios BC-148 to BC-1000, power units BC-92-B to
PE-117C, radio sets SCR-177-B to SCR-828.

urm-25d.pdf Navships 92134A, Instruction Book for RF Signal
Generator Set AN/URM-25D

To purchase a CD, send your check for $10 to me at:

Philip Mills
P.O. Box 1307
Friendswood, TX 77549

Please include your address and a note as to which CD you are buying.

Thanks & 73,
Phil
W5BVB

# 469. FS - Mil BA CD again

Yahoo group: T-368_BC-610
Date: 2000-05-22 23:28:47 UTC
From: plmills@attglobal.net
Topic: 469  Message: 469

Sorry for the extra bandwidth. I forgot to mention that the manuals are scanned in Adobe .pdf format so they can be printed or viewed on screen. Requirements are Windows 95 or 98. Version 4 of the Adobe reader is also required but I've got that on the CD in installable form.

thanks,
Phil
W5BVB

# 470. Parts for your favorite toys?

Yahoo group: T-368_BC-610
Date: 2000-05-23 21:05:29 UTC
From: Joe Foley
Topic: 470  Message: 470

R-390, R-390A, R-392, PRC's, URM-80, etc.

http://www.atc-us.com/ATC-ctlg.html

_____
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http://im.yahoo.com/

# 471. New Cost?

Yahoo group: T-368_BC-610
Date: 2000-05-23 23:16:24 UTC
From: Joe Foley
Topic: 471  Message: 471

Ok, so after trying to find a replacement air variable
vacuum cap for a fellow list member and seeing the
prices of the used ones I'm lead to ask if anyone
knows what a new T-3 cost the gov't, back when they
were buying them.

And does anyone know where we can find a 1500 pf cap
for a T-3?

Thanks,

73

Joe

---------------------------------------------------
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http://im.yahoo.com/

# 472. Re: [T-368_BC-610] New Cost?

Yahoo group: T-368_BC-610
Date: 2000-05-24 02:48:12 UTC
From: Gene G. Beckwith
Topic: 472  Message: 472

Joe Foley wrote:
>
> Ok, so after trying to find a replacement air variable
> vacuum cap for a fellow list member and seeing the
> prices of the used ones I'm lead to ask if anyone
> knows what a new T-3 cost the gov't, back when they
> were buying them.
>
> And does anyone know where we can find a 1500 pf cap
> for a T-3?
>
> Thanks,
>
> 73
>
> Joe
>
> _____
> Do You Yahoo!?
> Send instant messages & get email alerts with Yahoo! Messenger.
> http://im.yahoo.com/
>
> ---
> Sign up for the free zZounds.com newsletter for the latest and
> greatest music gear savings, musician tips and hot contests.
> http://click.egroups.com/1/3733/4/_/592920/_/959123785/
> ---

Joe,

No lead on a variable cap for the T-3 other than maybe a call to FAIR...did see two plate tank coils for the T3 at Dayton... pulls...they asking $50...most I watched didn't know what it was...

BTW, found two new 4-125's (amperex) in box...at, after SERIOUS bargining for 45 for the pair...Did I get taken? Don't know, but they were a pair and chance of find two new ones, I felt was slim.

73 es hope to be at Rochester...

Gene

# 473. Re: [T-368_BC-610] Registry 5/22/00 updated

Yahoo group: T-368_BC-610
Date: 2000-05-24 03:36:11 UTC
From: Joe Foley
Topic: 473  Message: 473

--- W2ZR@... wrote:
> KG2CI redmenaced@...
> Bendix T-368 E #160
> contract 3219-PP-59
++++++++
Registry update,

And to get information on the Loading cap that Phil needs. Also, the filament transformer he needs for his RF deck.

My T-3 has the above information on the tag on the RF deck but the following is deeply stamped on the left rear corner of the same deck.

Contract # DAAB05-67-C-0022

ECCO Electronic Components Corp.

So, I think my front panel has been changed at some depot level maintenance event. The RF deck just doesn't look old enough to be from 1959. But then other parts could have been changed, too.

The tuning cap has this on it:

VACAP Corp. Union City N.J.

WC-300-42-10

SM-B-184928

No values or anything else.

The loading cap:

Matchlett

20 - 1500 pf - 10 kv - 75 A

ML-VCV-12B

SM-B-1842929

I'm wondering if the "SM" numbers are part numbers just for the T-3's, that having something to do with them being in sequence.

The filament transformer is a Transonic TS-44161 with
a single primary for 100 or 115 VAC at 50 or 60 cps.
The secondary has three windings of 5.0, 6.3, and 26.5
Volts at 14.5, 2.5, and 0.5 amps respectively.

The other transformer is a Sola # 22508 with a dual
primary for 95-125 V or 190-250 V. The secondary is
6.3 V at 6.0 VA. Terminals 8, 9, and 10 are connected
to a cap and are to make up for the differences
between 50 and 60 cps. Evidently some power factor
correction, too.

So, if you find yourself at the hamfest hiding under a
table, either from the rain or the XYL, check to see
what you're laying on, that sharp lump may be
something we can use!!

Happy hunting,

Joe

_____
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# 474. First start-up for a T-3?

Yahoo group: T-368_BC-610
Date: 2000-05-24 03:47:03 UTC
From: Joe Foley
Topic: 474  Message: 474

Hey Steve,

Before you put your T-3 together you might want to
take the interlocks APART and check them carefully.
All but one of mine needed work, they were all plugged
with lumps of solder. The back of the power supply
deck was bent inward so it could never have worked
right, probably couldn't even make contact.

ALL of the others showed heat damage from broken
strands of wire, some only had three strands left.
The one on the RF deck was burned and it didn't show
outside of the plastic case!! I had to drill out
three of them to get the wire to fit in properly. Not
only that, but the setscrews on the wires loosen up,
too. Especially after several heat/cool cycles.

Don't forget the electrician's anti-oxidation goop,
too.

What else should we add to a proper start-up procedure
for a questionable or newly acquired T-3?

Joe

_____
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http://im.yahoo.com/

# 475. Re: [T-368_BC-610] First start-up for a T-3?

Yahoo group: T-368_BC-610
Date: 2000-05-24 03:48:42 UTC
From: Mike B. Feher
Topic: 475  Message: 475

When I first got my T-3 I really wanted to keep it as original as possible. Then reality hit. I continued having problems during QSOs. The problem was always with the interlocks. No amount of cleaning or adjustment kept them working. I may buy myself a month or two but then the problem resurfaced. Bottom line, I bypassed all the interlocks and have not had related problems in years. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell NJ, 07731
(732) 901-9193

----- Original Message -----
From: "Joe Foley" <redmenaced@...>
To: <T-368_BC-610@egroups.com>
Sent: Tuesday, May 23, 2000 11:47 PM
Subject: [T-368_BC-610] First start-up for a T-3?

> Hey Steve,
>
> Before you put your T-3 together you might want to
> take the interlocks APART and check them carefully.
> All but one of mine needed work, they were all plugged
> with lumps of solder. The back of the power supply
> deck was bent inward so it could never have worked
> right, probably couldn't even make contact.
>
> ALL of the others showed heat damage from broken
> strands of wire, some only had three strands left.
> The one on the RF deck was burned and it didn't show
> outside of the plastic case!! I had to drill out
> three of them to get the wire to fit in properly. Not
> only that, but the setscrews on the wires loosen up,
> too. Especially after several heat/cool cycles.
>
> Don't forget the electrician's anti-oxidation goop,
> too.
>
> What else should we add to a proper start-up procedure
> for a questionable or newly acquired T-3?
>
> Joe
>
> _____
> Do You Yahoo!?

> Send instant messages & get email alerts with Yahoo! Messenger.
> http://im.yahoo.com/
>
> ------------------------------------------------------------------------
> Phone bills too big? Don't worry, beMANY!
> http://click.egroups.com/1/4113/4/_/592920/_/959140024/
> ------------------------------------------------------------------------
>
>
>

# 476. T-368/URT New Prices

Yahoo group: T-368_BC-610
Date: 2000-05-24 12:36:12 UTC
From: Hagan, Reid J
Topic: 476  Message: 476

The T-368/URT has an National Stock Number (NSN) of 5820-00-503-2640 and, through my research of government databases (most now obsolete), I have found that the original price of a T-368/URT was $3660.00, or about the price of a fully loaded (and then some!) Cadillac in the early fiftys! Data retrieval is difficult at best, but I am trying various avenues and will keep the "list" appraised of any findings.
A few interesting T-368 facts found in databases:

AC Voltage Rating - 115.0 vac nominal
Freq. Control Type - Master Oscillator
Frequency Rating - 50.0 Hertz Minimum and 60.0 Hertz Maximum
FSC Application Data - Radio Transmitter, Radio, E6Dept Navigation, Except Airborne
Internal Battery - Not Included
Joint Electronics Type Item Name - Transmitter, Radio
Joint Electronics Type Designator - Type No. T-368/URT
Output Freq. Rating - 1.500 Megahertz minimum and 20.000 Megahertz maximum
Phase - Single
Power Output - 450.000 watts nominal (all three emissions)
Special Features - 19.25 in. X 30.50 in. X 41.00 in. O/A Dim.
XMTR Band Qty - 5
XMTR Emission Type - AO and A1 and A3

# 477. FW: [T-368_BC-610] T-368/URT New Prices

Yahoo group: T-368_BC-610
Date: 2000-05-24 16:51:03 UTC
From: Hagan, Reid J
Topic: 477  Message: 477

Joe,
What I have been actively pursuing are records that will lead me to the actual Provisioning Parts Lists (PPLs) and Allowance Parts Lists (APLs) that would list all parts contained within a T-3 as originally procured. These lists usually are configured in a "top down breakdown" that shows all indenture levels within the unit. This list would then breakdown the unit into subassemblies and then minor assemblies or actual piece parts -as this unit would have been required to have all parts shown . Additional data, if procured, may list all parts with Source, Maintenance and Recoverability Codes (SM&R Codes) which define whether parts are throw-aways, reparable items, salvageable for parts, etc. I will share any and all data uncovered with the T-368 list. The more we all know about these fine old rigs the better!

Reid
W2HU

> ----------
> From: Joe Foley[SMTP:redmenaced@...]
> Sent: Wednesday, May 24, 2000 11:29 AM
> To: Hagan, Reid J
> Subject: Re: [T-368_BC-610] T-368/URT New Prices
>
> Hi Reid,
>
> Is there any chance you would have the NSN's for the
> other major components of the T-3 so we could keep
> track of when they show up at the DRMS auctions? The
> military is probably just now dumping their stock of
> spare parts for these transmitters.
>
> We might have to do some digging to find out if these
> are on their "crush-to-dispose" list and get them to
> send them to the auctions instead.
>
> Thanks,
>
> Joe
>
>
>

# 478. T-368 Registry 5/24/00

Yahoo group: T-368_BC-610
Date: 2000-05-24 19:12:49 UTC
From: W2ZR@aol.com
Topic: 478  Message: 478

KG2CI redmenaced@...
Bendix T-368 E #160
contract 3219-PP-59

W2ZR w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmassens Army Depot

WF2U mbendror@...
B&W T-368E #628
contract 15117-PP-62

W8KXR jtone@...
B&W T-368C #216
contract 43056-P-55

Bendix T-368C #209
contract 3219-PP-59

W4WSZ bobm@...
Stromberg-Carlson T-368D #161

KF2JQ jprusso@...
(awaiting further info)

WB3FAU wb3fau@...
Oneida T-368F #192
contract 15498-PP-63

KA3OTT kazott@...
B&W T-368C #018
contract 43056-P-56

KW1I Dale.Gagnon@...
AMF T-368A #62
contract 25209-PHILA-54

W3NP daveh@...
B&W T-368E #575
contract 15117-PP-62

KD1YT tlewis@...
B&W T-368E #27
contract 15117-PP-62
overhauled at Pirmassens Army Depot

KX4R kx4rgc@...
Crosley T-368C #560
contract 21316-PH-56

WB6DXR lesterw@...
B&W T-368 #18
contract 25633-Phila-53

W2HU reid.j.hagan@...
T-368 #138
(awaiting further info)

W7QHO w7qho@...
B&W T-368 #123
(awaiting further info)

K2AUS w.d.gallagher@...
TRW T-368F #303
contract 14527(E)

N4FS n4fs@...
TRW T-368F #261
contract 14527(E)

WA1QHQ mark.donaldson@...
B&W T-368 #32
contract 25070-Phila-54

AE4IN ae4in@...
Daystrom T-368C #46
contract 28597-Phil-55

# 479. Good reasons to do audio mods.

Yahoo group: T-368_BC-610
Date: 2000-05-25 00:16:10 UTC
From: Joe Foley
Topic: 479  Message: 479

---
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# 480. Good reasons to do audio mods.

Yahoo group: T-368_BC-610
Date: 2000-05-25 00:19:59 UTC
From: Joe Foley
Topic: 479  Message: 480

1). "You must be using a side band rig...."

2). "That sounds like a rice box."

Now mind you if it were a SSB rice box that might not be a bad report but now that I've heard Kenwoods and SSB rigs I have to take exception to those comments and do something about it.

Can't have something like a T-368 talked about like that! Just ain't right.

Joe

---
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# 481. T-368 purchase

Yahoo group: T-368_BC-610
Date: 2000-05-25 00:47:40 UTC
From: William Gallagher
Topic: 481  Message: 481

Hi Group, I took delivery of a T-368F, TRW ser# 303, contract 14527 (E) yesterday. I don't have a stiff enough service yet to get it on the air but I'm working on it. It is in beautiful shape after a trip from Kalamazoo, MI to Ironia, NJ. I hope to work some of the group members when it's up and running. 73, Don Gallagher, K2AUS

# 482. further info on T-368F

Yahoo group: T-368_BC-610
Date: 2000-05-25 01:55:27 UTC
From: William Gallagher
Topic: 482  Message: 482

Hi Joe, I kept the third e-mail brief because I wasn't sure it would make it, but it did. I used Watkins Motor Lines to ship it and they did a good, careful job. They did have some hydraulic problems in Kalamazoo which took about a week to fix. How do you know if the modules are all "F"? I haven't inspected it that closely yet. Jeff, W8XQ told me the T-368F was unmodified except for a mike jack for a D-104. I just sent an e-mail asking him about that. Right now, the transmitter is sitting on a 2X4 frame which I built (treated wood). I hope eventually to put casters on the cabinet. It does have a grounded plug. If Jeff is right, the interlocks are not jumped. As you can tell, I've got a lot to learn Joe. I'm retired now, so I have plenty of time to educate myself and hopefully benefit from the collective knowledge of the group. Thanks and 73, Don, K2AUS

# 483. Re: [T-368_BC-610] further info on T-368F

Yahoo group: T-368_BC-610
Date: 2000-05-25 02:35:05 UTC
From: Joe Foley
Topic: 483  Message: 483

--- William Gallagher <w.d.gallagher@...>
wrote:
> Hi Joe, I kept the third e-mail brief because I
> wasn't sure it would make
> it, but it did. I used Watkins Motor Lines to ship
> it and they did a good,
> careful job.
+++++++
That's good to know. Shipping has been the biggest
headache to getting one of these home. It sometimes
determines whether the transaction happens or not
because of the price added for shipping.

How do you know if the modules
> are all "F"? I haven't
> inspected it that closely yet.
++++++++++
Well,... since there isn't any "F" manual to compare
it to,.... we're kind of wondering, too. I think the
only big difference between the "E" and the "F" is the
vacuum T/R switch.

Jeff, W8XQ told me
> the T-368F was unmodified
> except for a mike jack for a D-104. I just sent an
> e-mail asking him about
> that.
++++++++++++
Hmm,.... wonder how he did that.

Right now, the transmitter is sitting on a 2X4
> frame which I built
> (treated wood). I hope eventually to put casters on
> the cabinet.
+++++++++
At 700 Lbs. you'll want some heavy ones. Some don't
think the cabinet is strong enough but I guess it
depends on how far you're going to push it. I made a
sub base out of 3" iron channel which handles any
uneveness in the concrete floor.

It does
> have a grounded plug. If Jeff is right, the
> interlocks are not jumped. As
> you can tell, I've got a lot to learn Joe. I'm
> retired now, so I have plenty

> of time to educate myself and hopefully benefit from
> the collective
> knowledge of the group.
++++++++
I'm really just starting myself so I'm right in that
boat with you. There are a lot of helpful people on
this list though.

73

Joe

_____
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# 484. Re: [armyradios] FS: MILITARY GREEN RADIO CLOSE OUTS

Yahoo group: T-368_BC-610
Date: 2000-05-25 04:00:02 UTC
From: Joe Foley
Topic: 484  Message: 484

--- Paul Keys <pkeys@...> wrote:
>
>
> Joe Foley wrote:
>
> > Hey, Paul,
> >
> > If you find any T-368 or BC-610 parts I would like
> to
> > post them on my mailing list which deals with
> those
> > two units.
> >
> > Any peripheral equipment like the ME-165
> wattmeter,
> > URM-25 signal generator, BC-614 speech amp, TN-339
> > antenna tuner, BC-939 antenna tuner, M-29B/U
> > microphone, J-37 key, or any accessories would be
> > welcome, too.
> >
> > We also have a related interest in military tube
> > testers and parts.
> >
> > Let me know if you need any of the NSN's I may be
> able
> > to get them.
> >
> > Thank you for any consideration,
> >
> > Joe KG2CI
>
> Hi Joe,
> I wish I could help you. I know all about these as I
> cut my teeth on
> them about 30 years ago.
> I know for certain that I don't have any thing on
> these except for a few
> new mint J-37 keys in original packing that i am
> asking $50 each
> including postage.
>
> I have a lot of MS- Antenna sections. MS-49 Etc.
>
> I have all the manuals on these and a lot of other
> sets. check out my

> web site.
>
> I recall the time we restored two AN/GRC-41's
> including the shelter for
> the Taiwan army.. What a project that was.
>
> Good luck keep in touch.
>
> --
> Best regards,
>
> Paul Keys, President W6QDK
>
> Columbia Electronics International Inc.
> P.O. Box 960, 3720 Groves Place
> Somis, CA 93066-0960, USA
>
> Ph.: 805-386-2312
> Fax: 805-386-2314
>
> Visit our revised web site for our latest
> availability listings!
>
> http://www.columbiaelectronics.com
>
>
>
>

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# 485. RE: [T-368_BC-610] further info on T-368F

Yahoo group: T-368_BC-610
Date: 2000-05-25 14:18:36 UTC
From: Joe Foley
Topic: 483  Message: 485

--- Trevor Lewis <tlewis@...> wrote:
> Hi Joe. You say only the F had the vacuum T/R
> relay?
> My unit has an "E" RF deck, but a vac t/r/ relay
>
> I recall someone saying that the F had ceramic
> vacuum
> variables instead of glass, dunno if that's correct.
++++++++
Well, that's interesting. My "E" has a ceramic
loading cap and a glass tuning cap, old style T/R
relay. Its a Mongrel Depot Dog.

Joe

_____
Do You Yahoo!?
Kick off your party with Yahoo! Invites.
http://invites.yahoo.com/

# 486. Re: [T-368_BC-610] further info on T-368F

Yahoo group: T-368_BC-610
Date: 2000-05-25 14:40:20 UTC
From: Mike B. Feher
Topic: 483  Message: 486

My F model has both of the vacuum variables in the glass style. It also has
a vacuum T/R relay. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell NJ, 07731
(732) 901-9193

----- Original Message -----
From: "Joe Foley" <redmenaced@...>
To: <T-368_BC-610@egroups.com>
Sent: Thursday, May 25, 2000 10:18 AM
Subject: RE: [T-368_BC-610] further info on T-368F

>
> --- Trevor Lewis <tlewis@...> wrote:
> > Hi Joe. You say only the F had the vacuum T/R
> > relay?
> > My unit has an "E" RF deck, but a vac t/r/ relay
> >
> > I recall someone saying that the F had ceramic
> > vacuum
> > variables instead of glass, dunno if that's correct.
> ++++++++
> Well, that's interesting. My "E" has a ceramic
> loading cap and a glass tuning cap, old style T/R
> relay. Its a Mongrel Depot Dog.
>
> Joe
>
> _____
> Do You Yahoo!?
> Kick off your party with Yahoo! Invites.
> http://invites.yahoo.com/
>
> ---------------------------------------------------------------------
> Best friends, most artistic, class clown Find 'em here:
> http://click.egroups.com/1/4054/4/_/592920/_/959264354/
> ---------------------------------------------------------------------
>
>
>

# 487. Tube hints from Dayton

Yahoo group: T-368_BC-610
Date: 2000-05-25 16:19:44 UTC
From: Joe Foley
Topic: 487  Message: 487

I found this on the AM Window BBS, its from this persons visit to the Svetlana booth at the Dayton Hamvention.

Posted by k4kyv on May 24, 19100 at 23:16:39:

During a rare excursion (for me) to the indoor display area at Dayton, I talked to the Svetlana people at their booth. They told me that Svetlana is still very much in the business of making glass tubes. He said that the 811A's and 812A's were never actually made by the Svetlana factory, but were manufactured at another factory in Russia, and Svetlana bought them to sell under their brand name. Also, some of the "Svetlana" 811A's were Russian military surplus, and since opening up trade with the rest of the world, that source has run dry. He said the 811A's and 812A's were discontinued because the quality of the third party vendor's product had dropped below Svetlana standards. He suggested purchasing 572B's instead. They had on display a beautiful pair of 300B's for the audiophool market. They look just like the original Western Electric ones. The 300B is basically a 2A3 on steroids with a 5 volt filament.

An interesting tube is the SV572 series audio tubes. They are similar to the 572B, but the plate lead goes to the socket at the bottom instead of through a plate cap. Consequently, the plate voltage rating is reduced. They make several versions with different amplification factors. There is one with a mu of 3. Its plate resistance is 1600 ohms. The maximum plate voltage is 1000. This would make a nice class-B driver tube to use in a circuit similar to the one that uses 845's. I believe these tubes run about $70 each. They also make an "811" series with maximum plate voltage of 800.

Interestingly, Svetlana engineers strongly recommend against operating a tube that has fingerprints left on it. They recommend wearing gloves when handling tubes, and wiping off any prints with a cloth dampened with alcohol before firing up the tube. Supposedly, certain oils react with the glass and generate hot spots on the envelope that could cause the glass to crack. This is the same precaution recommended for high intensity

light bulbs.

---
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# 488. T-368 Registry 5/25/00

Yahoo group: T-368_BC-610
Date: 2000-05-26 00:31:11 UTC
From: W2ZR@aol.com
Topic: 488  Message: 488

KG2CI redmenaced@...
Bendix T-368 E #160
contract 3219-PP-59

W2ZR w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmassens Army Depot

WF2U mbendror@...
B&W T-368E #628
contract 15117-PP-62

W8KXR jtone@...
B&W T-368C #216
contract 43056-P-55

Bendix T-368C #209
contract 3219-PP-59

W4WSZ bobm@...
Stromberg-Carlson T-368D #161

KF2JQ jprusso@...
(awaiting further info)

WB3FAU wb3fau@...
Oneida T-368F #192
contract 15498-PP-63

KA3OTT kazott@...
B&W T-368C #018
contract 43056-P-56

KW1I Dale.Gagnon@...
AMF T-368A #62
contract 25209-PHILA-54

W3NP daveh@...
B&W T-368E #575
contract 15117-PP-62

KD1YT tlewis@...
B&W T-368E #27
contract 15117-PP-62
overhauled at Pirmassens Army Depot

KX4R kx4rgc@...
Crosley T-368C #560
contract 21316-PH-56

WB6DXR lesterw@...
B&W T-368 #18
contract 25633-Phila-53

W2HU reid.j.hagan@...
T-368 #138
(awaiting further info)

W7QHO w7qho@...
B&W T-368 #123
(awaiting further info)

K2AUS w.d.gallagher@...
TRW T-368F #303
contract 14527(E)

N4FS n4fs@...
TRW T-368F #261
contract 14527(E)

WA1QHQ mark.donaldson@...
B&W T-368 #32
contract 25070-Phila-54

AE4IN ae4in@...
Daystrom T-368C #46
contract 28597-Phil-55

W5BVB plmills@...
Oneida T-368F #19
contract 15498-PP-63

# 489. T-368 vac cap?

Yahoo group: T-368_BC-610
Date: 2000-05-28 16:07:50 UTC
From: Joe Foley
Topic: 489  Message: 489

Hi,

Does this item look like a workable replacement for
the loading cap for a T-368?

http://fairradio.com/0ucsxf.htm

Joe

_____
Do You Yahoo!?
Kick off your party with Yahoo! Invites.
http://invites.yahoo.com/

# 490. Re: [T-368_BC-610] T-368 vac cap?

Yahoo group: T-368_BC-610
Date: 2000-05-28 20:45:26 UTC
From: Gene G. Beckwith
Topic: 490  Message: 490

Joe Foley wrote:
> 
> Hi,
> 
> Does this item look like a workable replacement for
> the loading cap for a T-368?
> 
> http://fairradio.com/0ucsxf.htm
> 
> Joe
> 
> _____
> Do You Yahoo!?
> Kick off your party with Yahoo! Invites.
> http://invites.yahoo.com/
> 
> ---
> Get 2 FREE books at eHarlequin.com.Indulge in our romantic books,
> recipes and getaway ideas. Take your romantic escape today to
> http://click.egroups.com/1/4638/4/_/592920/_/959530086/
> ---

Joe,

looks like the right style, might even be a pull...didn't find any
dimensions, but I didn't look real hard either...

Gene

# 491. Re: [T-368_BC-610] T-368 Registry 5/24/00

Yahoo group: T-368_BC-610
Date: 2000-05-28 22:29:56 UTC
From: Gene G. Beckwith
Topic: 491  Message: 491

W2ZR@... wrote:
>
> KG2CI redmenaced@...
> Bendix T-368 E #160
> contract 3219-PP-59
>
> W2ZR w2zr@...
> Crosley T-368C #391
> contract 28459-PH-55
> overhauled at Pirmassens Army Depot
>
> WF2U mbendror@...
> B&W T-368E #628
> contract 15117-PP-62
>
>
> W8KXR jtone@...
> B&W T-368C #216
> contract 43056-P-55
>
> Bendix T-368C #209
> contract 3219-PP-59
>
>
> W4WSZ bobm@...
> Stromberg-Carlson T-368D #161
>
> KF2JQ jprusso@...
> (awaiting further info)
>
> WB3FAU wb3fau@...
> Oneida T-368F #192
> contract 15498-PP-63
>
>
> KA3OTT kazott@...
> B&W T-368C #018
> contract 43056-P-56
>
>
> KW1I Dale.Gagnon@...
> AMF T-368A #62
> contract 25209-PHILA-54
>
>

> W3NP daveh@...
> B&W T-368E #575
> contract 15117-PP-62
>
> KD1YT tlewis@...
> B&W T-368E #27
> contract 15117-PP-62
> overhauled at Pirmassens Army Depot
>
> KX4R kx4rgc@...
> Crosley T-368C #560
> contract 21316-PH-56
>
> WB6DXR lesterw@...
> B&W T-368 #18
> contract 25633-Phila-53
>
> W2HU reid.j.hagan@...
> T-368 #138
> (awaiting further info)
>
> W7QHO w7qho@...
> B&W T-368 #123
> (awaiting further info)
>
> K2AUS w.d.gallagher@...
> TRW T-368F #303
> contract 14527(E)
>
> N4FS n4fs@...
> TRW T-368F #261
> contract 14527(E)
>
> WA1QHQ mark.donaldson@...
> B&W T-368 #32
> contract 25070-Phila-54
>
> AE4IN ae4in@...
> Daystrom T-368C #46
> contract 28597-Phil-55
>
> ------------------------------------------------------------------------
> Failed tests, classes skipped, forgotten locker combinations.
> Remember the good 'ol days
> http://click.egroups.com/1/4053/4/_/592920/_/959195580/
> ------------------------------------------------------------------------

Thanks for the listing...Guess I'm surprised there aren't more on the
list? If this is an indication, there ain't many of these critters
around...or maybe most arn't aware of the list...

Any way, keep up the list...hope it grows...and if u hear of any spare T-3's for sale, let me know...I'll go get it...I can truck it myself..(grin).

Gene

# 492. Re: [T-368_BC-610] T-368 Registry 5/24/00

Yahoo group: T-368_BC-610
Date: 2000-05-28 21:22:51 UTC
From: Joe Foley
Topic: 491  Message: 492

```
--- "Gene G. Beckwith" <jtone@...> wrote:
> W2ZR@... wrote:
> >
> > KG2CI redmenaced@...
> > Bendix T-368 E #160
> > contract 3219-PP-59
> >
> > W2ZR w2zr@...
> > Crosley T-368C #391
> > contract 28459-PH-55
> > overhauled at Pirmassens Army Depot
> >
> > WF2U mbendror@...
> > B&W T-368E #628
> > contract 15117-PP-62
> >
> >
> > W8KXR jtone@...
> > B&W T-368C #216
> > contract 43056-P-55
> >
> > Bendix T-368C #209
> > contract 3219-PP-59
+++++++++
Hey, Gene,

Are you sure about this? I just checked mine again,
its an "E" model from the same manufacturer, same
contract number and its S/N #160.

I wonder how that happened? What's going on here?

Joe


_________________________________________________
Do You Yahoo!?
Kick off your party with Yahoo! Invites.
http://invites.yahoo.com/
```

# 493. Re: [T-368_BC-610] T-368 Registry 5/24/00

Yahoo group: T-368_BC-610
Date: 2000-05-29 02:12:04 UTC
From: Gene G. Beckwith
Topic: 491  Message: 493

Joe Foley wrote:
>
> --- "Gene G. Beckwith" <jtone@...> wrote:
> > W2ZR@... wrote:
> > >
> > > KG2CI redmenaced@...
> > > Bendix T-368 E #160
> > > contract 3219-PP-59
> > >
> > > W2ZR w2zr@...
> > > Crosley T-368C #391
> > > contract 28459-PH-55
> > > overhauled at Pirmassens Army Depot
> > >
> > > WF2U mbendror@...
> > > B&W T-368E #628
> > > contract 15117-PP-62
> > >
> > >
> > > W8KXR jtone@...
> > > B&W T-368C #216
> > > contract 43056-P-55
> > >
> > > Bendix T-368C #209
> > > contract 3219-PP-59
> > +++++++++
> Hey, Gene,
>
> Are you sure about this? I just checked mine again,
> its an "E" model from the same manufacturer, same
> contract number and its S/N #160.
>
> I wonder how that happened? What's going on here?
>
> Joe
>
> _____
> Do You Yahoo!?
> Kick off your party with Yahoo! Invites.
> http://invites.yahoo.com/

Joe,

Wow! Let me go down and check...will report...am sure I reported it
correctly unless a typo got us some place...??? Yikes!

Gene

# 494. Re: [T-368_BC-610] T-368 Registry 5/24/00

Yahoo group: T-368_BC-610
Date: 2000-05-29 15:30:08 UTC
From: Joe Foley
Topic: 491  Message: 494

> > +++++++++
> > Hey, Gene,
> >
> > Are you sure about this? I just checked mine
> again,
> > its an "E" model from the same manufacturer, same
> > contract number and its S/N #160.
> >
> > I wonder how that happened? What's going on here?
> >
> > Joe
>
>
> Joe,
>
> Not sure where the confusion is...checked my serials
> and yep, there on
> the rf decks as B&W 216 and on my Bendix Aviation as
> 209...
++++++++
Ok, but is your Bendix a "C" model? That's what I
can't understand, acccording to the S/N your's was
built after mine on the same contract but mine's an
"E" model.

Joe

---
Do You Yahoo!?
Kick off your party with Yahoo! Invites.
http://invites.yahoo.com/

# 495. Is this a BC-610 coil?

Yahoo group: T-368_BC-610
Date: 2000-05-29 21:43:21 UTC
From: Joe Foley
Topic: 495  Message: 495

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=342895096

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=342897730

_____
Do You Yahoo!?
Kick off your party with Yahoo! Invites.
http://invites.yahoo.com/

# 496. Re: [T-368_BC-610] Is this a BC-610 coil?

Yahoo group: T-368_BC-610
Date: 2000-05-29 23:06:49 UTC
From: Jack Taylor
Topic: 496  Message: 496

Looks close but missing the link. The 610's have either a fixed or an adjustable link.

73 de Jack

-----Original Message-----
From: Joe Foley <redmenaced@...>
To: T-368_BC-610@egroups.com <T-368_BC-610@egroups.com>
Date: Monday, May 29, 2000 3:43 PM
Subject: [T-368_BC-610] Is this a BC-610 coil?

>http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=342895096
>
>
>http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=342897730
>
>_____
>Do You Yahoo!?
>Kick off your party with Yahoo! Invites.
>http://invites.yahoo.com/
>
>---
>Failed tests, classes skipped, forgotten locker combinations.
>Remember the good 'ol days
>http://click.egroups.com/1/4053/4/_/592920/_/959636613/
>---
>
>
>

# 497. Registry 5/29/00

Yahoo group: T-368_BC-610
Date: 2000-05-30 00:34:47 UTC
From: W2ZR@aol.com
Topic: 497  Message: 497

KG2CI redmenaced@...
Bendix T-368 E #160
contract 3219-PP-59

W2ZR w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmassens Army Depot

WF2U mbendror@...
B&W T-368E #628
contract 15117-PP-62

W8KXR jtone@...
B&W T-368C #216
contract 43056-P-55

Bendix T-368C #209
contract 3219-PP-59

W4WSZ bobm@...
Stromberg-Carlson T-368D #161

KF2JQ jprusso@...
(awaiting further info)

WB3FAU wb3fau@...
Oneida T-368F #192
contract 15498-PP-63

KA3OTT kazott@...
B&W T-368C #018
contract 43056-P-56

KW1I Dale.Gagnon@...
AMF T-368A #62
contract 25209-PHILA-54

W3NP daveh@...
B&W T-368E #575
contract 15117-PP-62

KD1YT tlewis@...
B&W T-368E #27
contract 15117-PP-62
overhauled at Pirmassens Army Depot

KX4R kx4rgc@...
Crosley T-368C #560
contract 21316-PH-56

WB6DXR lesterw@...
B&W T-368 #18
contract 25633-Phila-53

W2HU reid.j.hagan@...
T-368 #138
(awaiting further info)

W7QHO w7qho@...
B&W T-368 #123
(awaiting further info)

K2AUS w.d.gallagher@...
TRW T-368F #303
contract 14527(E)

N4FS n4fs@...
TRW T-368F #261
contract 14527(E)

WA1QHQ mark.donaldson@...
B&W T-368 #32
contract 25070-Phila-54

AE4IN ae4in@...
Daystrom T-368C #46
contract 28597-Phil-55

W5BVB plmills@...
Oneida T-368F #19
contract 15498-PP-63

N4KIA pradams@...
Crosley T-368C #275
contrac 28459-PH-55

# 498. Re: [T-368_BC-610] Registry 5/29/00

Yahoo group: T-368_BC-610
Date: 2000-05-30 00:47:46 UTC
From: dan harlan
Topic: 498  Message: 498

Yeah, Yeah, yeah,

Is there a 610 registry?? All them pentodes, pity!
What's that extra element 4 anyway??

Dan N8ETQ Cleveland, Oh. dharlan@...
http://www.ameritech.net/users/dharlan/dans.htm

W2ZR@... wrote:
>
> KG2CI redmenaced@...
> Bendix T-368 E #160
> contract 3219-PP-59
>
> W2ZR w2zr@...
> Crosley T-368C #391
> contract 28459-PH-55
> overhauled at Pirmassens Army Depot
>
> WF2U mbendror@...
> B&W T-368E #628
> contract 15117-PP-62
>
>
> W8KXR jtone@...
> B&W T-368C #216
> contract 43056-P-55
>
> Bendix T-368C #209
> contract 3219-PP-59
>
>
> W4WSZ bobm@...
> Stromberg-Carlson T-368D #161
>
> KF2JQ jprusso@...
> (awaiting further info)
>
> WB3FAU wb3fau@...
> Oneida T-368F #192
> contract 15498-PP-63
>
>
> KA3OTT kazott@...
> B&W T-368C #018
> contract 43056-P-56

>
>
> KW1I Dale.Gagnon@...
> AMF T-368A #62
> contract 25209-PHILA-54
>
>
> W3NP daveh@...
> B&W T-368E #575
> contract 15117-PP-62
>
> KD1YT tlewis@...
> B&W T-368E #27
> contract 15117-PP-62
> overhauled at Pirmassens Army Depot
>
> KX4R kx4rgc@...
> Crosley T-368C #560
> contract 21316-PH-56
>
> WB6DXR lesterw@...
> B&W T-368 #18
> contract 25633-Phila-53
>
> W2HU reid.j.hagan@...
> T-368 #138
> (awaiting further info)
>
> W7QHO w7qho@...
> B&W T-368 #123
> (awaiting further info)
>
> K2AUS w.d.gallagher@...
> TRW T-368F #303
> contract 14527(E)
>
> N4FS n4fs@...
> TRW T-368F #261
> contract 14527(E)
>
> WA1QHQ mark.donaldson@...
> B&W T-368 #32
> contract 25070-Phila-54
>
> AE4IN ae4in@...
> Daystrom T-368C #46
> contract 28597-Phil-55
>
> W5BVB plmills@...
> Oneida T-368F #19

> contract 15498-PP-63
>
> N4KIA pradams@...
> Crosley T-368C #275
> contrac 28459-PH-55
>
> ---------------------------------------------------------------------
> Failed tests, classes skipped, forgotten locker combinations.
> Remember the good 'ol days
> http://click.egroups.com/1/4053/4/_/592920/_/959646924/
> ---------------------------------------------------------------------

# 499. T-368 counter needed

Yahoo group: T-368_BC-610
Date: 2000-05-30 01:56:24 UTC
From: Bill Coleman
Topic: 499  Message: 499

Need the Veeder counter for the load control. Left side input, 1/8" shaft.

I'm going to try to repair it, but not too hopeful as the 'ones' ring is split.

A heads up for all you T-3 owners where the maint tech likely also worked in the motor pool... The mechanics of mine are fairly swimming in oil. I suspect this is the cause (Root cause?) of the counter failure. The oil has migrated along the shaft into the counter. The 'tens' digit was pretty well goo'd to the inner wall of the counter. This probably caused the units ring damage.

The counter is quite easy to disassemble, a challenge for us bifocal types, but not too bad.

Any parts out there? (Already scanned SSN without any luck)

73, Bill N2BC
----- Original Message -----
From: <W2ZR@...>
To: <T-368_BC-610@egroups.com>
Sent: Monday, May 29, 2000 8:34 PM
Subject: [T-368_BC-610] Registry 5/29/00

> KG2CI redmenaced@...
> Bendix T-368 E #160
> contract 3219-PP-59
>
>
> W2ZR w2zr@...
> Crosley T-368C #391
> contract 28459-PH-55
> overhauled at Pirmassens Army Depot
>
>
> WF2U mbendror@...
> B&W T-368E #628
> contract 15117-PP-62
>
>
> W8KXR jtone@...
> B&W T-368C #216
> contract 43056-P-55
>
> Bendix T-368C #209
> contract 3219-PP-59

>
>
> W4WSZ bobm@...
> Stromberg-Carlson T-368D #161
>
>
> KF2JQ jprusso@...
> (awaiting further info)
>
>
> WB3FAU wb3fau@...
> Oneida T-368F #192
> contract 15498-PP-63
>
>
> KA3OTT kazott@...
> B&W T-368C #018
> contract 43056-P-56
>
>
> KW1I Dale.Gagnon@...
> AMF T-368A #62
> contract 25209-PHILA-54
>
>
> W3NP daveh@...
> B&W T-368E #575
> contract 15117-PP-62
>
>
> KD1YT tlewis@...
> B&W T-368E #27
> contract 15117-PP-62
> overhauled at Pirmassens Army Depot
>
>
> KX4R kx4rgc@...
> Crosley T-368C #560
> contract 21316-PH-56
>
>
> WB6DXR lesterw@...
> B&W T-368 #18
> contract 25633-Phila-53
>
>
> W2HU reid.j.hagan@...
> T-368 #138
> (awaiting further info)
>

>
> W7QHO w7qho@...
> B&W T-368 #123
> (awaiting further info)
>
>
> K2AUS w.d.gallagher@...
> TRW T-368F #303
> contract 14527(E)
>
>
> N4FS n4fs@...
> TRW T-368F #261
> contract 14527(E)
>
>
> WA1QHQ mark.donaldson@...
> B&W T-368 #32
> contract 25070-Phila-54
>
>
> AE4IN ae4in@...
> Daystrom T-368C #46
> contract 28597-Phil-55
>
>
> W5BVB plmills@...
> Oneida T-368F #19
> contract 15498-PP-63
>
>
> N4KIA pradams@...
> Crosley T-368C #275
> contrac 28459-PH-55
>
> ------------------------------------------------------------------------
> Failed tests, classes skipped, forgotten locker combinations.
> Remember the good 'ol days
> http://click.egroups.com/1/4053/4/_/592920/_/959646924/
> ------------------------------------------------------------------------
>
>
>

# 500. Re: [T-368_BC-610] Registry 5/29/00

Yahoo group: T-368_BC-610
Date: 2000-05-30 02:49:49 UTC
From: Joe Foley
Topic: 498  Message: 500

All right!! We've got a BC-610 registry!!

Dan Harlan's gonna volunteer to manage it. So post
your info to the list and lets see how many we get.
This ought to be interesting.

Joe

--- dan harlan <dharlan@...> wrote:
> Yo' Joe,
>
> Yup, I'll give it a try,
>
> BC-610-E #656 HX 28943-PHILA-45-07 YIKES
> BC-614-E #674 28943-PHILA-45-07
> BC-939-A #397 2232-PHILA-45-07
> JB-70-A MADE MY OWN WHATEVER-YA-WANT
> ee-8 Dont-matter
> Pix at
> http://www.ameritech.net/users/dharlan/dans.htm
>
> Please send 610 info to the list and CC: me at
> dharlan@...
> and I will compile a list. Get a digital pix to me
> and I can put it
> on the web. (radio pix only ... Pleeze!)
>
> Dan N8ETQ Cleveland, Oh.
>
> Joe Foley wrote:
> >
> > --- dan harlan <dharlan@...> wrote:
> > > Yeah, Yeah, yeah,
> > >
> > > Is there a 610 registry??
> > ++++++++
> > NO, there isn't!! No one's started one yet. How
> > 'bout it. You wanna do it?
> >
> > All them pentodes, pity!
> > > What's that extra element 4 anyway??
> > ++++++
> > Wutchu talkin' 'bout?
> >
> > Joe
> >

> I'm talkin' bout that extra layer of chicken wire
> in them things!
>
> What's up with that? BTW: I do have a sweet pair
> of RCA 6155's
> That's an RCA 4-125 ifin anyone needs em.
>
> Dan
>
> > >
> > > Dan N8ETQ Cleveland, Oh.
> dharlan@...
> > >
> http://www.ameritech.net/users/dharlan/dans.htm
> > >
> > > W2ZR@... wrote:
> > > >
> > > > KG2CI redmenaced@...
> > > > Bendix T-368 E #160
> > > > contract 3219-PP-59
> > > >
> > > > W2ZR w2zr@...
> > > > Crosley T-368C #391
> > > > contract 28459-PH-55
> > > > overhauled at Pirmassens Army Depot
> > > >
> > > > WF2U mbendror@...
> > > > B&W T-368E #628
> > > > contract 15117-PP-62
> > > >
> > > >
> > > > W8KXR jtone@...
> > > > B&W T-368C #216
> > > > contract 43056-P-55
> > > >
> > > > Bendix T-368C #209
> > > > contract 3219-PP-59
> > > >
> > > >
> > > > W4WSZ bobm@...
> > > > Stromberg-Carlson T-368D #161
> > > >
> > > > KF2JQ jprusso@...
> > > > (awaiting further info)
> > > >
> > > > WB3FAU wb3fau@...
> > > > Oneida T-368F #192
> > > > contract 15498-PP-63
> > > >
> > > >

> > > > KA3OTT kazott@...
> > > > B&W T-368C #018
> > > > contract 43056-P-56
> > > >
> > > >
> > > > KW1I Dale.Gagnon@...
> > > > AMF T-368A #62
> > > > contract 25209-PHILA-54
> > > >
> > > >
> > > > W3NP daveh@...
> > > > B&W T-368E #575
> > > > contract 15117-PP-62
> > > >
> > > > KD1YT tlewis@...
> > > > B&W T-368E #27
> > > > contract 15117-PP-62
> > > > overhauled at Pirmassens Army Depot
> > > >
> > > > KX4R kx4rgc@...
> > > > Crosley T-368C #560
> > > > contract 21316-PH-56
> > > >
> > > > WB6DXR lesterw@...
> > > > B&W T-368 #18
> > > > contract 25633-Phila-53
> > > >
> > > > W2HU reid.j.hagan@...
> > > > T-368 #138
> > > > (awaiting further info)
> > > >
> > > > W7QHO w7qho@...
> > > > B&W T-368 #123
> > > > (awaiting further info)
> > > >
> > > > K2AUS w.d.gallagher@...
> > > > TRW T-368F #303
> > > > contract 14527(E)
> > > >
> > > > N4FS n4fs@...
> > > > TRW T-368F #261
> > > > contract 14527(E)
> > > >
> > > > WA1QHQ mark.donaldson@...
> > > > B&W T-368 #32
> > > > contract 25070-Phila-54
> > > >
> > > > AE4IN ae4in@...
> > > > Daystrom T-368C #46
> > > > contract 28597-Phil-55

> > > >
> > > > W5BVB plmills@...
> > > > Oneida T-368F #19
> > > > contract 15498-PP-63
> > > >
> > > > N4KIA pradams@...
> > > > Crosley T-368C #275
> > > > contrac 28459-PH-55
> > > >
> > > >
> > >
> >
>
---
> > > > Failed tests, classes skipped, forgotten
> locker
> > > combinations.
> > > > Remember the good 'ol days
> > > >
> > >
> >
>
http://click.egroups.com/1/4053/4/_/592920/_/959646924/
> > > >
> > >
> >
>
---
> > >
> >
> > _____
> > Do You Yahoo!?
> > Kick off your party with Yahoo! Invites.
> > http://invites.yahoo.com/

_____
Do You Yahoo!?
Kick off your party with Yahoo! Invites.
http://invites.yahoo.com/

# 501. Re: [T-368_BC-610] Registry 5/29/00

Yahoo group: T-368_BC-610
Date: 2000-05-30 14:15:28 UTC
From: James M. Walker
Topic: 498  Message: 501

WB2FCN "Jim" chejmw@...
#1) BC-610-E No serial number Mine since 1967
With BC-614-E, BC-939-A, O39 (FSK)

#2) BC-610-I No serial number Mine since DEC. -1999
With BC-614-I, BC-939-A
-----Original Message-----
From: Joe Foley <redmenaced@...>
To: T-368_BC-610@egroups.com <T-368_BC-610@egroups.com>
Date: Monday, May 29, 2000 10:51 PM
Subject: Re: [T-368_BC-610] Registry 5/29/00

>All right!! We've got a BC-610 registry!!
>
>Dan Harlan's gonna volunteer to manage it. So post
>your info to the list and lets see how many we get.
>This ought to be interesting.
>
>Joe
>
>
>
>
>
>--- dan harlan <dharlan@...> wrote:
>> Yo' Joe,
>>
>> Yup, I'll give it a try,
>>
>> BC-610-E #656 HX 28943-PHILA-45-07 YIKES
>> BC-614-E #674 28943-PHILA-45-07
>> BC-939-A #397 2232-PHILA-45-07
>> JB-70-A MADE MY OWN WHATEVER-YA-WANT
>> ee-8 Dont-matter
>> Pix at
>> http://www.ameritech.net/users/dharlan/dans.htm
>>
>> Please send 610 info to the list and CC: me at
>> dharlan@...
>> and I will compile a list. Get a digital pix to me
>> and I can put it
>> on the web. (radio pix only ... Pleeze!)
>>
>> Dan N8ETQ Cleveland, Oh.
>>

>> Joe Foley wrote:
>> >
>> > --- dan harlan <dharlan@...> wrote:
>> > > Yeah, Yeah, yeah,
>> > >
>> > > Is there a 610 registry??
>> > ++++++++
>> > NO, there isn't!! No one's started one yet. How
>> > 'bout it. You wanna do it?
>> >
>> > All them pentodes, pity!
>> > > What's that extra element 4 anyway??
>> > ++++++
>> > Wutchu talkin' 'bout?
>> >
>> > Joe
>> >
>> I'm talkin' bout that extra layer of chicken wire
>> in them things!
>>
>> What's up with that? BTW: I do have a sweet pair
>> of RCA 6155's
>> That's an RCA 4-125 ifin anyone needs em.
>>
>> Dan
>>
>> > >
>> > > Dan N8ETQ Cleveland, Oh.
>> dharlan@...
>> > >
>> http://www.ameritech.net/users/dharlan/dans.htm
>> > >
>> > > W2ZR@... wrote:
>> > > >
>> > > > KG2CI redmenaced@...
>> > > > Bendix T-368 E #160
>> > > > contract 3219-PP-59
>> > > >
>> > > > W2ZR w2zr@...
>> > > > Crosley T-368C #391
>> > > > contract 28459-PH-55
>> > > > overhauled at Pirmassens Army Depot
>> > > >
>> > > > WF2U mbendror@...
>> > > > B&W T-368E #628
>> > > > contract 15117-PP-62
>> > > >
>> > > >
>> > > > W8KXR jtone@...
>> > > > B&W T-368C #216

>> > > > contract 43056-P-55
>> > > >
>> > > > Bendix T-368C #209
>> > > > contract 3219-PP-59
>> > > >
>> > > >
>> > > > W4WSZ bobm@...
>> > > > Stromberg-Carlson T-368D #161
>> > > >
>> > > > KF2JQ jprusso@...
>> > > > (awaiting further info)
>> > > >
>> > > > WB3FAU wb3fau@...
>> > > > Oneida T-368F #192
>> > > > contract 15498-PP-63
>> > > >
>> > > >
>> > > > KA3OTT kazott@...
>> > > > B&W T-368C #018
>> > > > contract 43056-P-56
>> > > >
>> > > >
>> > > > KW1I Dale.Gagnon@...
>> > > > AMF T-368A #62
>> > > > contract 25209-PHILA-54
>> > > >
>> > > >
>> > > > W3NP daveh@...
>> > > > B&W T-368E #575
>> > > > contract 15117-PP-62
>> > > >
>> > > > KD1YT tlewis@...
>> > > > B&W T-368E #27
>> > > > contract 15117-PP-62
>> > > > overhauled at Pirmassens Army Depot
>> > > >
>> > > > KX4R kx4rgc@...
>> > > > Crosley T-368C #560
>> > > > contract 21316-PH-56
>> > > >
>> > > > WB6DXR lesterw@...
>> > > > B&W T-368 #18
>> > > > contract 25633-Phila-53
>> > > >
>> > > > W2HU reid.j.hagan@...
>> > > > T-368 #138
>> > > > (awaiting further info)
>> > > >
>> > > > W7QHO w7qho@...
>> > > > B&W T-368 #123

>> > > > (awaiting further info)
>> > > >
>> > > > K2AUS w.d.gallagher@...
>> > > > TRW T-368F #303
>> > > > contract 14527(E)
>> > > >
>> > > > N4FS n4fs@...
>> > > > TRW T-368F #261
>> > > > contract 14527(E)
>> > > >
>> > > > WA1QHQ mark.donaldson@...
>> > > > B&W T-368 #32
>> > > > contract 25070-Phila-54
>> > > >
>> > > > AE4IN ae4in@...
>> > > > Daystrom T-368C #46
>> > > > contract 28597-Phil-55
>> > > >
>> > > > W5BVB plmills@...
>> > > > Oneida T-368F #19
>> > > > contract 15498-PP-63
>> > > >
>> > > > N4KIA pradams@...
>> > > > Crosley T-368C #275
>> > > > contrac 28459-PH-55
>> > > >
>> > > >
>> > >
>> >
>>
>----------------------------------------------------------------------
>> > > > Failed tests, classes skipped, forgotten
>> locker
>> > > combinations.
>> > > > Remember the good 'ol days
>> > > >
>> > >
>> >
>>
>http://click.egroups.com/1/4053/4/_/592920/_/959646924/
>> > > >
>> > >
>> >
>>
>----------------------------------------------------------------------
>> > >
>> >
>> > _____________________________________________
>> > Do You Yahoo!?
>> > Kick off your party with Yahoo! Invites.

>> > http://invites.yahoo.com/
>
>
>_____
>Do You Yahoo!?
>Kick off your party with Yahoo! Invites.
>http://invites.yahoo.com/
>
>---
>Failed tests, classes skipped, forgotten locker combinations.
>Remember the good 'ol days
>http://click.egroups.com/1/4053/4/_/592920/_/959655068/
>---
>
>

# 502. Registry entries

Yahoo group: T-368_BC-610
Date: 2000-05-30 17:17:04 UTC
From: Joe Foley
Topic: 502  Message: 502

Please note:

All entries to the T-368 or BC-610 registries are
being handled by members of this list other than me.

To put your transmitter into the registry you either
have to post your information to the list or to them
personally.

Their E-mail addresses and information are listed on
the registry list posted whenever they're updated.

Thanks,

Joe

_____
Do You Yahoo!?
Kick off your party with Yahoo! Invites.
http://invites.yahoo.com/

# 503. Registry entries

Yahoo group: T-368_BC-610
Date: 2000-05-30 17:17:35 UTC
From: Joe Foley
Topic: 502  Message: 503

Please note:

All entries to the T-368 registry or the new BC-610
registry are being handled by members of this list
other than me.

To put your transmitter into the registry you either
have to post your information to the list or to them
personally.

Their E-mail addresses and information are listed on
the registry list posted whenever they're updated.

Thanks,

Joe

_____
Do You Yahoo!?
Kick off your party with Yahoo! Invites.
http://invites.yahoo.com/

# 504. Fwd: Re: [T-368_BC-610] Registry 5/29/00

Yahoo group: T-368_BC-610
Date: 2000-05-30 18:01:52 UTC
From: Joel Cumberland
Topic: 504  Message: 504

Sorry Joe i thought i was sending to the list.

My T-368 is in storage but I have my 610 info.

BC-610-H
# 497
21418-PHILA-50-7-C

Joel N3EYR

On Mon, 29 May 2000, you wrote:
> All right!! We've got a BC-610 registry!!
>
> Dan Harlan's gonna volunteer to manage it. So post
> your info to the list and lets see how many we get.
> This ought to be interesting.
>
> Joe
>
---
---

# 505. RE: [NyHam] Ham Radio Communication Help Needed

Yahoo group: T-368_BC-610
Date: 2000-05-31 03:32:38 UTC
From: Joe Foley
Topic: 505  Message: 505

Would anyone in the Albany, NY or Amsterdam, NY area
be able to help this guy out?

Good opertunity for Ham radio help, its too far away
for me to go to.

This is from the NyHam mailing list.

Thanks,

Joe

--- Preferred Customer <herman01@...> wrote:
> Joe:
> Thank you so much for responding!!
> Please see my web page (url at the bottom of this
> email)
> On that web page you'll see a 'My list of links'
> section.
> Click on 'Far out view of surrounding Auriesville
> area.'
> That will take you to this location:
>
http://www.mapblast.com/myblast/map.mb?&CMD=LFILL&CT=42.929444:-74.316944:30
>
00000&IC=42.929444:-74.316944:8:&GAD3=Auriesville,+NY&W=456&H=259
>
> Auriesville is near the highway that goes northwest
> out of Albany. That
> highway then curves to travel dead-on west. After
> passing Amsterdam on that
> highway you should hit Auriesville almost
> immediately.
>
> If you have problems please let me know.
>
> Please tell as many hams as you know about this
> event.
> Please let me know if you were able to get to my web
> page.
> Thanks again for responding.
>
> Herman
> Please tell as many hams as you know about this
> event.
> We need all the help we can get.

> 
> > -----Original Message-----
> > From: Joe Foley [mailto:redmenaced@...]
> > Sent: Monday, May 29, 2000 10:41 PM
> > To: Preferred Customer
> > Subject: Re: [NyHam] Ham Radio Communication Help
> Needed
> > 
> > 
> > 
> > --- Preferred Customer <herman01@...>
> wrote:
> > > Hi,
> > > 
> > > This message is being sent to Connecticut, New
> York,
> > > and New Jersey hams
> > > that are subscribing to this list.
> > > 
> > > My church is having an annual event in
> Auriesville,
> > > NY on Saturday, June 10,
> > > 2000.
> > > We are expecting 1000+ people to participate in
> this
> > > year's event.
> > > The organizers of the event realize that ham
> radio
> > > would be best for
> > > providing communications for the event. They do
> not
> > > know any hams (except
> > > for me).
> > > They are planning on using cell phones again
> this
> > > year to provide the
> > > communications.
> > > 
> > > I have been trying since 1/1/2000 to get some
> hams
> > > together. I have one.
> > > Me.
> > > Can you help me find hams for this event? Can
> you
> > > forward our plea to as
> > > many hams as you know so we can get the word out
> as
> > > wide spread as possible?
> > > 
> > > Thanks for any help you can provide.

> > > Herman herman01@... herman01@...
> > >
> > >
> >
>
http://homepages.go.com/~herman01/ham/specialevent.html
> > >
> > >
> > > ---
> > > Submissions nyham@...

---
Do You Yahoo!?
Send instant messages & get email alerts with Yahoo! Messenger.
http://im.yahoo.com/

# 506. Re: [MilSurplus] STOLEN RADIO LIST

Yahoo group: T-368_BC-610
Date: 2000-05-31 20:33:53 UTC
From: Joe Foley
Topic: 506  Message: 506

--- "ROBERT W. DOWNS" <RWDowns_WA5CAB@...>
wrote:
> Groups,
>
> The following items were stolen from my storage
> building the night of 29/30
> May 2000. If any of you see or hear of anything,
> including someone who
> suddenly has a complete SCR-284 packset radio,
> please let me know. The
> Houston Police Dept. Incident Number is 68850900-D.
>
> SCR-284 packset radio consisting of:
>
> BC-654 Receiver-Transmitter s/n 47775 with J-48 key
> and PE-104 Vibrator
> Supply s/n 52186.
>
> CS-41 Bag containing GN-45-A Generator s/n 10214
>
> BG-58-A Roll (Bag) containing:
> 2 GC-7 Crank
> LG-2-A Leg
> 2 LG-3 Leg
> 4 LG-13-A Leg
> IN-106-A Insulator
> MS-49 through MS-56 Mast Sections plus extra MS-49
> and MS-50
> 15' W-142 Wire
>
> BG-102-A Bag containing:
> P-19 & HS-30 Headset
> CD-501 Cord
> RL-29 Reel with CP-12 & -13 Counterpoise
> RL-28 Reel with GY-11 & -12 Guy
> T-17-D Microphone Contract # 10612-Phila-44
> 4 GP-27 Stake
> 2 PE-104 Vibrator Supply s/n 12424 & 4431
>
> CS-76-B Bag containing RM-29-A Remote Control s/n
> 2504
> BX-31-A Box, Spare Tube & Vibrator (fully stocked)
>
> SCR-694 and AN/GRC-9 components:
>

> CW-140/GRC-9 Bag containing RT-77A/GRC-9
> Receiver-Transmitter s/n 4726 (all
> 3 tags match)
>
> BG-175 Bag
>
> 2 BG-174 Roll (Bag) (one WW-II and one Korean War
> style) each containing:
> 6 MS-116-A Mast Section
> 2 MS-117-A Mast Section
> 2 MS-118-A Mast Section (missing from WW-II bag)
> CD-1086 84" Cord
> 2 GC-7 Crank
> IN-127 Insulator
> LG-2-B Leg
> 2 LG-3 (WW-II) or 2 LG-3-B Leg
> 1 GP-27-A (WW-II) or 4 GP-27-Fr
>
> For the four of you who noticed that there are three
> PE-104's with the
> SCR-284, the two in the BG-102 are filling the space
> that should be
> occupied by two BA-43 Batteries, which are made of
> unobtanium.
>
> Robert Downs
> WA5CAB
> Houston
>
> ---
> Submissions milsurplus@...

---
Do You Yahoo!?
Send instant messages & get email alerts with Yahoo! Messenger.
http://im.yahoo.com/

# 507. BC-610

Yahoo group: T-368_BC-610
Date: 2000-06-01 01:20:10 UTC
From: Bill Shaw
Topic: 507  Message: 507

BC-610E here with serial number 414.
Bill W2HYN

# 508. HV feed mod

Yahoo group: T-368_BC-610
Date: 2000-06-01 01:56:27 UTC
From: Bill Coleman
Topic: 508  Message: 508

I'm in the process of making the modification to move the HV feed and blocking cap over to the 4-400 plate instead of mid-way thru the PI-L. I've seen a recommendation to use a B&W 800 choke, any reason to not re-mount and re-use the existing chokes?

For those of you who have NOT made the HV feed change: I found one of the original .001uF blocking caps had pretty well dumped it's guts - the one in the middle of the stacked three. Suspect it gets the hottest of the bunch.

So far I've found the T-3 quite easy to work on (mechanically anywho). Very easy to pop off the vac var mechanics and get access to the original chokes & blocking caps. 'Re-wiring' the tank is very straight forward & one of the hunks of removed straps is a perfect fit between the two sections of the bandswitch.

Also, still looking for the Veeder counter for the load control. No response from Fair Radio yet. Anybody have one out there??

THX & 73, Bill N2BC

# 509. Re: [T-368_BC-610] BC-610

Yahoo group: T-368_BC-610
Date: 2000-06-01 02:17:30 UTC
From: Joe Foley
Topic: 509  Message: 509

```
--- Bill Shaw <w2hyn@...> wrote:
> Oops..sorry Joe
++++++++
No problem, I'm sending it to the list to be put in
the registry compiler notification mode.

> Hallicrafters Co.
>
> At 06:51 PM 5/31/00 -0700, you wrote:
> >
> >--- Bill Shaw <w2hyn@...> wrote:
> >> BC-610E here with serial number 414.
> >> Bill W2HYN
> >>++++++
> >Who made it, Bill?
> >
> >Joe
>
>

_____________________________________________________
Do You Yahoo!?
Send instant messages & get email alerts with Yahoo! Messenger.
http://im.yahoo.com/
```

# 510. E-bay funnies! You're not ready for this one.

Yahoo group: T-368_BC-610
Date: 2000-06-02 21:05:44 UTC
From: Joe Foley
Topic: 510  Message: 510

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=345133330

_____
Do You Yahoo!?
Yahoo! Photos -- now, 100 FREE prints!
http://photos.yahoo.com

# 511. T-368 Registry info

Yahoo group: T-368_BC-610
Date: 2000-06-03 23:27:17 UTC
From: Bill Coleman
Topic: 511  Message: 511

Not sure who was collecting this info, but I would like some input on my conclusions anyway...

RF Deck is B&W, Order # 3472-PHILA-52, Serial# 42. Definately a "BASIC" (no IPA protect).

Modulator is ECCO (Electronic Components Corp), Contract DAAB05-67-C-002 (Does the "C" indicate the model?)

Power Supply has no indication on the chassis I could find (still recovering from bringing it down into the basement). But the HV transformer has the single untapped primary winding & 6,336V secondary - so I conclude it's at least a "C".

The RF deck is a "Basic", I think the modulator is a "C", the PS is probably a "C", and the cabinet is NOT a "BASIC" based on the pix in the book - .
So I guess what I have is a "C" model with a swapped out RF deck. Whatcha think?

Still looking for a Load Cap turns counter....

I may not be able to check for responses for a while, next task is to bring down the cabinet - ooffff!

73 all de Bill N2BC

# 512. Re: [T-368_BC-610] T-368 Registry info

Yahoo group: T-368_BC-610
Date: 2000-06-04 01:18:57 UTC
From: Joe Foley
Topic: 512  Message: 512

--- Bill Coleman <n2bc@...> wrote:
> Not sure who was collecting this info, but I would
> like some input on my
> conclusions anyway...
+++++++
How was the Hamfest? I want to know what I MISSED!!!

>
> RF Deck is B&W, Order # 3472-PHILA-52, Serial# 42.
> Definately a "BASIC" (no
> IPA protect).
++++++
That's got to be one of the first!

>
> Modulator is ECCO (Electronic Components Corp),
> Contract DAAB05-67-C-002
> (Does the "C" indicate the model?)
+++++++++
Good question, I'm going to say they were well into
the "E" models at that point BUT Gene has a "C" that
was made on the same contract number as my "E" and has
a LATER S/N! Explain that! Considering that the
contract numbers and the model designations are on the
same tag, they can't be easily confused. What
happened? Were the "C" and "E" models made at the
same time?

>
> Power Supply has no indication on the chassis I
> could find (still recovering
> from bringing it down into the basement). But the HV
> transformer has the
> single untapped primary winding & 6,336V secondary -
> so I conclude it's at
> least a "C".
+++++++
So far the only way I can determine it is by the
layout of the components.

>
> The RF deck is a "Basic", I think the modulator is a
> "C", the PS is probably
> a "C", and the cabinet is NOT a "BASIC" based on the
> pix in the book - .
> So I guess what I have is a "C" model with a swapped

> out RF deck. Whatcha
> think?
+++++++++
Compare the antenna relay voltage to be sure! They
are different. Sounds like a "C" to me.

>
> Still looking for a Load Cap turns counter....
+++++++
I take it you didn't find any parts at all at the
Rochfest?

>
> I may not be able to check for responses for a
> while, next task is to bring
> down the cabinet - ooffff!
++++++++++
Put it on a big piece of thick carpet and slide it,
you won't believe how much easier that makes it.
Unless you have carpeted stairs.

Joe

_____
Do You Yahoo!?
Yahoo! Photos -- now, 100 FREE prints!
http://photos.yahoo.com

# 513. Re: [T-368_BC-610] T-368 Registry info

Yahoo group: T-368_BC-610
Date: 2000-06-04 01:22:22 UTC
From: Jack Taylor
Topic: 512  Message: 513

Was the T-368 designed by the signal corps or was it commercially designed? Either way it might be possible to find out who the design team was for the various models and query them as to the design history.

The other day I ran across a former station chief who operated one of the first AN/MRC-2 radio sets. While he didn't have anything to do with the design, it points up the possibility some of these old timers may still be around.

Jack

-----Original Message-----
From: Joe Foley <redmenaced@...>
To: T-368_BC-610@egroups.com <T-368_BC-610@egroups.com>
Date: Saturday, June 03, 2000 7:18 PM
Subject: Re: [T-368_BC-610] T-368 Registry info

>
>--- Bill Coleman <n2bc@...> wrote:
>> Not sure who was collecting this info, but I would
>> like some input on my
>> conclusions anyway...
>+++++++
>How was the Hamfest? I want to know what I MISSED!!!
>
>
>>
>> RF Deck is B&W, Order # 3472-PHILA-52, Serial# 42.
>> Definately a "BASIC" (no
>> IPA protect).
>++++++
>That's got to be one of the first!
>
>
>>
>> Modulator is ECCO (Electronic Components Corp),
>> Contract DAAB05-67-C-002
>> (Does the "C" indicate the model?)
>+++++++++
>Good question, I'm going to say they were well into
>the "E" models at that point BUT Gene has a "C" that
>was made on the same contract number as my "E" and has
>a LATER S/N! Explain that! Considering that the
>contract numbers and the model designations are on the
>same tag, they can't be easily confused. What
>happened? Were the "C" and "E" models made at the

>same time?
>
>
>>
>> Power Supply has no indication on the chassis I
>> could find (still recovering
>> from bringing it down into the basement). But the HV
>> transformer has the
>> single untapped primary winding & 6,336V secondary -
>> so I conclude it's at
>> least a "C".
>+++++++
>So far the only way I can determine it is by the
>layout of the components.
>
>
>>
>> The RF deck is a "Basic", I think the modulator is a
>> "C", the PS is probably
>> a "C", and the cabinet is NOT a "BASIC" based on the
>> pix in the book - .
>> So I guess what I have is a "C" model with a swapped
>> out RF deck. Whatcha
>> think?
>+++++++++
>Compare the antenna relay voltage to be sure! They
>are different. Sounds like a "C" to me.
>
>
>
>>
>> Still looking for a Load Cap turns counter....
>+++++++
>I take it you didn't find any parts at all at the
>Rochfest?
>
>
>
>>
>> I may not be able to check for responses for a
>> while, next task is to bring
>> down the cabinet - ooffff!
>++++++++++
>Put it on a big piece of thick carpet and slide it,
>you won't believe how much easier that makes it.
>Unless you have carpeted stairs.
>
>Joe
>
>_________________________________________________

>Do You Yahoo!?
>Yahoo! Photos -- now, 100 FREE prints!
>http://photos.yahoo.com
>
>------------------------------------------------------------------------
>Failed tests, classes skipped, forgotten locker combinations.
>Remember the good 'ol days
>http://click.egroups.com/1/4053/4/_/592920/_/960081539/
>------------------------------------------------------------------------
>
>
>

# 514. Re: Power supply troubles

Yahoo group: T-368_BC-610
Date: 2000-06-04 15:34:58 UTC
From: Joe Foley
Topic: 514  Message: 514

--- Bill Coleman <n2bc@...> wrote:
> Forgot to ask earlier... you mentioned power supply
> troubles. What kind of
> problems? Any pointers to minimized the size of the
> mushroom cloud
> appreciated!
++++++++++
Yeah, check the HV wire from the 3B28's, it gets checked like old tires. Especially where it goes through the holes in the chassis, those should have been bigger holes, they're just too tight. I tried putting HV tape on them but I couldn't stop the arcing, so I replaced it all with new silicone rubber insulated stuff good for 25 Kv.

Also, after soldering the new wire in place the plate transformer leaked, got that fixed with thin super glue on the terminals. Be sure to write that one in the book!

The interlock on the power supply deck was bent inward and had to be straightened, cleaned, rewired, and adjusted.

The lens on the green power light didn't match the red one, but, you know,..... I had one of the chrome ones in my junk box!! Now they match, both chrome!

After that and carefully cleaning the HV insulators and setting the spark gaps I've had no other problems.

Joe

_____
Do You Yahoo!?
Yahoo! Photos -- now, 100 FREE prints!
http://photos.yahoo.com

# 515. BC-610 Registry entry

Yahoo group: T-368_BC-610
Date: 2000-06-04 16:40:50 UTC
From: Mikhael Brown
Topic: 515  Message: 515

Here is the info on my BC-610.

Model: BC-610-I T-213/GRC26
Serial Number: 21
Order Number: 18723-PHILA-48
Tag shows it was Modified by Barker & Williamson Inc

Also have the BC-614 Speech Amp
Model: BC-614-I
Serial number: 236
Order number: 3167-PHILA-51
Made by Hallicrafters

Both of these will be up for sale in July if anyone is interested.
Pickup ONLY...

I am getting an "E" model and need to make room for it.

73's

Mike
N6WIG

/// <N6WIG@...>
| Collector of Military and Vintage
/|\ commuications equipment.
N6WIG San Jose, Ca

_____
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# 516. MRCG Photos Updated

Yahoo group: T-368_BC-610
Date: 2000-06-04 23:16:23 UTC
From: Mikhael Brown
Topic: 516  Message: 516

The MRCG web page has been updated with some of the photos from the San Luis Obispo meeting in May. If any errors are found please let me know. Also many of the photos need captions and identification. Your help would be greatly appreciated.

http://members.xoom.com/Milradio/

73's

Mike
N6WIG

/// <N6WIG@...>
| Collector of Military and Vintage
/|\ commuications equipment.
N6WIG San Jose, Ca

_____
Get your own FREE, personal Netscape WebMail account today at http://webmail.netscape.com.

# 517. Re: [T-368_BC-610] MRCG Photos Updated

Yahoo group: T-368_BC-610
Date: 2000-06-05 01:48:45 UTC
From: Joe Foley
Topic: 517  Message: 517

Ok, so where were the T-368's and BC-610's? Hmmm?
This IS the T-368, BC-610 mailing list ya know! I
just have to poke you up about that.

Nice pictures, must have been a real good time.

How shall we torture this guy who goes to a show like
that with all of the nice California weather and
doesn't even have ONE picture of a T-368 or a BC-610?

I already E-mailed Mark Blair about not having one in
his shop van M-109. What a lame reply, he's working
on it!

That's it! I have to say this: YOU WEST COAST GUYS
AREN'T TRYING HARD ENOUGH!

Joe

--- Mikhael Brown <n6wig@...> wrote:
> The MRCG web page has been updated with some of the
> photos from the San Luis
> Obispo meeting in May. If any errors are found
> please let me know. Also many
> of the photos need captions and identification.
> Your help would be greatly
> appreciated.
>
> http://members.xoom.com/Milradio/
>
> 73's
>
> Mike
> N6WIG
>
> /// <N6WIG@...>
> | Collector of Military and Vintage
> /|\ commuications equipment.
> N6WIG San Jose, Ca
>
>

---
> Get your own FREE, personal Netscape WebMail account
> today at http://webmail.netscape.com.
>

_____
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http://photos.yahoo.com

# 518. Hamfest anyone?

Yahoo group: T-368_BC-610
Date: 2000-06-05 19:28:34 UTC
From: Joe Foley
Topic: 518  Message: 518

---
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http://photos.yahoo.com

# 519. Rochester Hamfest

Yahoo group: T-368_BC-610
Date: 2000-06-06 02:53:22 UTC
From: Joe Foley
Topic: 519  Message: 519

HI list,

Can anybody do give us a report on the Rochester and
Butler Hamfests?

I'd like to but I HAVE TO GOT TO WORK IN THE
MORNING!!!

Haven't said that since last year!

Joe

_____
Do You Yahoo!?
Yahoo! Photos -- now, 100 FREE prints!
http://photos.yahoo.com

# 520. Butler Hamfest

Yahoo group: T-368_BC-610
Date: 2000-06-06 03:06:11 UTC
From: Joel Cumberland
Topic: 519  Message: 520

Butler fest was nice. Not many large radios, saw a B&W 5100 for $200 and a DX-100 for $150. A Viking II and vfo was acquired by one of the gang and an unknown young man was seen running to his car with an R388.

I managed to buy an AER-O-COM 100XLA medium frequency beacon transmitter contained in two six foot racks! Its still in the van as i have to make room somewhere for it. One rack is the power supply's and tuner, other is 2 RF decks and 2 modulators each containing a quad of 807s. I'll have some pics up by the weekend.

Joel N3EYR

On Mon, 05 Jun 2000, you wrote:
> HI list,
>
> Can anybody do give us a report on the Rochester and
> Butler Hamfests?
>
> I'd like to but I HAVE TO GOT TO WORK IN THE
> MORNING!!!
>
> Haven't said that since last year!
>
> Joe

# 521. Registry 6/6/00

Yahoo group: T-368_BC-610
Date: 2000-06-06 10:05:36 UTC
From: W2ZR@aol.com
Topic: 521  Message: 521

KG2CI redmenaced@...
Bendix T-368 E #160
contract 3219-PP-59

W2ZR w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

WF2U mbendror@...
B&W T-368E #628
contract 15117-PP-62

W8KXR jtone@...
B&W T-368C #216
contract 43056-P-55

Bendix T-368C #209
contract 3219-PP-59

W4WSZ bobm@...
Stromberg-Carlson T-368D #161

KF2JQ jprusso@...
(awaiting further info)

WB3FAU wb3fau@...
Oneida T-368F #192
contract 15498-PP-63

KA3OTT kazott@...
B&W T-368C #018
contract 43056-P-56

KW1I Dale.Gagnon@...
AMF T-368A #62
contract 25209-PHILA-54

W3NP daveh@...
B&W T-368E #575
contract 15117-PP-62

KD1YT tlewis@...
B&W T-368E #27
contract 15117-PP-62
overhauled at Pirmasens Army Depot

KX4R kx4rgc@...
Crosley T-368C #560
contract 21316-PH-56

WB6DXR lesterw@...
B&W T-368 #18
contract 25633-Phila-53

W2HU reid.j.hagan@...
T-368 #138
(awaiting further info)

W7QHO w7qho@...
B&W T-368 #123
(awaiting further info)

K2AUS w.d.gallagher@...
TRW T-368F #303
contract 14527(E)

N4FS n4fs@...
TRW T-368F #261
contract 14527(E)

WA1QHQ mark.donaldson@...
B&W T-368 #32
contract 25070-Phila-54

AE4IN ae4in@...
Daystrom T-368C #46
contract 28597-Phil-55

W5BVB plmills@...
Oneida T-368F #19
contract 15498-PP-63

N4KIA pradams@...
Crosley T-368C #275
contract 28459-PH-55

N2BC n2bc@...
T-368C

# 522. T-368 Saga continues

Yahoo group: T-368_BC-610
Date: 2000-06-06 17:27:43 UTC
From: Bill Coleman
Topic: 522  Message: 522

Thanks go out to KG2IC and KG2CI. Some significant steps forward in the past few days.

Biggest step was moving the pieces from the garage to the basement 'shack' area. Took a while to round up my teenage bruisers to help, but I finally cornered them and threatened to suspend their auto priviliges if they didn't share the pain.

I've determined that the RF deck is a BASIC and the Modulator deck is a much later replacement. The cabinet has no label and it too may be a BASIC (has K1 antenna relay), but the rear cover matches a 'letter' model and not the pix of a BASIC, this threw me a bit.

Because the modulator deck is much newer than the cabinet, it was expecting the S14 interlock (front upper right on the cabinet), but this is not on my cabinet. Without the S14 interlock, the mod deck refused to supply B+ to the exciter. I added a jumper in the mod deck plug and things started to move forward! Have the exciter working FB.

I've also been pleading on here for a replacement load control counter. Fair Radio was running behind in their E-mail and replied they have the entire assembly 'in stock' for $30, so a fix is on the way. I suspect a phone call in the first place would have been much quicker!

Keep your eyes open for an HV mushroom cloud centered in Central NY - plan is to start warming up dummy load oil tonight.

Now to ask for more guidance... Would appreciate hearing about audio mods. I have the WA1HLR mod documentation and also the N9FOY mod. Any others out there?

THX to all & 73, Bill N2BC

# 523. Re: [T-368_BC-610] T-368 Saga continues

Yahoo group: T-368_BC-610
Date: 2000-06-06 22:40:46 UTC
From: Joe Foley
Topic: 523  Message: 523

> I've determined that the RF deck is a BASIC and the
> Modulator deck is a much
> later replacement. The cabinet has no label and it
> too may be a BASIC (has
> K1 antenna relay), but the rear cover matches a
> 'letter' model and not the
> pix of a BASIC, this threw me a bit.
++++++++
Hi Bill,

Look on the inside bottom, center of the cabinet and
see if there are any numbers there.

>
> Because the modulator deck is much newer than the
> cabinet, it was expecting
> the S14 interlock (front upper right on the
> cabinet), but this is not on my
> cabinet. Without the S14 interlock, the mod deck
> refused to supply B+ to the
> exciter.
++++++++
Does your wiring harness have the wires for it,or is
everything missing?

>
> I've also been pleading on here for a replacement
> load control counter.
> Fair Radio was running behind in their E-mail and
> replied they have the
> entire assembly 'in stock' for $30, so a fix is on
> the way.
+++++++
That's not bad.

>
> Keep your eyes open for an HV mushroom cloud
> centered in Central NY - plan
> is to start warming up dummy load oil tonight.
++++++++
There's always the ME-165 dummy load and SWR meter.

>
> Now to ask for more guidance... Would appreciate
> hearing about audio mods.
> I have the WA1HLR mod documentation and also the

> N9FOY mod. Any others out
> there?
+++++
If you jump the filters in the speech amp and adjust
the clipping to the proper level it'll still sound
like an SSB rig or a rice box,..... like mine does.

Joe

_____
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# 524. Registry observations

Yahoo group: T-368_BC-610
Date: 2000-06-06 23:45:31 UTC
From: Joe Foley
Topic: 524  Message: 524

1953 1-Basic

1954 1-Basic
1-"A"

1955 4-"C"'s Who made the "B" model?

1956 2-"C"'s

1957 So far, none

1958 So far, None

1959 1-"C"
1-"E" Both by the same mfg. same contract
number.
Stromberg-C made the "D"

1960-'61 So far, None

1962 3-"E"'s

1963 2-"F"'s

Unknown year 2-"F"'s Contract #14527(E)?

No wonder we're having trouble sorting this out!

Joe

---
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http://photos.yahoo.com

# 525. R-390A for a T-368?

Yahoo group: T-368_BC-610
Date: 2000-06-07 00:48:24 UTC
From: Joe Foley
Topic: 525  Message: 525

Well, the S/N is #368!

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=344816615

---
Do You Yahoo!?
Yahoo! Photos -- now, 100 FREE prints!

[Non-text portions of this message have been removed]

# 526. Re: Butler Hamfest

Yahoo group: T-368_BC-610
Date: 2000-06-07 02:33:06 UTC
From: Joel Cumberland
Topic: 519  Message: 526

Many tube venders, no one had the WD-11 i need. Talked to one who had a huge Eimac bottle {old radar i guess} and he said that he sold all his 250THs to guys building audio amps. : (

Joel

On Tue, 06 Jun 2000, you wrote:
> Thanks for the report, Joel.
>
> Did you see any big tubes for sale? Like the 4-400,
> or the 4-125. Or maybe a 6000!
>
> Joe
>
>

# 527. T-3 Op query

Yahoo group: T-368_BC-610
Date: 2000-06-07 20:34:06 UTC
From: Bill Coleman
Topic: 527  Message: 527

What is the nominal idling current on the PA: CW, plate voltage on, key up? I'm seeing abt 120mA, seems kinda high. But then it's still darn chilly here in upstate NY and the additional couple hundred watts of heat feels good!

I'm wondering if the clamper is working right... the book is not very specific, says it cuts the plate current to a 'safe' value. 120mA is indeed safe, but still feels high.

Making lots of RF with my T-3 project, seems generally well behaved. Have not fed it any audio yet tho.

THX, Bill N2BC

# 528. Re: T-368 design history?

Yahoo group: T-368_BC-610
Date: 2000-06-08 00:28:37 UTC
From: Joe Foley
Topic: 528  Message: 528

This guy used to work for Collins Radio so he'd know if they were involved in the design.

Joe

"Dr. Gerald N. Johnson" wrote:

I'd recognize a T-368 at some distance, but would probably look at the tag to confirm it. Otherwise, I've only seen one in person and it wasn't something made me want to become more acquainted with it.

Which is to say that I don't know who designed the T-368. Could have been a Signal Corps design, but more likely was a contract design. I'd have thought maybe TMC or RF Com... An improvement on the BC-610. Though not quite as mobile.

73, Jerry, K0CQ

---
Do You Yahoo!?
Yahoo! Photos -- now, 100 FREE prints!

[Non-text portions of this message have been removed]

# 529. T-3 tank coil on E-bay

Yahoo group: T-368_BC-610
Date: 2000-06-08 01:59:06 UTC
From: Joe Foley
Topic: 529  Message: 529

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=347937188

---

Do You Yahoo!?
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[Non-text portions of this message have been removed]

# 530. T-3 speech amp query

Yahoo group: T-368_BC-610
Date: 2000-06-08 20:08:47 UTC
From: Bill Coleman
Topic: 530  Message: 530

Poking around in the speech amp chassis, I see a matching transformer that is not on any of my diagrams (Basic thru E).

It is a 600 ohm : 25K ohm, connected to J3 on pins 2 and 3. Anybody show this on their diagrams? What's it for? It does not appear to be connected to anything in the speech amp... in on pin 2 and out on pin 3 - for what?

Also, haven't heard from anybody on the PA idling current. Looking for CW key up idling current. I get abt 120mA which seems high. The 5933 clamper is doing it's thing, reducing the screen voltage from 500V or so to 80V on key up. But at 120mA idle the 4-400 is dissipating more on key up than on key down... seems dumb to me.

# 531. T-368 Mystery transformer

Yahoo group: T-368_BC-610
Date: 2000-06-09 20:35:03 UTC
From: Bill Coleman
Topic: 531  Message: 531

Yesterday I posted a query about an unidentified transformer in the speech amp of my late vintage modulator deck (1967ish according to date codes on some of the parts).

The transformer is not shown on any of the diagrams I have. Dennis, W7QHO, wins the prize! But don't hang out at your mailbox too long Dennis.

I traced the wiring from the speech amp plug - the transformer is indeed a matching transformer for the 600 ohm audio input.

My mod deck is wired as follows:

From J12-D (600 ohm audio input), to P6 / J6-25, to Speech Amp P3 / J3 -2, to the 600 primary of the transformer, other end of the primary winding to ground

The secondary (25K): one side is grounded, the hot side goes out Speech Amp P3/J3 - 3, to the top of R17 (600 ohm input level pot). The wiper of the pot goes back to the speech amp via it's own shielded cable to J5

So if you check your diagram, the 600 ohm input takes a detour to the speech amp chassis, thru the matching transformer then to the 600 ohm input level pot. There is no nomenclature (T-whatever) on the transformer or anywhere on the speech amp chassis). It's unfortunate that the 600 ohm side is unbalanced (but fixable) !

Another tip-o-the-hat to Dennis for passing along that his T-368 PA draws 140mA on key up. I still think it's pretty strange to have the PA dissipating more power on key up than it does fully loaded key down - but that's what it does!

Now I need to figure out why the modulators draw current like a champ but the modulation level seems way low. Another interesting phenom: one of the 4-125s shows color at idle, the other does not. But when driven to 100Ma or so, the 'color' swaps! I've only listened to the audio, need to scope things. Then I may try a couple of known good 4-250s that I have, then ??

Thanks to Dennis, Steve W2ZR, and Joe KG2CI

73, Bill N2BC

# 532. beacon transmitter pic

Yahoo group: T-368_BC-610
Date: 2000-06-10 02:24:27 UTC
From: Joel Cumberland
Topic: 532  Message: 532

As promised here are a couple of pics of goodies from the Butler hamfest.
More to follow.
http://www.kong.net/radio/new.htm

Joel N3EYR

# 533. Manuals and coils on E-bay

Yahoo group: T-368_BC-610
Date: 2000-06-10 23:28:26 UTC
From: Joe Foley
Topic: 533  Message: 533

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=354407992

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=354412995

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=354667843

---
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[Non-text portions of this message have been removed]

# 534. AN/URM-127's

Yahoo group: T-368_BC-610
Date: 2000-06-10 23:49:52 UTC
From: Joe Foley
Topic: 534  Message: 534

Yes, its on E-bay, but there's four of them and no one's showing much interest, $10/ea. These are audio generators, I believe.

http://search.ebay.com/search/search.dll?MfcISAPICommand=GetResult&ebaytag1=ebayreg&ht=1&query=an%2Furm-127a&ebaytag1code=0&SortProperty=MetaEndSort&SortOrder=%5Ba%5D

Joe

---
Do You Yahoo!?
Yahoo! Photos -- now, 100 FREE prints!

[Non-text portions of this message have been removed]

# 535. Tank coil on E-bay

Yahoo group: T-368_BC-610
Date: 2000-06-11 14:32:35 UTC
From: Joe Foley
Topic: 535  Message: 535

You mean to tell me that NOBODY is going to buy that tank coil on E-bay?!?!?!

Its only at $20!!

Did anyone check with the seller to see if he has any more parts from the T-3 he tore apart?

It'd be hard to believe that that's the only part he has.

Joe

---
Do You Yahoo!?
Yahoo! Photos -- now, 100 FREE prints!

[Non-text portions of this message have been removed]

# 536. Ham radio in the news! Not good!

Yahoo group: T-368_BC-610
Date: 2000-06-11 22:12:12 UTC
From: Joe Foley
Topic: 536  Message: 536

http://www.uniontribune.com/news/state/20000610-991447-radiohacker.html

---
Do You Yahoo!?
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[Non-text portions of this message have been removed]

# 537. BC-610 Crystals

Yahoo group: T-368_BC-610
Date: 2000-06-12 02:16:19 UTC
From: Joe Foley
Topic: 235  Message: 537

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=354973440

---

Do You Yahoo!?
Yahoo! Photos -- now, 100 FREE prints!

[Non-text portions of this message have been removed]

# 538. Guess my ad is in the new ER. BC-610 registrar, please contact Rolynn

Yahoo group: T-368_BC-610
Date: 2000-06-15 01:49:21 UTC
From: W2ZR@aol.com
Topic: 538  Message: 538

In a message dated 06/14/2000 9:38:41 PM Eastern Daylight Time,
k7dfw@... writes:

<< Sir,
From your ad in ER I get the hint that this might include BC-610s. If
this is true I'd like to play along as I have two 610s operational and
on-line.

Thank You,

Rolynn Prechtl K7DFW
23471 Cedar Grove Road
Clatskanie, OR 97016-2505

k7dfw@... >>

[Non-text portions of this message have been removed]

# 539. WTB T-368 Mod Xfmr

Yahoo group: T-368_BC-610
Date: 2000-06-16 00:30:18 UTC
From: Bill Coleman
Topic: 539  Message: 539

My mod transformer has developed a high voltage short. Refurb was proceeding great until it started tripping out the HV breaker. I need to mooch a hi-pot tester to prove the transformer is bad, but I had suspicions about it before it started tripping the breaker.

FYI, in "Tune", with the primary load resistor, the transformer repeatedly arcs... sounds like a machine gun. With full primary ("Operate"), there's longish, nasty sounding arc and the HV CB trips.

So, I'm on the prowl for a replacement... Looks like one from a Viking 500 may fill the bill too. Anybody have a 'spare' out there? Any other suggestions for alternatives?

THX, Bill N2BC

# 540. T-368 Registry 6/16/00

Yahoo group: T-368_BC-610
Date: 2000-06-16 21:28:22 UTC
From: W2ZR@aol.com
Topic: 540  Message: 540

KG2CI redmenaced@...
Bendix T-368 E #160
contract 3219-PP-59

W2ZR w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

WF2U mbendror@...
B&W T-368E #628
contract 15117-PP-62

W8KXR jtone@...
B&W T-368C #216
contract 43056-P-55

Bendix T-368C #209
contract 3219-PP-59

W4WSZ bobm@...
Stromberg-Carlson T-368D #161

KF2JQ jprusso@...
(awaiting further info)

WB3FAU wb3fau@...
Oneida T-368F #192
contract 15498-PP-63

KA3OTT kazott@...
B&W T-368C #018
contract 43056-P-56

KW1I Dale.Gagnon@...
AMF T-368A #62
contract 25209-PHILA-54

W3NP daveh@...
B&W T-368E #575
contract 15117-PP-62

KD1YT tlewis@...
B&W T-368E #27
contract 15117-PP-62
overhauled at Pirmasens Army Depot

KX4R kx4rgc@...
Crosley T-368C #560
contract 21316-PH-56

WB6DXR lesterw@...
B&W T-368 #18
contract 25633-Phila-53

W2HU reid.j.hagan@...
T-368 #138
(awaiting further info)

W7QHO w7qho@...
B&W T-368 #123
(awaiting further info)

K2AUS w.d.gallagher@...
TRW T-368F #303
contract 14527(E)

N4FS n4fs@...
TRW T-368F #261
contract 14527(E)

WA1QHQ mark.donaldson@...
B&W T-368 #32
contract 25070-Phila-54

AE4IN ae4in@...
Daystrom T-368C #46
contract 28597-Phil-55

W5BVB plmills@...
Oneida T-368F #19
contract 15498-PP-63

N4KIA pradams@...
Crosley T-368C #275
contract 28459-PH-55

N2BC n2bc@...
T-368C

K4BVQ PHollifield@...
Bendix T-368E #118
contract 3219-PP-59
overhauled at Pirmasens Army Depot

# 541. T-368 Registry 6/17/00

Yahoo group: T-368_BC-610
Date: 2000-06-17 11:28:35 UTC
From: W2ZR@aol.com
Topic: 541  Message: 541

KG2CI redmenaced@...
Bendix T-368 E #160
contract 3219-PP-59

W2ZR w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

WF2U mbendror@...
B&W T-368E #628
contract 15117-PP-62

W8KXR jtone@...
B&W T-368C #216
contract 43056-P-55

Bendix T-368C #209
contract 3219-PP-59

W4WSZ bobm@...
Stromberg-Carlson T-368D #161

KF2JQ jprusso@...
(awaiting further info)

WB3FAU wb3fau@...
Oneida T-368F #192
contract 15498-PP-63

KA3OTT kazott@...
B&W T-368C #018
contract 43056-P-56

KW1I Dale.Gagnon@...
AMF T-368A #62
contract 25209-PHILA-54

W3NP daveh@...
B&W T-368E #575
contract 15117-PP-62

KD1YT tlewis@...
B&W T-368E #27
contract 15117-PP-62
overhauled at Pirmasens Army Depot

KX4R kx4rgc@...
Crosley T-368C #560
contract 21316-PH-56

WB6DXR lesterw@...
B&W T-368 #18
contract 25633-Phila-53

W2HU reid.j.hagan@...
T-368 #138
(awaiting further info)

W7QHO w7qho@...
B&W T-368 #129
contract 25633-PHILA-53

Crosley T-368C #237
contract 28459-PH-55

K2AUS w.d.gallagher@...
TRW T-368F #303
contract 14527(E)

N4FS n4fs@...
TRW T-368F #261
contract 14527(E)

WA1QHQ mark.donaldson@...
B&W T-368 #32
contract 25070-Phila-54

AE4IN ae4in@...
Daystrom T-368C #46
contract 28597-Phil-55

W5BVB plmills@...
Oneida T-368F #19
contract 15498-PP-63

N4KIA pradams@...
Crosley T-368C #275
contract 28459-PH-55

N2BC n2bc@...
T-368C

K4BVQ PHollifield@...
Bendix T-368E #118
contract 3219-PP-59
overhauled at Pirmasens Army Depot

# 542. Has the BC-610 registry been started yet?

Yahoo group: T-368_BC-610
Date: 2000-06-17 19:49:53 UTC
From: Joe Foley
Topic: 542  Message: 542

I've got people looking for the registry for the
BC-610's so I was wondering how far it got.

Joe

We've got the cleanest ditches and gullies in the
country here,..... they've been flushed at least four
times this week alone!!

_____
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http://im.yahoo.com/

# 543. Where is everybody?

Yahoo group: T-368_BC-610
Date: 2000-06-18 05:12:01 UTC
From: Joe Foley
Topic: 543  Message: 543

I was on 3880 MHz all evening, talked to Bob W2ZM
who's using a 1930's transmitter, John K1KHP with his
T-368, and Ed KB2NSP with a 3-1000Z. Couldn't quite
reach Jeff W0XV in Minn. who was using a Collins 30X1
or Dan NI9Y with a 32V2.

My antenna had a high SWR probably from the weeks of
rain but the T-368 worked well after warming up. It
started out with what seemed to be a sticky plate
relay but I think its the control circuit not
releasing, have to look closer at that, after a warmup
it did fine. Also, the receiver muting relay allows
the receiver to come back on before the transmitter
has shut down which isn't good, it makes a chirp or
buzz in the R-390A. That's not good either.

73

Joe

---------------------------------------------------
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# 544. T-368 REGISTRY 6/18/00

Yahoo group: T-368_BC-610
Date: 2000-06-18 15:46:57 UTC
From: W2ZR@aol.com
Topic: 544  Message: 544

W2ZR w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI redmenaced@...
Bendix T-368 E #160
contract 3219-PP-59

WF2U mbendror@...
B&W T-368E #628
contract 15117-PP-62

W8KXR jtone@...
B&W T-368C #216
contract 43056-P-55

Bendix T-368C #209
contract 3219-PP-59

W4WSZ bobm@...
Stromberg-Carlson T-368D #161

KF2JQ jprusso@...
(awaiting further info)

WB3FAU wb3fau@...
Oneida T-368F #192
contract 15498-PP-63

KA3OTT kazott@...
B&W T-368C #018
contract 43056-P-56

KW1I Dale.Gagnon@...
AMF T-368A #62
contract 25209-PHILA-54

W3NP daveh@...
B&W T-368E #575
contract 15117-PP-62

KD1YT tlewis@...
B&W T-368E #27
contract 15117-PP-62
overhauled at Pirmasens Army Depot

KX4R kx4rgc@...
Crosley T-368C #560
contract 21316-PH-56

WB6DXR lesterw@...
B&W T-368 #18
contract 25633-Phila-53

W2HU reid.j.hagan@...
T-368 #138
(awaiting further info)

W7QHO w7qho@...
B&W T-368 #129
contract 25633-PHILA-53

Crosley T-368C #237
contract 28459-PH-55

K2AUS w.d.gallagher@...
TRW T-368F #303
contract 14527(E)

N4FS n4fs@...
TRW T-368F #261
contract 14527(E)

WA1QHQ mark.donaldson@...
B&W T-368 #32
contract 25070-Phila-54

AE4IN ae4in@...
Daystrom T-368C #46
contract 28597-Phil-55

W5BVB plmills@...
Oneida T-368F #19
contract 15498-PP-63

N4KIA pradams@...
Crosley T-368C #275
contract 28459-PH-55

N2BC n2bc@...
T-368C

K4BVQ PHollifield@...
Bendix T-368E #118
contract 3219-PP-59
overhauled at Pirmasens Army Depot

KF4TP olaf@...
TRW T-368F #190
contract 14527(E)

# 545. Re: [BoatAnchors] Vintage Field Day

Yahoo group: T-368_BC-610
Date: 2000-06-18 21:31:00 UTC
From: Joe Foley
Topic: 545  Message: 545

--- Don Grantham <wa6bcn@...> wrote:
> Happy Fathers Day to you all OT's...
>
> To those who "played" AM on the Vintage Field
> Day...it was great to hear
> ur fb sigs in the AM windows and to listen to your
> trials and
> tribulations with your rigs, antennae and power
> generator problems. It
> was great too, to be able to work Barry N6CSW
> (Electric Radio), W7QHO
> (Military Radio) and many others heard and or worked
> !
>
> 73 de Don W6BCN...Rialto, Ca.
>
>
> ---
> List Owner: Duane Fischer W8DBF For Assistance:
> dfischer@...
> ---
> This list is sponsored by Sandhills Technical
> Service, Inc.
> Complete service on vintage equipment and more!
> Find out about our services at:
> http://www.qsl.net/n4kvp/
>

---------------------------------------------------
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# 546. Re: fwd this to the BC610 registrar pse.

Yahoo group: T-368_BC-610
Date: 2000-06-19 00:32:38 UTC
From: Joe Foley
Topic: 546  Message: 546

```
--- W2ZR@... wrote:
> Here is another one for your list:
>
>
> BC-610-E
> Hallicrafters
> 689 HX
>
> Speechamp
> BC-614-I
> Hallicrafters
> #126
>
> 73's de Olaf, KF4TP
>
> olaf@...
>
> Olaf Madsen
> 1306 Vista Drive
> Shelby,NC 28150

__________________________________________________
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http://im.yahoo.com/
```

# 547. Uh-Oh! Filament Power Light went out!!

Yahoo group: T-368_BC-610
Date: 2000-06-20 00:02:06 UTC
From: Joe Foley
Topic: 547  Message: 547

During a transmission!

Hully Cow!

Still got filament voltage on the meter,..... still
got modulation current,..... PA Plate meter shows 275
mA,.....

What's going on here? Let off on the mike,... Glen
WA3GPE says its still working "try it again".

A real quick check of the most obvious
showed,.....

The light bulb blew out!!!!

ARGH!!! New bulb, too. GE made in USA.

Joe

_____
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http://im.yahoo.com/

# 548. Re: FW: 5,000 WATT SHIP TO SHORE TRANSMITTER NEEDS HOME

Yahoo group: T-368_BC-610
Date: 2000-06-22 02:04:55 UTC
From: Joe Foley
Topic: 548  Message: 548

--- Ed Sieb <sieb@...> wrote:
> -----Original Message-----
> From: David L. Stinson mailto:arc5@...
> Sent: Wednesday, June 21, 2000 9:41 PM
> To: Old Tube Radios
> Subject: 5,000 WATT SHIP TO SHORE TRANSMITTER NEEDS
> HOME
>
>
> Reference Web Page:
> http://www.arc5.com/new2/marc.htm
>
> I've accepted a new job and am moving from the
> Austin area.
> I can't take everything with me.
> I have a 5000 watt Marconi transmitter that covers
> 20-29 MC that needs a new home.
> Most of the expensive tubes ARE INCLUDED.
> I will give this transmitter to anyone who will come
> and get it at my home in North Austin in the next
> few days.
> Preference to anyone who will give me their
> word that they will at least attempt to
> resurrect it. I have another that I'm going
> to take along if I have to drag it
> behind a mule ;-). So you'll have someone
> to talk with about it. There is also a gentleman
> in New Orleans who is working on a quad of these
> great transmitters.
>
> Although it's big, it isn't a complicated machine.
> You could put it on other bands or be the biggest
> gun on 10 meters. I have documentation and diagrams
> on this very interesting 1945 transmitter.
> You'll need a strong back and a small flatbed
> or a pick-up, furniture dolly and tie-downs.
> Otherwise, I will be forced to send it to
> the land fill.
>
> 73 DE Dave Stinson AB5S
> arc5@...
> mailto:arc5@...
>

---
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http://im.yahoo.com/

# 549. T-368 operator's manual

Yahoo group: T-368_BC-610
Date: 2000-06-22 21:48:35 UTC
From: William Gallagher
Topic: 549  Message: 549

Hi everyone, I am in need of a copy of the T-368F operator's manual. I will pay any costs incurred (postage, materials etc,). I have a copy of the tech info but the previous owner hasn't come through with the operator's manual as promised. I contacted him several times by e-mail and landline to no avail. Thanks and 73, Don Gallagher, K2AUS PO BOX 306, Ironia, NJ 07845

# 550. Real nice TV-7D/U

Yahoo group: T-368_BC-610
Date: 2000-06-24 02:25:16 UTC
From: Joe Foley
Topic: 550  Message: 550

May be new?

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=364280881

_____
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http://mail.yahoo.com/

# 551. ME-165 on E-bay

Yahoo group: T-368_BC-610
Date: 2000-06-25 15:25:53 UTC
From: Joe Foley
Topic: 551  Message: 551

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=363421828

_____
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http://mail.yahoo.com/

# 552. T-368 Registry 6/25/00

Yahoo group: T-368_BC-610
Date: 2000-06-25 21:43:32 UTC
From: W2ZR@aol.com
Topic: 552  Message: 552

W2ZR w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI redmenaced@...
Bendix T-368 E #160
contract 3219-PP-59

WF2U mbendror@...
B&W T-368E #628
contract 15117-PP-62

W8KXR jtone@...
B&W T-368C #216
contract 43056-P-55

Bendix T-368C #209
contract 3219-PP-59

W4WSZ bobm@...
Stromberg-Carlson T-368D #161

KF2JQ jprusso@...
(awaiting further info)

WB3FAU wb3fau@...
Oneida T-368F #192
contract 15498-PP-63

KA3OTT kazott@...
B&W T-368C #018
contract 43056-P-56

KW1I Dale.Gagnon@...
AMF T-368A #62
contract 25209-PHILA-54

W3NP daveh@...
B&W T-368E #575
contract 15117-PP-62

KD1YT tlewis@...
B&W T-368E #27
contract 15117-PP-62
overhauled at Pirmasens Army Depot

KX4R kx4rgc@...
Crosley T-368C #560
contract 21316-PH-56

WB6DXR lesterw@...
B&W T-368 #18
contract 25633-Phila-53

W2HU reid.j.hagan@...
T-368 #138
(awaiting further info)

W7QHO w7qho@...
B&W T-368 #129
contract 25633-PHILA-53

Crosley T-368C #237
contract 28459-PH-55

K2AUS w.d.gallagher@...
TRW T-368F #303
contract 14527(E)

N4FS n4fs@...
TRW T-368F #261
contract 14527(E)

WA1QHQ mark.donaldson@...
B&W T-368 #32
contract 25070-Phila-54

AE4IN ae4in@...
Daystrom T-368C #46
contract 28597-Phil-55

W5BVB plmills@...
Oneida T-368F #19
contract 15498-PP-63

N4KIA pradams@...
Crosley T-368C #275
contract 28459-PH-55

N2BC n2bc@...
T-368C

K4BVQ PHollifield@...
Bendix T-368E #118
contract 3219-PP-59
overhauled at Pirmasens Army Depot

KF4TP olaf@...
TRW T-368F #190
contract 14527(E)

KE7KK ke7kk@...
Stromber-Carlson T-368D #33

# 553. Re: [armyradios] FS: MILITARY GREEN RADIO CLOSE OUTS

Yahoo group: T-368_BC-610
Date: 2000-06-26 01:04:28 UTC
From: Joe Foley
Topic: 484  Message: 553

--- Paul Keys <pkeys@...> wrote:
>
>
> Joe Foley wrote:
>
> > Hey, Paul,
> >
> > If you find any T-368 or BC-610 parts I would like
> to
> > post them on my mailing list which deals with
> those
> > two units.
> >
> > Any peripheral equipment like the ME-165
> wattmeter,
> > URM-25 signal generator, BC-614 speech amp, TN-339
> > antenna tuner, BC-939 antenna tuner, M-29B/U
> > microphone, J-37 key, or any accessories would be
> > welcome, too.
> >
> > We also have a related interest in military tube
> > testers and parts.
> >
> > Let me know if you need any of the NSN's I may be
> able
> > to get them.
> >
> > Thank you for any consideration,
> >
> > Joe KG2CI
>
> Hi Joe,
> I wish I could help you. I know all about these as I
> cut my teeth on
> them about 30 years ago.
> I know for certain that I don't have any thing on
> these except for a few
> new mint J-37 keys in original packing that i am
> asking $50 each
> including postage.
> I might have one of those very large antenna
> Insulators for MS
> Sections. that go on the SCR-399 shelter. if
> interested i will check on
> it.

> I have a lot of MS- Antenna sections. MS-49 Etc.
>
> I have all the manuals on these and a lot of other
> sets. check out my
> web site.
>
> I recall the time we restored two AN/GRC-41's
> including the shelter for
> the Taiwan army.. What a project that was.
>
> Good luck keep in touch.
>
> --
> Best regards,
>
> Paul Keys, President W6QDK
>
> Columbia Electronics International Inc.
> P.O. Box 960, 3720 Groves Place
> Somis, CA 93066-0960, USA
>
> Ph.: 805-386-2312
> Fax: 805-386-2314
>
> Visit our revised web site for our latest
> availability listings!
>
> http://www.columbiaelectronics.com
>
>
>
>

---------------------------------------------------
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# 554. Old Military Radios Net

Yahoo group: T-368_BC-610
Date: 2000-06-26 01:28:24 UTC
From: Joe Foley
Topic: 554  Message: 554

Hi List,

The Old Military Radios Net at 05:00 on Saturday was
well attended but the static was miserable!

I didn't hear any other listers in attendance.

Three T-3's were being used but only one BC-610 was
heard, I'll take more detailed notes next time.

W3PWW was host

W4HWT
WA2EJT
KG2CI
N3XON
KJ8L
W1NZR
KD3HT
K1KHP
KW1I

Were all heard and/or talked to.

Anybody want to schedule another T-3 net, or a BC-610
net, or a list net?

I'll be more than willing to let the more experienced
operators do the net control duties.

Thanks,

73

Joe

---------------------------------------------------
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http://mail.yahoo.com/

# 555. Re: [T-368_BC-610] Old Military Radios Net

Yahoo group: T-368_BC-610
Date: 2000-06-26 03:19:22 UTC
From: w7qho@aol.com
Topic: 555  Message: 555

All,

There were times back in the mid-90's when we almost renamed it "The BC-610 & T-368 net." Condx were so horrible that only the guys running the big guns could hear each other! Good bunch of guys who have been running 610s and T3s (and lots of other interesting stuff) for years. Recommend joining in as often as possible.

Dennis D. W7QHO

Original message:
>>
Hi List,

The Old Military Radios Net at 05:00 on Saturday was
well attended but the static was miserable!

I didn't hear any other listers in attendance.

Three T-3's were being used but only one BC-610 was
heard, I'll take more detailed notes next time.

W3PWW was host

W4HWT
WA2EJT
KG2CI
N3XON
KJ8L
W1NZR
KD3HT
K1KHP
KW1I

Were all heard and/or talked to.
<<

# 556. Re: [T-368_BC-610] Old Military Radios Net

Yahoo group: T-368_BC-610
Date: 2000-06-26 03:44:08 UTC
From: Mike B. Feher
Topic: 555  Message: 556

Hello Dennis and all -

Boy I have not checked into the Saturday morning net in years it seems. I still remember when Walt Hutchens and I were talking about starting a military net. Boy, that was a while ago. My T3 died and I got so much stuff in the basement I cannot get to it to fix it. Along with that the R-390A that I use is dead as well and so is the Racal RA-17. And more recently my Collins 32S3 died also. So I have not been on the air much. I do have a Kenwood TS-430S up here in my office and I do get on with that from time to time. Even if I could get to the rigs, my workbench is so full that I cannot use it. I need to have a big hamfest at my QTH. From what a lot of fellows recently told me, I have more stuff here than what there is put all together at some that they have been to recently. They come and haul carloads of stuff away and it does not seem to make much difference. The other Wednesday night I listened in on 7296 at midnight but all I could hear was very strong foreign broadcast. I was hoping to be able to get on there with one of my PRC-70s with the matching AM-201A amplifier, but it does not look too promising. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell NJ, 07731
(732) 901-9193

----- Original Message -----
From: <w7qho@...>
To: <redmenaced@...>; <T-368_BC-610@egroups.com>
Sent: Sunday, June 25, 2000 11:19 PM
Subject: Re: [T-368_BC-610] Old Military Radios Net

> All,
>
> There were times back in the mid-90's when we almost renamed it "The BC-610
> & T-368 net." Condx were so horrible that only the guys running the big guns
> could hear each other! Good bunch of guys who have been running 610s and T3s
> (and lots of other interesting stuff) for years. Recommend joining in as
> often as possible.
>
> Dennis D. W7QHO
>
> Original message:
> >>
> Hi List,

>
> The Old Military Radios Net at 05:00 on Saturday was
> well attended but the static was miserable!
>
> I didn't hear any other listers in attendance.
>
> Three T-3's were being used but only one BC-610 was
> heard, I'll take more detailed notes next time.
>
> W3PWW was host
>
> W4HWT
> WA2EJT
> KG2CI
> N3XON
> KJ8L
> W1NZR
> KD3HT
> K1KHP
> KW1I
>
> Were all heard and/or talked to.
> <<
>
> ---------------------------------------------------------------------
> Get a NextCard Visa, in 30 seconds!
> 1. Fill in the brief application
> 2. Receive approval decision within 30 seconds
> 3. Get rates as low as 2.9% Intro or 9.9% Fixed APR
> http://click.egroups.com/1/5197/6/_/592920/_/961989622/
> ---------------------------------------------------------------------
>
>
>

# 557. Re: [T-368_BC-610] Old Military Radios Net

Yahoo group: T-368_BC-610
Date: 2000-06-26 21:52:52 UTC
From: Joe Foley
Topic: 555  Message: 557

> 
> Boy I have not checked into the Saturday morning net
> in years it seems. I
> still remember when Walt Hutchens and I were talking
> about starting a
> military net. Boy, that was a while ago. My T3 died
> and I got so much stuff
> in the basement I cannot get to it to fix it. Along
> with that the R-390A
> that I use is dead as well and so is the Racal
> RA-17. And more recently my
> Collins 32S3 died also. So I have not been on the
> air much. I do have a
> Kenwood TS-430S up here in my office and I do get on
> with that from time to
> time. Even if I could get to the rigs, my workbench
> is so full that I cannot
> use it. I need to have a big hamfest at my QTH. From
> what a lot of fellows
> recently told me, I have more stuff here than what
> there is put all together
> at some that they have been to recently. They come
> and haul carloads of
> stuff away and it does not seem to make much
> difference. The other Wednesday
> night I listened in on 7296 at midnight but all I
> could hear was very strong
> foreign broadcast. I was hoping to be able to get on
> there with one of my
> PRC-70s with the matching AM-201A amplifier, but it
> does not look too
> promising. 73 - Mike
++++++++
Give me the coordinates of the chair you're sittin so
I can direct the motivational mortar rounds.

Joe

_____
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http://mail.yahoo.com/

# 558. Re: [emn] Important Announcement

Yahoo group: T-368_BC-610
Date: 2000-06-28 21:41:49 UTC
From: Joe Foley
Topic: 558  Message: 558

--- The eGroups Team <support@...> wrote:
>
> Dear eGroups Moderator:
>
> eGroups is very pleased to announce that we are
> joining the Yahoo! family of
> services! To learn more about the announcement, you
> can read the press
> release at
> http://biz.yahoo.com/bw/000628/ca_yahoo.html
>
> As a group moderator, you can assure your group
> members that eGroups and
> Yahoo! will continue to provide the same level of
> service and commitment
> that you have come to expect from both companies.
> We are very excited
> about extending the opportunities and new offerings
> that will emerge
> from this relationship to you and your group. We're
> just beginning to
> explore the possibilities and new features that
> we'll be able to offer
> as a combined company. As we go through this
> process, we pledge to
> solicit your feedback on any proposed changes and
> keep you up-to-date on
> any changes to the eGroups service.
>
> We are committed to sharing accurate and timely
> information with you
> about the service and the merger as it becomes
> available, but at this
> time, we don't have any specific details beyond
> what's included in the
> press release. We will keep you posted, but in the
> meantime, please
> continue to use the service as normal.
>
> Thank you,
>
> The folks at eGroups and Yahoo! Customer Care
>
>

---
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http://mail.yahoo.com/

# 559. BC-610 coils and other stuff on Ebay

Yahoo group: T-368_BC-610
Date: 2000-06-29 00:54:35 UTC
From: Joe Foley
Topic: 559  Message: 559

Check this guy's other listings, too. He has some
neat stuff there.

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=368501548

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=369227224

_____
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http://mail.yahoo.com/

# 560. Re: [T-368_BC-610] BC-610 coils and other stuff on Ebay

Yahoo group: T-368_BC-610
Date: 2000-06-29 01:18:26 UTC
From: Jack Taylor
Topic: 560  Message: 560

Wonder what the definition difference is between "no reserve" and "minimum bid"?

73 de Jack

-----Original Message-----
From: Joe Foley <redmenaced@...>
To: T-368_BC-610@egroups.com <T-368_BC-610@egroups.com>
Date: Wednesday, June 28, 2000 6:54 PM
Subject: [T-368_BC-610] BC-610 coils and other stuff on Ebay

>Check this guy's other listings, too. He has some
>neat stuff there.
>
>http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=368501548
>
>http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=369227224
>
>_____
>Do You Yahoo!?
>Get Yahoo! Mail - Free email you can access from anywhere!
>http://mail.yahoo.com/
>
>---
>Let Internet Call Manager notify you of phone calls while you're surf!
>Never feel rushed to get off-line again. Includes Caller ID and Web
>voicemail. And only $5 per month. Start your FREE trial today!
>http://click.egroups.com/1/6080/6/_/592920/_/962240075/
>---
>
>
>

# 561. Re: [T-368_BC-610] BC-610 coils and other stuff on Ebay

Yahoo group: T-368_BC-610
Date: 2000-06-29 15:08:48 UTC
From: tbigelow@pop.state.vt.us
Topic: 560  Message: 561

To most of us Jack, just the spelling. (:

73, Boomer KA1KAQ

Jack Taylor wrote:

> Wonder what the definition difference is between "no reserve" and "minimum
> bid"?
>

# 562. Re: [T-368_BC-610] BC-610 coils and other stuff on Ebay

Yahoo group: T-368_BC-610
Date: 2000-06-29 15:34:49 UTC
From: Mike B. Feher
Topic: 560  Message: 562

Not true. A lot of times a high opening bid will not get an auction started. It is the psychology of the bidding. A reserve will get it started and will often exceed the reserve because one guy just cannot let the other have it. For example if an item has a minimum starting bid of $500 most people will not bid on the item so it never gets started. If the same item has a $50 staring bid but a reserve then it will in all likelihood get started and continue to grow. In most cases exceeding the reserve. I have placed items on ebay trying both methods and the high minimum bid usually did not work for me. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell NJ, 07731
(732) 901-9193

----- Original Message -----
From: <tbigelow@...>
To: "Jack Taylor" <n7oo@...>
Cc: <T-368_BC-610@egroups.com>; "Joe Foley" <redmenaced@...>
Sent: Thursday, June 29, 2000 11:08 AM
Subject: Re: [T-368_BC-610] BC-610 coils and other stuff on Ebay

> To most of us Jack, just the spelling. (:
>
> 73, Boomer KA1KAQ
>
> Jack Taylor wrote:
>
> > Wonder what the definition difference is between "no reserve" and
"minimum
> > bid"?
> >
>
>
>
>
> ---------------------------------------------------------------------
> Free Conference Calling with Firetalk!
> Click Here!
> http://click.egroups.com/1/5480/6/_/592920/_/962291275/
> ---------------------------------------------------------------------
>
>
>

# 563. Re: [T-368_BC-610] BC-610 coils and other stuff on Ebay

Yahoo group: T-368_BC-610
Date: 2000-06-29 16:23:07 UTC
From: W2ZR@aol.com
Topic: 560  Message: 563

Hi,
I have to agree with Mike completely. That's been my experience too. I

73,
Steve W2ZR

In a message dated 06/29/2000 11:52:42 AM Eastern Daylight Time,
n4fs@... writes:

<< Not true. A lot of times a high opening bid will not get an auction
started.
It is the psychology of the bidding. A reserve will get it started and will
often exceed the reserve because one guy just cannot let the other have it.
For example if an item has a minimum starting bid of $500 most people will
not bid on the item so it never gets started. If the same item has a $50
staring bid but a reserve then it will in all likelihood get started and
continue to grow. In most cases exceeding the reserve. I have placed items
on ebay trying both methods and the high minimum bid usually did not work
for me. 73 - Mike >>

# 564. Re: [Antennas] Antenna tuning Question

Yahoo group: T-368_BC-610
Date: 2000-06-30 21:55:44 UTC
From: Joe Foley
Topic: 564  Message: 564

--- dcckc <dcckc@...> wrote:
> Your actually paying someone to hang #18 gauge wire
> 90' in
> the air doesn't the wind blow at your QTH? never
> mind tuning
> it how do you plan to keep it up there.
> Dave/WB0PKK
++++++++++
Good point!

I used 10 Gauge wire. Don't use plastic pulleys either, the UV radiation will kill them. Use brass and stainless pulleys, the rope can be replaced from the ground but the pulleys are up there for the duration. But you could raise the pulleys by a rope, too.

I use the corner insulators for electric fence as a pulley, they're smooth and the ceramic wears well, not only that but they're cheap at $5 for ten at the farm supply store. If you weave an eye in the rope to hold the insulator by its circumference (the groove is deep enough for a 1/2" rope) then run the haul rope through the hole, the insulator can be tied in the tree and will last years. It might take three at the center, two for the antenna conductors, one to haul the center up with. Then two at each end, one for each conductor/to haul rope, and one for each "pulley-tied-to-the-tree". That's seven and three extra in case Mr. Murphy shows up.

If you can't find anyone who knows how to weave an eye and there are no sailors around ask an electrician.

Joe KG2CI

>
> "I have a series of simple HF dipole/inverted vees
> which
> will be installed
> in a 90' fir tree. Due to many variables (wire
> slope,
> element to element
> interactions, etc.) it's nearly impossible to
> pre-tune the
> antennas before

> installation. Since installation will be
> accomplished by a
> professional
> tree climber, I must devise a simple method of
> allowing him
> to adjust the
> antennas to resonance using my instructions (e.g.
> shorten
> each side of the
> dipole by X inches, etc.). Whatever method I use
> needs to be
> a solder free
> solution as I don't want to rely upon the tree
> climbers
> soldering
> expertise. My original thought was to make all the
> antennas
> slightly long,
> and use a bobbin type of arrangement to roll-up the
> extra
> wire. This still
> causes an issue as the bobbin ends would need to be
> electrically joined
> (soldered or clamped). The antennas are constructed
> of #18
> Copperweld (TM)
> wire.
>
> Any thoughts from the masses?"
>
>
>
>
> ------
> Submissions: antennas@...
>

_____
Do You Yahoo!?
Kick off your party with Yahoo! Invites.
http://invites.yahoo.com/

# 565. Re: [T-368_BC-610] Re: [Antennas] Antenna tuning Question

Yahoo group: T-368_BC-610
Date: 2000-06-30 22:05:11 UTC
From: Mike B. Feher
Topic: 565  Message: 565

My inverted vee is 70 feet at the center and is 145 feet on either side made out of solid #6 copper. I feed it with home made ladder line with 6 " spacing. I also have a steel pulley up at top and steel stranded cable going to the pulley. Never needed to use the pulley and never had a problem with the system either. It has been up about 4 years. Works great. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell NJ, 07731
(732) 901-9193

----- Original Message -----
From: "Joe Foley" <redmenaced@...>
To: <antennas@...>; <T-368_BC-610@egroups.com>
Sent: Friday, June 30, 2000 5:55 PM
Subject: [T-368_BC-610] Re: [Antennas] Antenna tuning Question

> 
> --- dcckc <dcckc@...> wrote:
> > Your actually paying someone to hang #18 gauge wire
> > 90' in
> > the air doesn't the wind blow at your QTH? never
> > mind tuning
> > it how do you plan to keep it up there.
> > Dave/WB0PKK
> ++++++++++
> Good point!
> 
> I used 10 Gauge wire. Don't use plastic pulleys
> either, the UV radiation will kill them. Use brass
> and stainless pulleys, the rope can be replaced from
> the ground but the pulleys are up there for the
> duration. But you could raise the pulleys by a rope,
> too.
> 
> I use the corner insulators for electric fence as a
> pulley, they're smooth and the ceramic wears well, not
> only that but they're cheap at $5 for ten at the farm
> supply store. If you weave an eye in the rope to hold
> the insulator by its circumference (the groove is deep
> enough for a 1/2" rope) then run the haul rope through
> the hole, the insulator can be tied in the tree and
> will last years. It might take three at the center,
> two for the antenna conductors, one to haul the center
> up with. Then two at each end, one for each
> conductor/to haul rope, and one for each

> "pulley-tied-to-the-tree". That's seven and three
> extra in case Mr. Murphy shows up.
>
> If you can't find anyone who knows how to weave an eye
> and there are no sailors around ask an electrician.
>
> Joe KG2CI
>
>
> >
> > "I have a series of simple HF dipole/inverted vees
> > which
> > will be installed
> > in a 90' fir tree. Due to many variables (wire
> > slope,
> > element to element
> > interactions, etc.) it's nearly impossible to
> > pre-tune the
> > antennas before
> > installation. Since installation will be
> > accomplished by a
> > professional
> > tree climber, I must devise a simple method of
> > allowing him
> > to adjust the
> > antennas to resonance using my instructions (e.g.
> > shorten
> > each side of the
> > dipole by X inches, etc.). Whatever method I use
> > needs to be
> > a solder free
> > solution as I don't want to rely upon the tree
> > climbers
> > soldering
> > expertise. My original thought was to make all the
> > antennas
> > slightly long,
> > and use a bobbin type of arrangement to roll-up the
> > extra
> > wire. This still
> > causes an issue as the bobbin ends would need to be
> > electrically joined
> > (soldered or clamped). The antennas are constructed
> > of #18
> > Copperweld (TM)
> > wire.
> >
> > Any thoughts from the masses?"
> >
> >

> >
> >
> > ------
> > Submissions: antennas@...
> >
>
>
> _____
> Do You Yahoo!?
> Kick off your party with Yahoo! Invites.
> http://invites.yahoo.com/
>
> ---
> Free Conference Calling with Firetalk!
> Click Here!
> http://click.egroups.com/1/5480/6/_/592920/_/962402145/
> ---
>
>
>

# 566. Bow and Arrow method

Yahoo group: T-368_BC-610
Date: 2000-06-30 22:51:14 UTC
From: Joe Foley
Topic: 566  Message: 566

Guys,

Lets not do the Bow-and-Arrow method.

Consider: when the string gets fouled, and that can
happen easily even with a fishing reel, the arrow will
come back in the same line it left at only it will be
coming back point first!!

Ask me how I know.

I stepped out of the way, very quickly! Thank God it
was a Judo point.

Joe

_____
Do You Yahoo!?
Kick off your party with Yahoo! Invites.
http://invites.yahoo.com/

# 567. THAT'S IT....

Yahoo group: T-368_BC-610
Date: 2000-06-30 23:15:03 UTC
From: Joe Foley
Topic: 567  Message: 567

All right!

Listen up!

Anyone not on the air in one hour is a total DORK!!!!!

Joe

---
Do You Yahoo!?
Kick off your party with Yahoo! Invites.
http://invites.yahoo.com/

# 568. This one will make you sick!

Yahoo group: T-368_BC-610
Date: 2000-06-30 23:16:42 UTC
From: Joe Foley
Topic: 568  Message: 568

This guy found this in a house he bought?!?!?!

Item #371108475

---------------------------------------------------
Do You Yahoo!?
Kick off your party with Yahoo! Invites.
http://invites.yahoo.com/

# 569. Re: [T-368_BC-610] This one will make you sick!

Yahoo group: T-368_BC-610
Date: 2000-06-30 23:43:29 UTC
From: plmills@attglobal.net
Topic: 569  Message: 569

Probably,

I was talking to a fellow ham on the 2 meter repeater a few
years ago and he was telling me about the big black transmitter
that he left in the garage of the house he sold because he
didn't know what to do with it. No, I did not kill him but
I did harbor malicious thoughts :-)

Frankly, I'll bet this scenario occurs more often than
we suspect.

73,
Phil

> Joe Foley wrote:
>
> This guy found this in a house he bought?!?!?!
>
> Item #371108475
>
> _____
> Do You Yahoo!?
> Kick off your party with Yahoo! Invites.
> http://invites.yahoo.com/
> ---
>
> [Image]
>
> [Image]
>
> [Image]
> ---

# 570. Old Military Radio Net

Yahoo group: T-368_BC-610
Date: 2000-07-01 01:42:18 UTC
From: Joe Foley
Topic: 570  Message: 570

Don'r forget that the Old Military Radio Net is
Saturday morning at 0500.

C'mon guys, turn your transmitter on.

Joe

---
Do You Yahoo!?
Kick off your party with Yahoo! Invites.
http://invites.yahoo.com/

# 571. Re: [T-368_BC-610] Old Military Radio Net

Yahoo group: T-368_BC-610
Date: 2000-07-01 04:12:01 UTC
From: James M. Walker
Topic: 571  Message: 571

Hey Joe,
about 11:30 local time here at WB2FCN REAL RADIO IN BUFFALO, listening
to you and KC8LII on 80 meters.

Good signal here in Buffalo as follows:
Antenna 158 ft. end fed long wire 40 ft up, tuned with Johnson matchbox,
RX #1 SP-600-JX-17 40 DB over S9
RX #2 Drake R4C 20 -30 DB over S9
RX #3 Heathkit SB-303 (AM) 30 DB over S9
Great sound here T-368 is working Good.

73 DE Jim WB2FCN

Joe Foley wrote:

> Don'r forget that the Old Military Radio Net is
> Saturday morning at 0500.
>
> C'mon guys, turn your transmitter on.
>
> Joe
>
> _____
> Do You Yahoo!?
> Kick off your party with Yahoo! Invites.
> http://invites.yahoo.com/
>
> ---
> Visit Ancestry.com for a FREE 14-Day Trial and find your ancestors now.
> Search over 550 million names and trace your family tree today. Click here:
> http://click.egroups.com/1/5528/6/_/592920/_/962415739/
> ---

# 572. Results of last night's challenge

Yahoo group: T-368_BC-610
Date: 2000-07-01 15:21:25 UTC
From: Joe Foley
Topic: 572  Message: 572

Well, no one from this list was heard last night, you know what that means!!

There was, however, one response stating that I was heard on 75/80 mtrs, so at least I won't suffer that same fate.

We just signed up two more list subscribers to bring us up to 56!

There are a bunch of operators on the air that have T-368's and BC-610's that don't know about this list, some are getting their rigs operational, others have been using theirs for years, we could help each other. We all know about digging for parts!

It sure would be great if we had more people operating that are from this list, I'd like to talk to you guys.

Can we actually talk from NY to SC to FL? Do we even want to try to get to 7 land? I heard 5's on last night that came in OK, but didn't get to contact them.

How 'bout to night?

73

Joe

_____
Do You Yahoo!?
Kick off your party with Yahoo! Invites.
http://invites.yahoo.com/

# 573. Possible T-368 for sale in MI

Yahoo group: T-368_BC-610
Date: 2000-07-02 17:19:03 UTC
From: Joe Foley
Topic: 573  Message: 573

Last night's QSO's found a possible sale of a T-368 if anyone's interested. Its reported to be in very good shape and is in Michigan. I didn't talk to the owner, just to someone who thinks it might be for sale. This was from Mike N8ECR.

Joe

---
Do You Yahoo!?
Kick off your party with Yahoo! Invites.
http://invites.yahoo.com/

# 574. Re: [T-368_BC-610] This one will make you sick!

Yahoo group: T-368_BC-610
Date: 2000-07-03 14:35:16 UTC
From: tbigelow@pop.state.vt.us
Topic: 569  Message: 574

I can attest to the fact that it still does. It's amazing how many people have things they just want out of their way. I've missed a few, but I've managed to save many more. Currently there's a surplus 2 mtr 6' rack rig in a guy's basement I need to go retreive.

Have pickup and appliance dolly, will travel...

73, Boomer KA1KAQ

plmills@... wrote:

> Probably,
>
> I was talking to a fellow ham on the 2 meter repeater a few
> years ago and he was telling me about the big black transmitter
> that he left in the garage of the house he sold because he
> didn't know what to do with it. No, I did not kill him but
> I did harbor malicious thoughts :-)
>
> Frankly, I'll bet this scenario occurs more often than
> we suspect.
>
> 73,
> Phil
>
> > Joe Foley wrote:
> >
> > This guy found this in a house he bought?!?!?!
> >
> > Item #371108475
> >
> > _____
> > Do You Yahoo!?
> > Kick off your party with Yahoo! Invites.
> > http://invites.yahoo.com/
> > ---
> >
> > [Image]
> >
> > [Image]
> >
> > [Image]
> > ---
>
> ---
> Have you seen this one yet?

> http://click.egroups.com/1/6015/6/_/592920/_/962408649/
> ---------------------------------------------------------------------

# 575. RE: [T-368_BC-610] This one will make you sick!

Yahoo group: T-368_BC-610
Date: 2000-07-03 14:37:45 UTC
From: Trevor Lewis
Topic: 569  Message: 575

the biggest item I ever fell into that someone was
looking to clear out was a nice clean little ARC 5
receiver; I keep wishing I'd trip over a KW-1 or what
have you. . . I suppose that by far the most important
thing is that these items remain in circulation, use
and appreciation by those who know and can care for
them-- rather than the dreaded fate of being ignorantly
sold off as scrap or the like

-----Original Message-----
From: tbigelow@... [mailto:tbigelow@...]
Sent: Monday, July 03, 2000 10:35 AM
To: plmills@...
Cc: Joe Foley; r-390@...; T-368_BC-610@egroups.com
Subject: Re: [T-368_BC-610] This one will make you sick!

I can attest to the fact that it still does. It's amazing how many people
have things they just want out of their way. I've missed a few, but I've
managed to save many more. Currently there's a surplus 2 mtr 6' rack rig in
a guy's basement I need to go retreive.

Have pickup and appliance dolly, will travel...

73, Boomer KA1KAQ

plmills@... wrote:

> Probably,
>
> I was talking to a fellow ham on the 2 meter repeater a few
> years ago and he was telling me about the big black transmitter
> that he left in the garage of the house he sold because he
> didn't know what to do with it. No, I did not kill him but
> I did harbor malicious thoughts :-)
>
> Frankly, I'll bet this scenario occurs more often than
> we suspect.
>
> 73,
> Phil
>
> > Joe Foley wrote:
> >
> > This guy found this in a house he bought?!?!?!
> >
> > Item #371108475

> >
> > _____
> > Do You Yahoo!?
> > Kick off your party with Yahoo! Invites.
> > http://invites.yahoo.com/
> > ---------------------------------------------------------------------
> >
> > [Image]
> >
> > [Image]
> >
> > [Image]
> > ---------------------------------------------------------------------
>
> ---------------------------------------------------------------------
> Have you seen this one yet?
> http://click.egroups.com/1/6015/6/_/592920/_/962408649/
> ---------------------------------------------------------------------

---

Life's too short to send boring email. Let SuperSig come to the rescue.
http://click.egroups.com/1/6137/6/_/592920/_/962634831/

---

[Non-text portions of this message have been removed]

# 576. new member

Yahoo group: T-368_BC-610
Date: 2000-07-03 14:49:16 UTC
From: Roy Longworth
Topic: 576  Message: 576

Thanks for letting me join the group.
I have a BC-610 model I, serial # 261, and the BC-614,S/N 608.The location is Petoskey MI, and in the Winter I go South and have T-368 , the S/N I am not sure as I am not there at the moment.
The T-368 works great, but I acquired the BC-610 earlier this year and am having trouble getting it to work.
When I load the unit into the ME-165G power meter on low voltage, I can get about 100 watts out at the 100 MA plate current, but when I go to High Voltage I can not get the plate current over 150 MA unless I increase the coil into the TANK coil.
When I do increase the loading to 250 MA ,by changing the loading coil position, I get 300-350 watts out.
The problem is that when I modulate , the plate current decreases and the power on the ME-165G decreases.
I have checked both the grid current , drive , and the negative voltage on the grid of the 250TH......they are all as the manual says.....does any one have suggestions to correct this problem? I dont have a spare 250TH to see if that is the cause.
Appreciate any suggestions.
Roy w9qm

_____
Get Your Private, Free E-mail from MSN Hotmail at http://www.hotmail.com

# 577. Auction Funnies

Yahoo group: T-368_BC-610
Date: 2000-07-03 21:18:46 UTC
From: Joe Foley
Topic: 577  Message: 577

!!W@W!! They must be !!RARE!!

Only $20! He must be crazy, lets take advantage of
him and bid against each other, will raise the bid to
something realistic.

They're used so I know they work. Maybe the audio
response is better with these vintage caps. They
don't make them like THAT anymore!

I just had to !L@@K! at what else he had to sell. You
missed the roll of 12 gauge wire starting at $80!

--- Norman Ryan <nryan@...> wrote:
> Hi Joe,
>
> Since you have so kindly pointed out eBay items of
> interest to the group,
> it seems only fitting for you to get a special
> notice on an item.
>
>
http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=373374296
>
> Notice how conveniently leads have been pre-trimmed.
> Worth flying in all
> the way from Hong Kong at this bargain price?
>
> 73...
> Norman

_____
Do You Yahoo!?
Kick off your party with Yahoo! Invites.
http://invites.yahoo.com/

# 578. Re: [R-390] Re: [T-368_BC-610] This one will make you sick!

Yahoo group: T-368_BC-610
Date: 2000-07-03 21:35:10 UTC
From: Joe Foley
Topic: 578  Message: 578

```
--- Todd Bigelow - PS <tbigelow@...>
wrote:
> I can attest to the fact that it still does. It's
> amazing how many people
> have things they just want out of their way. I've
> missed a few, but I've
> managed to save many more. Currently there's a
> surplus 2 mtr 6' rack rig in
> a guy's basement I need to go retreive.
>
> Have pickup and appliance dolly, will travel...
+++++++
Don't forget the industrial/commercial places that do
that, too. And then there's the schools, sometimes
they have NO idea what the stuff is. That's where I
get most of my good stuff!

Joe

_____________________________________________
Do You Yahoo!?
Kick off your party with Yahoo! Invites.
http://invites.yahoo.com/
```

# 579. Re:[T-368_BC-610] Auction Funnies

Yahoo group: T-368_BC-610
Date: 2000-07-03 22:35:25 UTC
From: Bill Shaw
Topic: 579  Message: 579

Wow ...I have a fortune in a large box in the workshop and They are new
Sprague 160P cap 0.1MFD 400V caps. Wonder if I keep them another 20 years
if they will double in worth?
:-) :-) :-) Have a nice 4th, Bill W2HYN

Joe Foley wrote:
!!W@W!! They must be !!RARE!!

Only $20! He must be crazy, lets take advantage of
him and bid against each other, will raise the bid to
something realistic.

They're used so I know they work. Maybe the audio
response is better with these vintage caps. They
don't make them like THAT anymore!

I just had to !L@@K! at what else he had to sell. You
missed the roll of 12 gauge wire starting at $80!

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=373374296

# 580. Re: [BoatAnchors] R.N.L.I. RECEIVER TYPE 43

Yahoo group: T-368_BC-610
Date: 2000-07-05 00:01:22 UTC
From: Joe Foley
Topic: 580  Message: 580

Just the thing for that T-368!!

--- "Howard L Ritter, Jr" <hlritter@...>
wrote:
>
>
> Hello All,
>
> While living in Seattle about 10-12 years ago I
> managed to get on the air a
> few times with an old Teletype? machine, a Model 32
> as best I understand. I
> have also a Model 33 with a telephone handset modem
> and a Model 35
> teleprinter. Finally, I have somehow accumulated one
> bare Model 37 head and
> yet another Model 37 in an operating desk with some
> associated electronics.
> All seemed at one time to be in fairly good
> operating condition (except
> unknown in the case of the 35), although over the
> years they have suffered
> some superficial damage to the plastic covers and
> the glass. Unfortunately
> my situation usually has not allowed these machines
> a place in the house,
> and given my lack of time to tinker with them and
> try to have them on the
> air, they've mostly lived in storage. My XYL has
> been very tolerant of my
> reluctance to junk these old warhorses, but we're in
> a new house now, the
> space allotted for my shack in the
> soon-to-be-finished basement won't
> accommodate all of them, and I am under advisement
> from the Chancellor of
> the Exchequer that the rented storage locker will
> cease to be a defensible
> expenditure in the VERY near future....
>
> I am open to offers to come and get any or (almost)
> all of them by
> individuals who would be able to put them to good
> use, or at least display
> them for visual enjoyment (a good use in itself). I

> would prefer a response
> from someone who would be interested in a purchase,
> but failing that, they'd
> be available to the first person who shows up at my
> front door and offers to
> give them a good home. Oh, yes, I also have some
> original manuals that I
> managed to cabbage from some sympathetic and helpful
> individual at Teletype
> Corp 'way back when.
>
> Depending on what anyone on the list may have to
> recommend regarding the
> potential use of the 37s on the air, I do plan to
> keep at least one of them,
> if only for display alongside my R-390A as a
> pinnacle of electromechanical
> engineering.
>
> Reply on the list OK.
>
> Thanks,
>
> Howard Ritter N7EXN
> Whitehouse, OH (nr Toledo)
>
>
> ---
> List Owner: Duane Fischer W8DBF For Assistance:
> dfischer@...
> ---
> This list is sponsored by Sandhills Technical
> Service, Inc.
> Complete service on vintage equipment and more!
> Find out about our services at:
> http://www.qsl.net/n4kvp/
>

---------------------------------------------------
Do You Yahoo!?
Kick off your party with Yahoo! Invites.
http://invites.yahoo.com/

# 581. T-368 Registry 7/5/00

Yahoo group: T-368_BC-610
Date: 2000-07-05 10:51:34 UTC
From: W2ZR@aol.com
Topic: 581  Message: 581

W2ZR w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI redmenaced@...
Bendix T-368 E #160
contract 3219-PP-59

WF2U mbendror@...
B&W T-368E #628
contract 15117-PP-62

W8KXR jtone@...
B&W T-368C #216
contract 43056-P-55

Bendix T-368C #209
contract 3219-PP-59

W4WSZ bobm@...
Stromberg-Carlson T-368D #161

KF2JQ jprusso@...
(awaiting details)

WB3FAU wb3fau@...
Oneida T-368F #192
contract 15498-PP-63

KA3OTT kazott@...
B&W T-368C #018
contract 43056-P-56

KW1I Dale.Gagnon@...
AMF T-368A #62
contract 25209-PHILA-54

W3NP daveh@...
B&W T-368E #575
contract 15117-PP-62

KD1YT tlewis@...
B&W T-368E #27
contract 15117-PP-62
overhauled at Pirmasens Army Depot

KX4R kx4rgc@...
Crosley T-368C #560
contract 21316-PH-56

WB6DXR lesterw@...
B&W T-368 #18
contract 25633-Phila-53

W2HU reid.j.hagan@...
T-368 #138
(awaiting details)

W7QHO w7qho@...
B&W T-368 #129
contract 25633-PHILA-53

Crosley T-368C #237
contract 28459-PH-55

K2AUS w.d.gallagher@...
TRW T-368F #303
contract 14527(E)

N4FS n4fs@...
TRW T-368F #261
contract 14527(E)

WA1QHQ mark.donaldson@...
B&W T-368 #32
contract 25070-Phila-54

AE4IN ae4in@...
Daystrom T-368C #46
contract 28597-Phil-55

W5BVB plmills@...
Oneida T-368F #19
contract 15498-PP-63

N4KIA pradams@...
Crosley T-368C #275
contract 28459-PH-55

N2BC n2bc@...
T-368C

K4BVQ PHollifield@...
Bendix T-368E #118
contract 3219-PP-59
overhauled at Pirmasens Army Depot

KF4TP olaf@...
TRW T-368F #190
contract 14527(E)

KE7KK ke7kk@...
Stromber-Carlson T-368D #33

W9QM r_longworth@...
T-368
(awaiting details)

# 582. URM-25D w/toys on Ebay

Yahoo group: T-368_BC-610
Date: 2000-07-07 15:23:46 UTC
From: Joe Foley
Topic: 582  Message: 582

Its at $50 so far.

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=373102034

---------------------------------------------------
Do You Yahoo!?
Send instant messages & get email alerts with Yahoo! Messenger.
http://im.yahoo.com/

# 583. Old Military Radios Net

Yahoo group: T-368_BC-610
Date: 2000-07-09 02:11:48 UTC
From: Joe Foley
Topic: 554  Message: 583

This morning's Net was dismal!

Terrible conditions!

N3RZU
W1NZR
WA2TUM
N3XON
WP2JWU
W1NZR
AJ1G
KJ8L

I couldn't hear them all but heard their calls from
the net control, and he was fading in and out.

BUT, the mighty T-3 made it through! That's what they
were built for!

---
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http://mail.yahoo.com/

# 584. Re: [T-368_BC-610] Results of last night's challenge

Yahoo group: T-368_BC-610
Date: 2000-07-12 04:31:00 UTC
From: Gene G. Beckwith
Topic: 584  Message: 584

Joe Foley wrote:
>
> Well, no one from this list was heard last night, you
> know what that means!!
>
> There was, however, one response stating that I was
> heard on 75/80 mtrs, so at least I won't suffer that
> same fate.
>
> We just signed up two more list subscribers to bring
> us up to 56!
>
> There are a bunch of operators on the air that have
> T-368's and BC-610's that don't know about this list,
> some are getting their rigs operational, others have
> been using theirs for years, we could help each other.
> We all know about digging for parts!
>
> It sure would be great if we had more people operating
> that are from this list, I'd like to talk to you guys.
>
> Can we actually talk from NY to SC to FL? Do we even
> want to try to get to 7 land? I heard 5's on last
> night that came in OK, but didn't get to contact them.
>
> How 'bout to night?
>
> 73
>
> Joe
>
> _____
> Do You Yahoo!?
> Kick off your party with Yahoo! Invites.
> http://invites.yahoo.com/
>
> ---
> Attach an entire folder of files to one email message?
> Yes! With ezAttach from FilePool.com
> http://click.egroups.com/1/6079/6/_/592920/_/962464885/
> ---

Hi Joe and T-368 Gang,

Here I am again...have been on the run most of the spring and summer so far...just got back from Batavia where I missed the 'fest'...date got changed and I missed the signal...that's ok its this weekend...although I won't be able to attened...its about five and a half hour drive...not too bad but wife can't get more time off...not to worry...more fests coming up...and we did get a chance to spend time with Missy Marilyn's Dad at the VA hospital...

Re the T-3...progress is slow, but 160 dipole is finished, and am planning and digging for the parts for the turner...got to bolt it together and see if I can tune the monster on 160 as I hope for...

work on station slow these weeks due so much else..but the battle continues with variac added to my vallient II for slow start, the HT-33B cleaned of the odd relays and othe stuff that was in it when I got it in Rochester, and my ST Julien's Blue Striper Number 2 is nearly ready to put in its case for some real life action on the ham bands...Gosh I love those receivers!!

Hope all is well with you and the T-3 Gang...will soon start to dig hole for the tower...but, ran out of energy tonight ... was at work by 0600 for a multi hour stint in one of our analysis labs...and so real short of sleep...will charge my batteries and then get back at the projects!!!

73, and still planning on 160 if I can get to the tuner...nobody seems to make one commercially for a half kilo balanced feeder that covers the 160 band...at least nothing that looks and weighs in like a real radio...Soooo, what is one to do? Got make it my self...

agn, 73,

Gene

Oh, and one final note...am going to add a 120vac line across the T/R relay and bring it out through the pack panel...this to control exteranl multi contact relay for rcvr mute and any thing else that needs to be swithhed on xmit...e.g., muting additional receivers if they are guarding other freqs and maybe turn fan on and off..

G

# 585. Auctionthingybay

Yahoo group: T-368_BC-610
Date: 2000-07-15 01:39:48 UTC
From: Joe Foley
Topic: 585  Message: 585

Item #382129402 Its got one of those tuning eyes with
the hood on it, cool. I think its a coil and cap
tester.

Also, there's two TV-4 tube testers. R@RE!! W@W!!
L@@K!!

Joe

_____
Do You Yahoo!?
Get Yahoo! Mail ? Free email you can access from anywhere!
http://mail.yahoo.com/

# 586. List news?

Yahoo group: T-368_BC-610
Date: 2000-07-15 02:13:26 UTC
From: Joe Foley
Topic: 586  Message: 586

Don't forget the Old Military Radios Net on 3885 MHz
at 0500 tomorrow morning,..... yawn!

Conditions are usually terrible and the solar storm
promises no improvements. But you never know maybe
your MIGHTY T-368 or BC-610 will prevail.

The list has grown to 61 members now and next month we
will have had this list going for one year!

The Batavia, NY hamfest is tomorrow if you can make
it, its raining in NY now and is supposed to be then,
too, so be prepared for that.

No news on the BC-610 registry yet, but the T-368
registry is growing steadily.

73

Joe KG2CI

_____
Do You Yahoo!?
Get Yahoo! Mail ? Free email you can access from anywhere!
http://mail.yahoo.com/

# 587. Tubes on E-bay

Yahoo group: T-368_BC-610
Date: 2000-07-16 00:48:20 UTC
From: Joe Foley
Topic: 587  Message: 587

Hey stuff we need!

100TH's, 250TH, 4D21.

http://cgi6.ebay.com/aw-cgi/eBayISAPI.dll?ViewListedItems&userid=gator@...&include=0&since=-1&sort=2&rows=25

_____
Do You Yahoo!?
Get Yahoo! Mail ? Free email you can access from anywhere!
http://mail.yahoo.com/

# 588. You need this!

Yahoo group: T-368_BC-610
Date: 2000-07-16 02:33:32 UTC
From: Joel Cumberland
Topic: 588  Message: 588

S144, ANGRC-46B SHELTER on ebay, good price too.

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=382551606

Joel N3EYR

# 589. Re: [T-368_BC-610] You need this!

Yahoo group: T-368_BC-610
Date: 2000-07-16 03:08:51 UTC
From: Joe Foley
Topic: 589  Message: 589

--- Joel Cumberland <joel@...> wrote:
> S144, ANGRC-46B SHELTER on ebay, good price too.
>
>
http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=382551606
>
> Joel N3EYR
++++++++++++
Someone signed onto the list yesterday looking for
that type of unit!

Did you check this guy's "other auctions" yet?

Joe

_____
Do You Yahoo!?
Get Yahoo! Mail ? Free email you can access from anywhere!
http://mail.yahoo.com/

# 590. Hamfest rained out!

Yahoo group: T-368_BC-610
Date: 2000-07-18 01:16:21 UTC
From: Joe Foley
Topic: 590  Message: 590

We've had 5" or more of rain here in Western New York
this week and the Batavia Hamfest wasn't spared! What
a gusher!

I got there about noon, right after everybody else
left!!

They must have bugged out in a hurry, too. They
didn't even leave any junk to pick over!!

Joe

_____
Do You Yahoo!?
Get Yahoo! Mail ? Free email you can access from anywhere!
http://mail.yahoo.com/

# 591. TV-10 Tube tester on E-bay

Yahoo group: T-368_BC-610
Date: 2000-07-18 03:18:39 UTC
From: Joe Foley
Topic: 591  Message: 591

If anyone's interested there's a nice looking TV-10 on
that auciton thing. They've got 150+ testers!! A
bunch of them are military.

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=383506728

_____
Do You Yahoo!?
Get Yahoo! Mail ? Free email you can access from anywhere!
http://mail.yahoo.com/

# 592. TV-2 Tube tester on E-bay

Yahoo group: T-368_BC-610
Date: 2000-07-19 21:38:27 UTC
From: Joe Foley
Topic: 592  Message: 592

MIght go cheap, it doesn't come up on a search for
TV-2's

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=382679405

_____
Do You Yahoo!?
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http://mail.yahoo.com/

# 593. Hamfest info?

Yahoo group: T-368_BC-610
Date: 2000-07-23 16:12:51 UTC
From: Joe Foley
Topic: 593  Message: 593

Does anyone have any information on the Ithaca, NY
hamfest coming up in August?

Joe

_____
Do You Yahoo!?
Get Yahoo! Mail ? Free email you can access from anywhere!
http://mail.yahoo.com/

# 594. Tank coil for T-368 on E-bay again

Yahoo group: T-368_BC-610
Date: 2000-07-23 21:14:50 UTC
From: Joe Foley
Topic: 594  Message: 594

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=386097745

_____
Do You Yahoo!?
Get Yahoo! Mail ? Free email you can access from anywhere!
http://mail.yahoo.com/

# 595. Uh Oh, TV-10 going off shore to ASIA

Yahoo group: T-368_BC-610
Date: 2000-07-24 19:54:00 UTC
From: Joe Foley
Topic: 595  Message: 595

Yes, auction fans, there's a fight over this one!

Some guy named chweepong's got it up to $370, very
little time left.

That's a TV-10 tube tester, do a search for tube tester.

---
Do You Yahoo!?
Get Yahoo! Mail ? Free email you can access from anywhere!
http://mail.yahoo.com/

# 596. Fwd: T-368 exciter available

Yahoo group: T-368_BC-610
Date: 2000-07-25 00:16:59 UTC
From: W2ZR@aol.com
Topic: 596  Message: 596

[Non-text portions of this message have been removed]

# 597. Re: [MilSurplus] BC 610 Tuning Units

Yahoo group: T-368_BC-610
Date: 2000-07-27 18:27:49 UTC
From: Joe Foley
Topic: 597  Message: 597

E-mail Chuck Grossman, I don't have any of these.

--- GROSSMANCR@... wrote:
> Just found a box of 11 tuning units.
>
> 2 - #47 2.0 - 2.25
> 2 - #48 2.5 - 3.2
> 1 - #49 3.2 - 4.0
> 3 - #50 4.0 - 5.0
> 2 - #51 5.0 - 6.35
> 1 - #52 6.35 - 8.0
>
> Best offer for all eleven. Pick up in Nashville,
> TN. S & H extra.
>
> Chuck WB4LBE
>
> ---
> Submissions milsurplus@...

_____
Do You Yahoo!?
Kick off your party with Yahoo! Invites.
http://invites.yahoo.com/

# 598. One we've beenlooking for!

Yahoo group: T-368_BC-610
Date: 2000-07-29 00:01:01 UTC
From: Joe Foley
Topic: 598  Message: 598

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=393797587

_____
Do You Yahoo!?
Kick off your party with Yahoo! Invites.
http://invites.yahoo.com/

# 599. This needs consideration.

Yahoo group: T-368_BC-610
Date: 2000-08-02 21:24:36 UTC
From: Joe Foley
Topic: 599  Message: 599

--- Brandon Kunicki <c322348@...> wrote:
> And you'll have to pay for it yourself!
>
> "H.R.4205- Floyd D. Spence National Defense
> Authorization Act for Fiscal Year 2001"
>
> My interpretation is that you could build a Military
> Radio/HMMWV/Deuce-and-a-half/M151/Airplane from
> wrecked parts...anything on the list of Significant
> Military Equipment and be forced to demil
> it....regardless of whether it was demilled when you
> bought it- you would now have to demil it again!
>
> I sure would like to know what other collectors
> think
> about this... And who's Floyd D. Spence anyhow????
>
> SEC. 361. AUTHORITY TO ENSURE DEMILITARIZATION OF
> SIGNIFICANT MILITARY EQUIPMENT FORMERLY OWNED BY THE
> DEPARTMENT OF DEFENSE.
>
>
http://thomas.loc.gov/cgi-bin/query/D?c106:2:./temp/~c106LVJkZf:e115153:
>
> `(a) AUTHORITY TO REQUIRE DEMILITARIZATION- The
> Secretary of Defense may require any person in
> possession of significant military equipment
> formerly
> owned by the Department of Defense--
>
> `(1) to demilitarize the equipment,
>
> `(2) to have the equipment demilitarized by a third
> party; or
>
> `(3) to return the equipment to the Government for
> demilitarization.
>
> `(b) COST AND VALIDATION OF DEMILITARIZATION- When
> the
> demilitarization of significant military equipment
> is
> carried out by the person in possession of the
> equipment pursuant to paragraph (1) or (2) of
> subsection (a), the person shall be solely

> responsible
> for all demilitarization costs, and the United
> States
> shall have the right to validate that the equipment
> has been demilitarized.
>
> Section 2573:
>
>
http://thomas.loc.gov/cgi-bin/query/D?c106:2:./temp/~c106LVJkZf:e115496:
>
> `(f) DEFINITION OF SIGNIFICANT MILITARY EQUIPMENT-
> In
> this section, the term `significant military
> equipment' means--
>
> `(1) an article for which special export controls
> are
> warranted under the Arms Export Control Act (22
> U.S.C.
> 2751 et seq.) because of its capacity for
> substantial
> military utility or capability, as identified on the
> United States Munitions List maintained under
> section
> 121.1 of title 22, Code of Federal Regulations; and
>
> `(2) any other article designated by the Department
> of
> Defense as requiring demilitarization before its
> disposal.'.
>
>
>
> _____
> Do You Yahoo!?
> Kick off your party with Yahoo! Invites.
> http://invites.yahoo.com/
>
> ===Mil-Veh is a member-supported mailing list===
> To unsubscribe, send e-mail to:
> <mil-veh-off@...>
> To switch to the DIGEST mode, send e-mail to
> <mil-veh-digest@...>
> To reach a human, contact <help@...>

_____
Do You Yahoo!?
Kick off your party with Yahoo! Invites.
http://invites.yahoo.com/

# 600. Update to "considerations"

Yahoo group: T-368_BC-610
Date: 2000-08-02 21:26:18 UTC
From: Joe Foley
Topic: 600  Message: 600

--- Glenn <dogstar918@...> wrote:
> Hi List
> I am not a lawyer by any means and wading through
> all the legalese is time
> consuming, but what I have come up with is as
> follows:
>
>
> 1. Rep. Floyd Spence of SC filed a bill along with
> other sponsors in the
> House Armed Services Comm. for the regular DOD
> appropriations for 2001.
>
> 2. It is listed as H4205. It has been working its
> way through the House for
> a while and has now passed.
>
> 3. Within H4205 is Title III, Subtitle G, Sec. 361
> et al. To read it for
> yourself go to www.congress.org and click
> legislation, enter H4205 and look
> through it. The easiest version to look through is
> version 2.
>
> 4. These sections allow and require that the
> Secretary of Defense or
> designee provide a list of all property that was
> once owned by the DOD,
> which was EITHER on the SME list (Significant
> Military Equipment, as almost
> all trucks, jeeps, radios, etc are) or the DRMO
> demil list past or present.
> The authority is granted under this law to require
> that all such items in
> private hands either be returned to the DRMO for
> dimilling again or in the
> 1st place or be demilled where it is and be
> inspected by a government agent
> and certified as being destroyed. Further it
> empowers the government to
> invalidate any prior legitimate sale of such items,
> provide the owner with
> an amount of compensation deemed reasonable by the
> DOD, confiscate the item
> and demil it. There is more to this and one should

> read it for themselves
> but this is a short synopsis.
>
> 5. After being passed by the House last week it was
> forwarded to the Senate
> for ratification. The Senate amended the bill
> heavily and it is now listed
> as S2550. The language we fear is apparently as far
> as I can see removed.
> However it is not over.
>
> 6. The House refused to agree to the Senate version
> on Friday and the bill
> is now going into a House Senate Conference Comm. to
> come up with a version
> both can agree on prior to being sent to the
> President to be signed into
> LAW.
>
> 7. Due to the need for the money sections of the
> bill, it is on the FAST
> track.
>
> Sorry for the long post but this whole thing is the
> most dangerous thing I
> have seen come along in my 30 years of Historic
> Military Vehicle Collecting
> and is an outrage. I have already contacted my
> Senators about this and I
> would say that others should do what they think is
> best also. I was
> informed that this is a response by certain paranoid
> legislators who are
> attempting to get at what they believe is the
> militia danger. Rubbish.
>
>
> Glenn Shaw MVPA
> ----- Original Message -----
> From: Thomas Gould <ARMOR-1@...>
> To: Military Vehicles List <mil-veh@...>
> Sent: Wednesday, August 02, 2000 09:48
> Subject: Re: [MV] We should be watching this.
>
>
> > Hello John and List,
> >
> > I for one, would be most grateful, if some
> listmember knowledgable on
> > this would go into some detail about this "Bill"

> and it's impact(s).
> >
> > As V.P. of Empire State West Chapter, MVPA, I
> would like to report
> > something to our group.
> >
> > I / we really don't understand what is going on
> and the impact on our
> > N.Y. properly titled, registered, former military
> jeeps, humvees, etc.
> >
> > It sounds like something to be very concerned
> about and we would
> > appreciate any explainations anyone can give.
> >
> > Of course then again, we could always use a new
> Law.
> >
> > Thank you,
> > Tom
> >
> >
> > ===Mil-Veh is a member-supported mailing list===
> > To unsubscribe, send e-mail to:
> <mil-veh-off@...>
> > To switch to the DIGEST mode, send e-mail to
> <mil-veh-digest@...>
> > To reach a human, contact <help@...>
>
>
> ===Mil-Veh is a member-supported mailing list===
> To unsubscribe, send e-mail to:
> <mil-veh-off@...>
> To switch to the DIGEST mode, send e-mail to
> <mil-veh-digest@...>
> To reach a human, contact <help@...>

---------------------------------------------------
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http://invites.yahoo.com/

# 601. T-368 Tuning Chart

Yahoo group: T-368_BC-610
Date: 2000-08-06 17:22:15 UTC
From: Joe Foley
Topic: 601  Message: 601

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=393797587

Hard to believe that this didn't get more interest.
It sold for $1, only one bid.

Joe

---
Do You Yahoo!?
Kick off your party with Yahoo! Invites.
http://invites.yahoo.com/

# 602. Fwd: [AMRadio] FW: BC-610-E

Yahoo group: T-368_BC-610
Date: 2000-08-07 20:44:12 UTC
From: W2ZR@aol.com
Topic: 602  Message: 602

[Non-text portions of this message have been removed]

# 603. here's a BC-610E someone might be interested in

Yahoo group: T-368_BC-610
Date: 2000-08-07 22:42:01 UTC
From: W2ZR@aol.com
Topic: 603  Message: 603

For sale: BC-610-E, $650 cash, pick up only at Dadeville, AL

Working, decent looking(8 to 8+) 1944 BC-610E Hallicrafters transmitter, new Eimac final and modulator tubes. Set up on 3885. Uses a D-104 with standard 1/4" stereo phone plug. Built-in T/R relay: With SO-239 to antenna and BNC to rcvr. Safety interlocks intact and working. She's on the air.

This one is just like my BC-610E here in the shack, but the paint isn't as pretty. Cabinet is in nice shape otherwise.

Sam KF4TXQ Dadeville, AL (256)825-7305

# 604. T3 pix

Yahoo group: T-368_BC-610
Date: 2000-08-12 20:06:40 UTC
From: David Humbertson
Topic: 604  Message: 604

Hello all,
Just found a few pix that I took back when I was getting my T3 up
and running. The second one show the little mini-box that I installed
over the assy conn on the rear to bring out/in the ptt, audio, etc conns.

http://www.hereintown.net/~daveh/T368-001.jpg

http://www.hereintown.net/~daveh/T368-002.jpg

--
73, Dave - W3NP
Ft. Ashby, WV

# 605. Re: [T-368_BC-610] T3 pix

Yahoo group: T-368_BC-610
Date: 2000-08-12 19:39:05 UTC
From: Jack Taylor
Topic: 605  Message: 605

That's a nice clean looking unit, Dave!

73 de Jack

-----Original Message-----
From: David Humbertson <daveh@...>
To: T-368_BC-610@egroups.com <T-368_BC-610@egroups.com>
Date: Saturday, August 12, 2000 2:06 PM
Subject: [T-368_BC-610] T3 pix

>Hello all,
>Just found a few pix that I took back when I was getting my T3 up
>and running. The second one show the little mini-box that I installed
>over the assy conn on the rear to bring out/in the ptt, audio, etc conns.
>
>http://www.hereintown.net/~daveh/T368-001.jpg
>
>http://www.hereintown.net/~daveh/T368-002.jpg
>
>--
>73, Dave - W3NP
>Ft. Ashby, WV
>
>
>
>
>
>
>
>

# 606. Re: [T-368_BC-610] T3 pix

Yahoo group: T-368_BC-610
Date: 2000-08-13 02:52:12 UTC
From: Joe Foley
Topic: 605  Message: 606

--- David Humbertson <daveh@...> wrote:
> Hello all,
> Just found a few pix that I took back when I was
> getting my T3 up
> and running. The second one show the little mini-box
> that I installed
> over the assy conn on the rear to bring out/in the
> ptt, audio, etc conns.
>
> http://www.hereintown.net/~daveh/T368-001.jpg
++++++++++
Hi Dave,

Nice looking rig, what model is it? I don't see the caution tag on the RF deck.

I see the newer bezel on the plate meter, is there a plexiglas cover under that or is your's open so that you can reach in and touch the glass on the meter itself?

>
> http://www.hereintown.net/~daveh/T368-002.jpg
+++++++++
Solid state replacements for the 3B28's and new HV wiring. Are there ceramic insulators on the power supply deck where the HV goes through the deck? Mine doesn't have those, both HV wires go through the same hole,..... not good!

Can we see more pictures, please?

Joe

_____
Do You Yahoo!?
Yahoo! Mail ? Free email you can access from anywhere!
http://mail.yahoo.com/

# 607. Fun Auction!

Yahoo group: T-368_BC-610
Date: 2000-08-13 22:22:01 UTC
From: Joe Foley
Topic: 607  Message: 607

I just got back from an auction that was in Andover, NY. No, its not near anything! Its 100+ miles south of Rochester, NY and 20 miles north of Pennsylvania.

It was advertised as a collection of antique radios and household goods. I went on the wild off chance that there would be some 4D21/4-125's there,..... yes, I actually went to an oddball auction to look for big transmit tubes!!

Todd, I believe you now. The radios were from a retired EE who died 12 years ago, they were mostly Atwater-Kents,... don't worry, there were no deals that day, one of the "breadboard" types went for $1045! The collector vultures were there from as far away as Canada, Ohio, and NJ. They were well stored, very little damage from water or mold. Its amazing where this stuff will come from. It was a 45 minute drive for me and the SK had lived about 20 minutes from me.

But anyway, back to my interest. There were five 4D21's there but the tube collector, only one, was buying all of them up!! I happened to get a box of junk with a smaller box on the top, sent from Burstein-Applebee Co. back in 1966 with two 4-125's in it that looked brand new! $35 for the box, I've found a VFO in the bottom, too, no idea what it goes to yet. Most of the big box was three inch knobs, got tons of them if anyone wants some!

The 4-125's are in my T-368 cooking now and will be for the next few evenings since they've been stored for who knows how long, maybe 30 years!

There was a box of V-201's sold there, each wrapped in newspaper, at least 30 of them, the price went high, very high!

I would have posted this auction but I only got a few days notice myself.

This was a two estate sale, one was brought from a town miles away inorder to make the auction worthwhile. There's absolutely NO telling where this stuff will turn up!!

Joe

---
Do You Yahoo!?
Yahoo! Mail ? Free email you can access from anywhere!
http://mail.yahoo.com/

# 608. More T3 Pix

Yahoo group: T-368_BC-610
Date: 2000-08-14 02:33:06 UTC
From: David Humbertson
Topic: 608  Message: 608

Hi,
At Joe's request here are 2 more pix of the T3 during the initial
cleaning, testing stage etc. I though I had more but couldn't find them.

Here is the cabinet all ready for the decks to be installed with the PS
and modulator seen to the right.
http://www.hereintown.net/~daveh/T368-003.jpg

Here she is with filaments lit and ready for some adjustments. The
assy conn mini-box had not been installed yet.
http://www.hereintown.net/~daveh/T368-004.jpg

These pix were taken in 1996 and I can't remember all the details.

To answer your questions Joe.
1. Its an E model built in 1962 and overhauled in Germany in 1974.
2. The meter has glass right at the front with the bezel and also
right in front of the recessed meter.
3. I am not sure if there are ceramic feedthroughs or if they are
ceramic grommets - been several years since I have had to
open it up - will be doing the plate tank circuit mod soon though.

--
73, Dave - W3NP
Ft. Ashby, WV

# 609. Re: [T-368_BC-610] More T3 Pix

Yahoo group: T-368_BC-610
Date: 2000-08-14 02:52:51 UTC
From: Joe Foley
Topic: 609  Message: 609

--- David Humbertson <daveh@...> wrote:
> Hi,
> At Joe's request here are 2 more pix of the T3
> during the initial
> cleaning, testing stage etc. I though I had more
> but couldn't find them.
>
> Here is the cabinet all ready for the decks to be
> installed with the PS
> and modulator seen to the right.
> http://www.hereintown.net/~daveh/T368-003.jpg
++++++++++++
Thanks, Dave, this shows the interlock that someone said they didn't have on theirs, in the upper right corner.

Do you use the B-2 fan? Have you done anything to quiet it down yet?

>
>
> Here she is with filaments lit and ready for some
> adjustments. The
> assy conn mini-box had not been installed yet.
> http://www.hereintown.net/~daveh/T368-004.jpg
+++++++++
AHHhhhh!! Nice.

>
> These pix were taken in 1996 and I can't remember
> all the details.
>
> To answer your questions Joe.
> 1. Its an E model built in 1962 and overhauled in
> Germany in 1974.
> 2. The meter has glass right at the front with the
> bezel and also
> right in front of the recessed meter.
> 3. I am not sure if there are ceramic feedthroughs
> or if they are
> ceramic grommets - been several years since I
> have had to
> open it up - will be doing the plate tank
> circuit mod soon though.
++++++
It would seem that mine is an older version of the "E"

power supply deck, with the HV in only one hole,
your's has seperate holes for the HV, that was where
mine was Zorching! Tough to find, too!

I'm wondering if that's another mod they made for the
"E" or "F" units.

_____
Do You Yahoo!?
Yahoo! Mail ? Free email you can access from anywhere!
http://mail.yahoo.com/

# 610. Re: [T-368_BC-610] Fun Auction!

Yahoo group: T-368_BC-610
Date: 2000-08-14 14:09:34 UTC
From: tbigelow@pop.state.vt.us
Topic: 610  Message: 610

See? (:

Bet I know who that tube collector was, too. If it's who I think it is, I get tubes from him now and then, very nice fellow.

You should've been at the auction I helped out with in Oct. '94, estate of longtime radioman and ham Jerry Cunningham, W1MMV. This guy was a reg on the DX honor roll before SSB was invented, and had a 'real' radio shop in downtown Barre, VT back in te 20's. I remember him telling me one time "If you think I have a lot of old radios, you'd be amazed at what is buried under the backyard - the dump wouldn't take anymore from me". This guy had 4 outbuildings and a house full of stuff, from old AK breadboards to boxes of unopened 872B's, to E.H. Scott chrome chassis radios to old Collins and E. F. Johnson ham gear. You name it, he probably had it, including a very old Neuman broadcasting microphone.

The auctioneer sought me out because of my knowledge(?)of old radios, this is where being known as a packrat helps out. ;) He was disappointed as the auction progressed, but for the small turnout, he was amazed at the $10K result. Should've been twice that amount(many deals that day). Still, everyone, including the family, was very happy with the result. I had a blast and got a few goodies myself, though I had to have my dad bid for me since I was helping with the auction.

And this was a small auction tucked away in the hills of li'l ol' Vermont - image what else is hiding out there, waiting to be discovered?

Sounds like you had a good time, Joe - good find, as well!

73 de Todd/'Boomer' KA1KAQ

Joe Foley wrote:

> I just got back from an auction that was in Andover,
> NY. No, its not near anything! Its 100+ miles south
> of Rochester, NY and 20 miles north of Pennsylvania.
>
> It was advertised as a collection of antique radios
> and household goods. I went on the wild off chance
> that there would be some 4D21/4-125's there,..... yes,
> I actually went to an oddball auction to look for big
> transmit tubes!!
>
> Todd, I believe you now. The radios were from a
> retired EE who died 12 years ago, they were mostly
> Atwater-Kents,... don't worry, there were no deals
> that day, one of the "breadboard" types went for

> $1045! The collector vultures were there from as far
> away as Canada, Ohio, and NJ. They were well stored,
> very little damage from water or mold. Its amazing
> where this stuff will come from. It was a 45 minute
> drive for me and the SK had lived about 20 minutes
> from me.
>
> But anyway, back to my interest. There were five
> 4D21's there but the tube collector, only one, was
> buying all of them up!! I happened to get a box of
> junk with a smaller box on the top, sent from
> Burstein-Applebee Co. back in 1966 with two 4-125's in
> it that looked brand new! $35 for the box, I've found
> a VFO in the bottom, too, no idea what it goes to yet.
> Most of the big box was three inch knobs, got tons of
> them if anyone wants some!
>
> The 4-125's are in my T-368 cooking now and will be
> for the next few evenings since they've been stored
> for who knows how long, maybe 30 years!
>
> There was a box of V-201's sold there, each wrapped in
> newspaper, at least 30 of them, the price went high,
> very high!
>
> I would have posted this auction but I only got a few
> days notice myself.
>
> This was a two estate sale, one was brought from a
> town miles away inorder to make the auction
> worthwhile. There's absolutely NO telling where this
> stuff will turn up!!
>
> Joe
>
> _____
> Do You Yahoo!?
> Yahoo! Mail ? Free email you can access from anywhere!
> http://mail.yahoo.com/
>
>

# 611. re: Fun Auction - free for all

Yahoo group: T-368_BC-610
Date: 2000-08-15 15:50:07 UTC
From: Mark Foltarz
Topic: 611  Message: 611

Guys,

I just read the posts about the auction this weekend.
I had a similar experience this weekend in Richfield, Oh. The great exception was that the stuff was not in really good condition.

The whole thing was a great big garage sale. There were four outbuildings and a BIG dumpster. Yeah you got it - the guy was filling up the dumpster ( I rescued several in the box 211s and some other goodies.)

The place had not really been in use for many years and the shop reeked of vermin piss, and there were nests made in everything. However, a close inspection revealed there were diamonds to be had.

I did manage to find about 30 good tubes ( 250th, VT127,1625, 211, 811, 45, 50, 10 etc) a good collection of the SW224 knife switches, a german telegraph key(?!) in addition to other parts.

I did bring home a panoramic adapter model 8B. The main display unit looked great but the power supply was low rent housing for mice .

Those critters pissed so much that the lower right corner of the front panel turn to aluminum oxide and fell away. However, I disassembled what was left and gave it a good blast with air. I then gave the power supply chassis a good scrubbing with hot water and detergergent. Place it in the hot sun to dry. I then shot both the outside and in with spray polyurethane.

All in all it came out pretty good and the the unit is clean with further corrosion halted - at least on my watch.

The weirdest thing I dredged up was the profoundly large transformer. I saw this mostrosity bolted along with four eqaully massive studmount rectifiers to two pieces of 4x4 lumber. The transformer was caked in rust, but what got my attention was the size of the secondary leads - 1 inch copper strap! Lots of current @ low voltage.

I have a GRC19 set that I have wanted play with for some time, however, no power supply. So, I took a chance by bringing the rust monster home - I'm glad I did.

It turns out the secondary windings have an output of 22V R.M.S ( O.C.V.) which under load I figure should maybe go down to 19V RMS. Now, after the bridge and filter the output will be perfect for running 24VDC mil gear. SInce the transformer weighs in at about 120 lbs I figure I have plenty of breathing room at 60 Amp draw. But that thing was really gross with the rust, spider webs and dead bugs.

I took a steel wire brush and an old toothbrush and descaled the unit. Then two coats of Rustoleum gloss black - wow, a restored transformer. I had been looking for one of these for about 5 years and here it was for free with just a minot amount of elbow grease.

In addition to the above I brough back several big soldering irons, basket case rice boxes, and a few more transformers.

So all of this came home for $35. You guys are right: you never know where ( and when ) this stuff turns up. It was a shame that so much was utterly destroyed by critter piss and exposure to the elements.

DE KA4JVY
Mark

---
Do You Yahoo!?
Yahoo! Mail ? Free email you can access from anywhere!
http://mail.yahoo.com/

# 612. Happy birthday!

Yahoo group: T-368_BC-610
Date: 2000-08-16 03:18:23 UTC
From: Joe Foley
Topic: 612  Message: 612

Hey, our list is one year old,..... sometime this month. Can't remember what day, if it matters.

My T-368 has improved immensly with the help and encouragement provided by the members of this list,.... IT WORKS!!!

And because of that I can say: "My first HF rig IS a T-368!!"

I have witnessed first hand the awesome power that the T-368 has,..... humbling! Don't point that thing just anywhere.

I have talked to KD0HG Bill in Colorado, Tim "the Tron" Smith in Skowhegan, ME, Ott Kazott in PA, and a very few members of this list.

Still trying to push it out to California to work some of the guys I met on the Vietnam Dog Handlers list,... no I'm not a veteran, a relative is.

Working on a better microphone, too.

Too bad my computer isn't as dependable and problem free!!!!

I'm gonna take this opertunity to thank all of you for signing up and helping everyone with their transmitters,..... this is fun!!

BTW: I talked to a guy on 3885 last night, KB2FCN, his name is JIM. If anyone knows him you might tell him that his license has expired!! He didn't show up on any of the call sign databases except the last one I used and it shows his license out of date as of 1998!

73

Joe KG2CI

_____
Do You Yahoo!?
Yahoo! Mail ? Free email you can access from anywhere!
http://mail.yahoo.com/

# 613. T-368 Registry 8/16/00

Yahoo group: T-368_BC-610
Date: 2000-08-16 23:00:21 UTC
From: W2ZR@aol.com
Topic: 613  Message: 613

W2ZR w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI redmenaced@...
Bendix T-368 E #160
contract 3219-PP-59

WF2U mbendror@...
B&W T-368E #628
contract 15117-PP-62

W8KXR jtone@...
B&W T-368C #216
contract 43056-P-55

Bendix T-368C #209
contract 3219-PP-59

W4WSZ bobm@...
Stromberg-Carlson T-368D #161

KF2JQ jprusso@...
(awaiting details)

WB3FAU wb3fau@...
Oneida T-368F #192
contract 15498-PP-63

KA3OTT kazott@...
B&W T-368C #018
contract 43056-P-56

KW1I Dale.Gagnon@...
AMF T-368A #62
contract 25209-PHILA-54

W3NP daveh@...
B&W T-368E #575
contract 15117-PP-62

KD1YT tlewis@...
B&W T-368E #27
contract 15117-PP-62
overhauled at Pirmasens Army Depot

KX4R kx4rgc@...
Crosley T-368C #560
contract 21316-PH-56

WB6DXR lesterw@...
B&W T-368 #18
contract 25633-Phila-53

W2HU reid.j.hagan@...
T-368 #138
(awaiting details)

W7QHO w7qho@...
B&W T-368 #129
contract 25633-PHILA-53

Crosley T-368C #237
contract 28459-PH-55

K2AUS w.d.gallagher@...
TRW T-368F #303
contract 14527(E)

N4FS n4fs@...
TRW T-368F #261
contract 14527(E)

WA1QHQ mark.donaldson@...
B&W T-368 #32
contract 25070-Phila-54

AE4IN ae4in@...
Daystrom T-368C #46
contract 28597-Phil-55

W5BVB plmills@...
Oneida T-368F #19
contract 15498-PP-63

N4KIA pradams@...
Crosley T-368C #275
contract 28459-PH-55

N2BC n2bc@...
T-368C

K4BVQ PHollifield@...
Bendix T-368E #118
contract 3219-PP-59
overhauled at Pirmasens Army Depot

KF4TP olaf@...
TRW T-368F #190
contract 14527(E)

KE7KK ke7kk@...
Stromber-Carlson T-368D #33

W9QM r_longworth@...
T-368
(awaiting details)

K9RJ jandrjor@...
Stromberg-Carlson T-368D #55

# 614. 610 manual on ebay

Yahoo group: T-368_BC-610
Date: 2000-08-20 00:13:08 UTC
From: Joel Cumberland
Topic: 614  Message: 614

Saw this on ebay if anyone needs one.

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=413428398

Joel N3EYR

# 615. TM 11-809 on ebay

Yahoo group: T-368_BC-610
Date: 2000-08-20 02:04:46 UTC
From: Joel Cumberland
Topic: 615  Message: 615

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=409919752

# 616. T-368 Registry

Yahoo group: T-368_BC-610
Date: 2000-08-24 00:24:46 UTC
From: W2ZR@aol.com
Topic: 616  Message: 616

W2ZR w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI redmenaced@...
Bendix T-368 E #160
contract 3219-PP-59

WF2U mbendror@...
B&W T-368E #628
contract 15117-PP-62

W8KXR jtone@...
B&W T-368C #216
contract 43056-P-55

Bendix T-368C #209
contract 3219-PP-59

W4WSZ bobm@...
Stromberg-Carlson T-368D #161

KF2JQ jprusso@...
(awaiting details)

WB3FAU wb3fau@...
Oneida T-368F #192
contract 15498-PP-63

KA3OTT kazott@...
B&W T-368C #018
contract 43056-P-56

KW1I Dale.Gagnon@...
AMF T-368A #62
contract 25209-PHILA-54

W3NP daveh@...
B&W T-368E #575
contract 15117-PP-62

KD1YT tlewis@...
B&W T-368E #27
contract 15117-PP-62
overhauled at Pirmasens Army Depot

KX4R kx4rgc@...
Crosley T-368C #560
contract 21316-PH-56

WB6DXR lesterw@...
B&W T-368 #18
contract 25633-Phila-53

W2HU reid.j.hagan@...
T-368 #138
(awaiting details)

W7QHO w7qho@...
B&W T-368 #129
contract 25633-PHILA-53

Crosley T-368C #237
contract 28459-PH-55

K2AUS w.d.gallagher@...
TRW T-368F #303
contract 14527(E)

N4FS n4fs@...
TRW T-368F #261
contract 14527(E)

WA1QHQ mark.donaldson@...
B&W T-368 #32
contract 25070-Phila-54

AE4IN ae4in@...
Daystrom T-368C #46
contract 28597-Phil-55

W5BVB plmills@...
Oneida T-368F #19
contract 15498-PP-63

N4KIA pradams@...
Crosley T-368C #275
contract 28459-PH-55

N2BC n2bc@...
T-368C

K4BVQ PHollifield@...
Bendix T-368E #118
contract 3219-PP-59
overhauled at Pirmasens Army Depot

KF4TP olaf@...
TRW T-368F #190
contract 14527(E)

KE7KK ke7kk@...
Stromber-Carlson T-368D #33

W9QM r_longworth@...
T-368
(awaiting details)

K9RJ jandrjor@...
Stromberg-Carlson T-368D #55

WA6IUR fly n ham@...
TRW T-368F #2
contract 14527(E)

# 617. Re: Important eGroups notification

Yahoo group: T-368_BC-610
Date: 2000-08-24 03:20:26 UTC
From: Joe Foley
Topic: 617  Message: 617

--- newsletter-admin@... wrote:
> Dear eGroups Moderator,
>
> You are receiving this notice because one or more of
> the groups you
> moderate at eGroups will likely be affected by the
> changes described
> in this notice. Please read on.
>
> eGroups is committed to offering you a high-quality,
> easy email
> group service. As a business, we have two choices
> in paying for this
> service: one, charge members for its use, or two,
> include targeted
> text and HTML banner advertisements within emails
> sent to group
> members. eGroups members have shown an overwhelming
> preference
> for a free, ad-supported service...and that's what
> we've provided.
>
> To continue a high-quality, free, email groups
> service, we would like
> to notify you about two modifications to these
> advertising policies:
>
> 1. Improved Ad Removal
> eGroups already removes banner ads from message
> replies so they don't
> 'pile up' during email discussions. We've extended
> this technology
> to remove text ads in addition to HTML banners. All
> members will
> benefit from this improvement to the email group
> experience.
>
> 2. Movement of ads to the top of messages
> eGroups already inserts ads at the top of message
> digests, within all
> announcement-only and certain discussion groups. We
> are extending
> this policy to include all groups.
>
> Both of these changes will go into effect early next

> week.
>
> For group owners who do not wish to have ads in
> messages to their
> groups, eGroups continues to offer a "No Advertising
> Option." For
> $4.95 (US) per month (payable in a single annual
> payment of $59.40),
> we will exclude all ads from the messages for your
> group. For more
> info on this option, please see:
>
> http://www.egroups.com/info/noads.html
>
>
>
> Sincerely,
>
> The eGroups Customer Support Team
> support@egroups.com
>
>
>
>
>
>

---
Do You Yahoo!?
Yahoo! Mail - Free email you can access from anywhere!
http://mail.yahoo.com/

# 618. Re: T-3 FS ?

Yahoo group: T-368_BC-610
Date: 2000-08-24 20:42:07 UTC
From: Joe Foley
Topic: 618  Message: 618

--- hardiem@... wrote:
> Joe,
> I just reviewed some of the posts and noticed one by
> you about the
> possibility of a T-3 for sale in Minn. (about a
> month ago) I'm
> having one heck of a time remembering my password
> for the list, maybe
> it has to do with a visit by Mr Al Zimer. (hihi)
++++++++++
Well, I'll tell ya! My advanced case of CRS has turned into full blown CRA,..... Uh,.... let me think,.... Oh Yeah!! Now I remember what that stands for,..... Can't Remember Squat and Can't Remember Anything!

What that was was a QSO with a ham in Michigan and he knew another ham that MAY HAVE a T-3 for sale. As they say in the sales business it would be a cold contact. You would have had to approach the individual as "...from out of the blue."

I'm going to post this to the list in case someone remembers anything.

>
> Please send a contact email or phone number if you
> have one.
+++++++++
I don't think I had either, seems that it was just a call sign.

>
> Also I'm hunting for a source of high voltage wire
> for a '610 reno,
> any thoughts?
+++++++++
Yes, call Dearborn Wire and Cable and beg your ass off. They're good people and will deal with you, they don't want to sell small pieces but may if you play it right. I had a deal going to get the shorts from their spooling operations but never heard back from them. That might be an approach to try, buying some of their short pieces.

Its a neat company to deal with, men answer the phone, they know what they're doing and will help you, too. No computer answering machine!!

Look at their website first to determine what type you need so you can talk the talk. What I got was an "Engineering sample" of style number 3239, 25 KV, 150 degree C, VW-1, E-31467. That should do anything on the BC-610.

Good luck,

Joe

_____
Do You Yahoo!?
Yahoo! Mail - Free email you can access from anywhere!
http://mail.yahoo.com/

# 619. Re: [MV] HR-4205 Letter Verbage

Yahoo group: T-368_BC-610
Date: 2000-08-24 20:49:13 UTC
From: Joe Foley
Topic: 619  Message: 619

This could apply to radio equipment, too!

Joe

--- "William R. Benson" <Benson@...> wrote:
>
>
> Major Rayfield requested that I pass this along to
> All Hands if they wanted a
> good example of a letter to send to certain elected
> representatives.
>
>
>
> TO ALL HANDS:
>
> 1. The below is the letter that I sent to my
> congressman, Hon Lamar Smith, and
> the forwarding of that to my two senators. Also
> attached is the membership site
> to join the MVPA. I encourage this - lets get all
> of us on board.
>
> 2. Use any verbiage or variation there of to write
> your representative and
> especially your Senator. Also
> attached is the web page for all to sign up with in
> the MVPA - it is better
> to join, bolster their negotiating power and
> strenthen the organization.
>
> 3 I too have gotten a number from HQ MVPA to call
> Mr. Lee Holland tonight,
> and intend to do so to
> (a) understand what is going on with this bill and
> to see how I can be
> enlightened
> (b) ask him what more we can do
>
> 4. I work extensively with the USML and ITAR, and
> will help the cause as I
> can.
>
> R.S. Rayfield, Jr.
> Major, USMC (Ret)

>
>
==========
>
> ----- Original Message -----
> From: MAJ & MRS R. S. RAYFIELD, JR.
> To: senator@... ;
> Phil_Gramm@...
> Cc: Joseph.Boessen@... ;
> Peter.Steffes@...
> Sent: Wednesday, August 23, 2000 7:47 PM
> Subject: UNCLAS//N05760/N05860//ORG/LEGISLATIVE
> ACTION HR-4205
>
>
> <<master6.htm>>
> To the Honorable Kay Bailey Hutchison and Honorable
> Phil Gramm:
>
> 1. The below is the letter I just sent my
> Congressman, Rep Lamar Smith. I
> am sending courtesy
> copies to you as well, herein. It sites the bill
> number, sections that
> concern us
> and how this equipmehnt is defined on the USML of
> the ITAR, citing the
> code.
> In para 2 I list my concerns.
>
> 2. Although lengthy, it lays it out. I have asked
> him to inform
> Rep FLoyd Spence (D-SC) that we are concerned with
> the language in HR-4205,
> list a few adverse
> consequences of such a bill, and ask him to endorse
> this letter and send it
> to
> our you in case this bill makes it to the Senate as
> is with this language
> in it.
>
> Major R. S. Rayfield, Jr.
> Texas A&M '75
> 66 Mission Drive
> New Braunfels, TX 78130
> (703)588-8059
>
>
>

---
> --
> ---
> ---
> Hon Lamar Smith:
>
> 1. I have become familiar with HR-4205, Title III,
> Subtitle G, Sections
> 361
> and 362 which speak to the demilitarization of
> significant military
> equipment (SME) or major defense equipment (MDE) as
> defined by the U.S.
> Munitions List of the International Traffic and
> Arms Regulations (ITAR)(22
> CFR 120-130) which I paste in as follows:
>
> "SEC. 361. AUTHORITY TO ENSURE DEMILITARIZATION OF
> SIGNIFICANT MILITARY
> EQUIPMENT FORMERLY OWNED BY THE DEPARTMENT OF
> DEFENSE.
> (a) AUTHORITY TO REQUIRE DEMILITARIZATION AFTER
> DISPOSAL- Chapter 153 of
> title 10, United States Code, is amended by
> inserting after section 2572
> the
> following new section:
> `Sec. 2573. Significant military equipment:
> continued authority to require
> demilitarization after disposal
> `(a) AUTHORITY TO REQUIRE DEMILITARIZATION- The
> Secretary of Defense may
> require any person in possession of significant
> military equipment formerly
> owned by the Department of Defense--
> `(1) to demilitarize the equipment,
> `(2) to have the equipment demilitarized by a third
> party; or
> `(3) to return the equipment to the Government for
> demilitarization.
> `(b) COST AND VALIDATION OF DEMILITARIZATION- When
> the demilitarization of
> significant military equipment is carried out by
> the person in possession
> of
> the equipment pursuant to paragraph (1) or (2) of
> subsection (a), the
> person
> shall be solely responsible for all
> demilitarization costs, and the United

> States shall have the right to validate that the
> equipment has been
> demilitarized.
> `(c) RETURN OF EQUIPMENT TO GOVERNMENT- When the
> Secretary of Defense
> requires the return of significant military
> equipment for demilitarization
> by the Government, the Secretary shall bear all
> costs to transport and
> demilitarize the equipment. If the person in
> possession of the significant
> military equipment obtained the property in the
> manner authorized by law or
> regulation and the Secretary determines that the
> cost to demilitarize and
> return the property to the person is prohibitive,
> the Secretary shall
> reimburse the person for the purchase cost of the
> property and for the
> reasonable transportation costs incurred by the
> person to purchase the
> equipment.
> `(d) ESTABLISHMENT OF DEMILITARIZATION STANDARDS-
> The Secretary of Defense
> shall prescribe by regulation what constitutes
> demilitarization for each
> type of significant military equipment.
> `(e) EXCEPTION FOR GOVERNMENT CONTRACTS- This
> section does not apply when a
> person is in possession of significant military
> equipment formerly owned by
> the Department of Defense for the purpose of
> demilitarizing the equipment
> pursuant to a Government contract.
> `(f) DEFINITION OF SIGNIFICANT MILITARY EQUIPMENT-
> In this section, the
> term
> `significant military equipment' means--
> `(1) an article for which special export controls
> are warranted under the
> Arms Export Control Act (22 U.S.C. 2751 et seq.)
> because of its capacity
> for
> substantial military utility or capability, as
> identified on the United
> States Munitions List maintained under section
> 121.1 of title 22, Code of
> Federal Regulations; and
> `(2) any other article designated by the Department
> of Defense as requiring

> demilitarization before its disposal.'.
> (b) CLERICAL AMENDMENT- The table of sections at
> the beginning of such
> chapter is amended by inserting after the item
> relating to section 2572 the
> following new item:
> `2573. Significant military equipment: continued
> authority to require
> demilitarization after disposal.'.
> SEC. 362. ANNUAL REPORT ON PUBLIC SALE OF CERTAIN
> MILITARY EQUIPMENT
> IDENTIFIED ON UNITED STATES MUNITIONS LIST.
> (a) ANNUAL REPORT REQUIRED- Chapter 153 of title
> 10,
=== message truncated ===

_____
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# 620. 610 manual on ebay

Yahoo group: T-368_BC-610
Date: 2000-08-28 05:59:55 UTC
From: Joel Cumberland
Topic: 614  Message: 620

TM 11-826 up for grabs if anyone needs one.

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=420029108

Joel N3EYR

# 621. Re: [R-390] Re: Canadian R390A's

Yahoo group: T-368_BC-610
Date: 2000-08-29 01:46:40 UTC
From: Joe Foley
Topic: 621  Message: 621

What the R-390 list is talking about,..... of course,
no pictures of the T-368 that runs the whole thing!

--- Dave Merrill <r390a@...> wrote:
> >that should be www.c-and-e-museum.org and the
> soldier is certainly sitting
> >in front of a brace of R390A's.
>
> Looks like this is inside an AN/GRC-26D:
>
> http://www.c-and-e-museum.org/img/img68.jpg
>
> http://www.enteract.com/~r390a/3-8.jpg
>
> /dave
> N9ZC
>
> ----
> Visit www.qth.net to subscribe/unsubscribe OR
> send mail to majordomo@...
> with the BODY of the message containing:
> unsubscribe r-390

_____
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# 622. Pictures of T-368's and CCKW's

Yahoo group: T-368_BC-610
Date: 2000-08-29 02:07:49 UTC
From: Joe Foley
Topic: 622  Message: 622

http://www.enteract.com/~r390a/R-390atWork.html

_____
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http://mail.yahoo.com/

# 623. Re: [T-368_BC-610] Re: [R-390] Re: Canadian R390A's

Yahoo group: T-368_BC-610
Date: 2000-08-29 15:42:53 UTC
From: James M. Walker
Topic: 623  Message: 623

Well From an observation is this, The top unit is the CV-116, (455KC
IF fsk dual diversity Converter), next two are probably R-390A Rcvrs.
can't zoom in close enough, Vibroplex lightning Bug brown base, and under
the table in the shot is the LS-206 dual speaker system ( 1 for
each receiver output) and the "Green Keys" on the left closely resemble the
TT-98. Boy that was a strain!. Hi Joe.
73 from Jim WB2FCN Formerly TDY to 18TH Airborne Corp, Signal
Battalion.

-----Original Message-----
From: Joe Foley <redmenaced@...>
To: T-368_BC-610@egroups.com <T-368_BC-610@egroups.com>
Date: Monday, August 28, 2000 9:46 PM
Subject: [T-368_BC-610] Re: [R-390] Re: Canadian R390A's

>What the R-390 list is talking about,..... of course,
>no pictures of the T-368 that runs the whole thing!
>
>
>
>
>--- Dave Merrill <r390a@...> wrote:
>> >that should be www.c-and-e-museum.org and the
>> soldier is certainly sitting
>> >in front of a brace of R390A's.
>>
>> Looks like this is inside an AN/GRC-26D:
>>
>> http://www.c-and-e-museum.org/img/img68.jpg
>>
>> http://www.enteract.com/~r390a/3-8.jpg
>>
>> /dave
>> N9ZC
>>
>> ----
>> Visit www.qth.net to subscribe/unsubscribe OR
>> send mail to majordomo@...
>> with the BODY of the message containing:
>> unsubscribe r-390
>
>
>_____
>Do You Yahoo!?
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>http://mail.yahoo.com/
>
>
>
>

# 624. Re: [BoatAnchors] monster vac. var. reduced

Yahoo group: T-368_BC-610
Date: 2000-08-29 22:48:26 UTC
From: Joe Foley
Topic: 624  Message: 624

Talk to Lane, he has it, not me!

--- Lane Zeitler <Ku7i@...> wrote:
>
> model VMMHC-450 vacuum variable for sale. 10-450 pF
> at 40kv.
>
> It is physically very large at about 16 inches long.
> If you want a large
> safety margin for that upcoming amp project then
> look no further. Sell for
> $170 shipped lower 48. Will double box and insure
> for replacement cost via
> UPS ground.
>
> 73s
>
> Lane
> Ku7i
> San Diego
>
>
>
> ---
> List Owner: Duane Fischer W8DBF For Assistance:
> dfischer@...
> ---
> This list is sponsored by Sandhills Technical
> Service, Inc.
> Complete service on vintage equipment and more!
> Find out about our services at:
> http://www.qsl.net/n4kvp/
>

_____
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# 625. Re: [armyradios] RE: [MilSurplus] MRCA Military Radio Meet

Yahoo group: T-368_BC-610
Date: 2000-08-29 23:04:48 UTC
From: Joe Foley
Topic: 625  Message: 625

--- Richard McClung <richard_mcclung@...> wrote:
> RE: [MilSurplus] MRCA Military
> Radio Meet 8/29/00
> 8-9 June 2000 ... Sorry I missed it........
> RICH @B> }
>
> On 8/29/00, Al Klase wrote:
> The newly established Military Radio Collectors
> Association
> will hold it's first event on 8-9 June 2000 at the
> Tobyhanna
> Army Depot in Eastern Pennsylvania. Visit our
> webpage for
> more information:
> http://www.qsl.net/n3frq/MRCA.html
>
> 73,
> Al
> -- Al Klase - N3FRQ
> skywaves@...
> Flemington, NJ 08822
> Web Page: http://www.webex.net/~skywaves/home.htm
>
> ---
> Submissions milsurplus@...
>
>

_____
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# 626. Wire dealer

Yahoo group: T-368_BC-610
Date: 2000-08-29 23:35:03 UTC
From: Joe Foley
Topic: 626  Message: 626

For HV wire:

http://www.dearborn-cdt.com/

Joe

_____
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# 627. Re: [T-368_BC-610] Re: [armyradios] RE: [MilSurplus] MRCA Military Radio Meet

Yahoo group: T-368_BC-610
Date: 2000-08-30 00:21:09 UTC
From: w7qho@aol.com
Topic: 627  Message: 627

All, Make that 8-9 Sept. 2000, see web page http://www.qsl.net/n3frq/MRCA.html

Dennis D. W7QHO

# 628. T368 parts and pieces wanted

Yahoo group: T-368_BC-610
Date: 2000-08-31 21:53:15 UTC
From: plmills@attglobal.net
Topic: 628  Message: 628

Hello,

This is my semi-annual plea for parts and pieces I need
to complete my T-368.

First, I need the 1500 pf vacuum variable. Or, at least,
could someone please tell me the manufacturer/model/part
number. Along this vein, I need 2 reducers to take a 1/2 inch
shaft down to 1/4 inch.

Also, I bought a blower motor and bracket from Fair Radio
and discovered on looking at the pictures in the manual that
I still need the little angular baffle box that directs air
from the hole in the back panel to the blower inlet.

Finally, I need the filament transformer for the 4-400 final
tube....this is the one that also has the 26 volt winding for
the 6000 tube.

thanks,
Phil
W5BVB

# 629. Re: [R-390] R-1051's

Yahoo group: T-368_BC-610
Date: 2000-08-31 23:46:01 UTC
From: Joe Foley
Topic: 629  Message: 629

--- Barry Hauser <barry@...> wrote:
> Hi Ron
>
> Thanks for the kind words on the Y2K manual.
>
> Yes -- I'd dare say many of us have R-1051x's. I
> have 2 plains, a B and a
> G. (Sounds like a McDonald's order)
>
> Someone started an R-1051 list and I subscribed, but
> there's no action on
> it. Nolan Lee is into the R-1051's and has some
> info on his web pages,
> including a recipe for Frankenbulbs, to replace the
> $45 dial lamps.
>
> But, you're right, compared to the R-390x's, there's
> not a whole lot of
> detail posted. For some reason, the 1051's don't
> seem to stimulate lively,
> sustained interchanges. Most go like this: "You
> got an R-1051 too, eh."
> "Yup" "yawn - metal chain?" "yawn - uh-huh" "That's
> good. Hey, let's go
> watch some paint dry." In contrast, R-390's can
> spark all kinds of
> discussion, about almost anything.
>
> Ron -- you say you "love" yours. Maybe you can
> start us off by "counting
> the ways" and we can then take it onto that
> practically unused R-1051
> reflector (on qth also). Now, I like mine, and
> they're not for sale, but
> they don't seem too romantic -- maybe a bit
> nautical.
>
>
> So, R-1051'ers, chime in and be counted.
>
>
> Barry
>
>
>

> > This may be a little off the subject of R-390s,
> but is there anyone else
> out
> > there with an R-1051? I am completely amazed at
> the seemingly endless
> manuals
> > (LOVE the Y2K Manual, great job!!), tech tips, Web
> Pages, etc. for the
> 390. If
> > you search for info on the 1051, it is virtually
> non-esistant. I love
> mine, but
> > there's not too much info available.
> > Could it be because the 1051 is mostly made up of
> that awful element,
> silicon?
> > Hey, it has 2 tubes in it! And you need a truss to
> move it.....
> >
> > ron
> >
> > N4UE
> >
> >
> > ----
> > Visit www.qth.net to subscribe/unsubscribe OR
> > send mail to majordomo@...
> > with the BODY of the message containing:
> > unsubscribe r-390
>
> ----
> Visit www.qth.net to subscribe/unsubscribe OR
> send mail to majordomo@...
> with the BODY of the message containing:
> unsubscribe r-390

_____
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# 630. Where are you?

Yahoo group: T-368_BC-610
Date: 2000-09-01 02:53:16 UTC
From: Joe Foley
Topic: 630  Message: 630

Ott Kazott!

Which one's your E-mail address? I've got a whole
list of E-mails with no names on them so I don't know
who's who anymore.

Joe

_____
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# 631. For sale: BC-610-E

Yahoo group: T-368_BC-610
Date: 2000-09-04 05:25:14 UTC
From: Joe Foley
Topic: 631  Message: 631

No, not me! Sam in Dadeville, Alabama. Where ever
that is.

Joe

For sale: BC-610-E, $650 cash, pick up only at
Dadeville, AL

Working, decent looking(8 to 8+) 1944 BC-610E
Hallicrafters
transmitter, new Eimac final and modulator tubes. Set
up on
3885. Uses a D-104 with standard 1/4" stereo phone
plug.
Built-in T/R relay: With SO-239 to antenna and BNC to
rcvr.
Safety interlocks intact and working. She's on the
air.

This one is just like my BC-610E here in the shack,
but the
paint isn't as pretty. Cabinet is in nice shape
otherwise.

Sam KF4TXQ Dadeville, AL (256)825-7305

---
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# 632. WTB T-3

Yahoo group: T-368_BC-610
Date: 2000-09-19 12:39:43 UTC
From: Bob Login
Topic: 632  Message: 632

Hi....I'm new to the group and would like to buy a T-368.
If anyone has one for sale please let me know....Tnx Bob, AA8A

# 633. Re: [MilSurplus] BC-610-F Tuning Cards

Yahoo group: T-368_BC-610
Date: 2000-09-24 00:25:02 UTC
From: Joe Foley
Topic: 633  Message: 633

Bob Downs has them not me!

Joe

--- "ROBERT W. DOWNS" <RWDowns_WA5CAB@...>
wrote:
> Groups,
>
> I just came across a set of tuning cards for the
> BC-610-F. $10.00 shipped
> CONUS.
>
> Robert Downs
> <RWDowns_WA5CAB@...>
> Houston
>
> ---
> Submissions milsurplus@...

---------------------------------------------------
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# 634. Re: [MilSurplus] BC-611-F Tuning Cards

Yahoo group: T-368_BC-610
Date: 2000-09-25 16:54:13 UTC
From: Joe Foley
Topic: 634  Message: 634

--- "ROBERT W. DOWNS" <RWDowns_WA5CAB@...>
wrote:
> Message text written by Joe Foley
> >I posted your offer to the T-368/BC-610 mailing
> list.
> <
> Joe,
> Heh Heh. I hope that you corrected my subject line
> typo. So far, I've
> read two emails wanting them for the BC-610-F (what
> they really are) and
> half a dozen wanting them if they are really for the
> BC-611-F!
>
> I probably ought to sign up for the T-368/BC-610
> list myself. I have a
> BC-610-E that I need a rear cover for, plus have
> some parts including a
> BC-610-F that is partially parted out.
>
> I have most if not all of the manuals on the T-368
> but don't think I've
> ever run across the cards. I'll look around. Do
> you know whether they had
> an official type number?
>
> 73,
> Robert Downs
> <RWDowns_WA5CAB@...>
> Houston

_____
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# 635. Hmm,... that's not on there!

Yahoo group: T-368_BC-610
Date: 2000-09-26 02:17:39 UTC
From: Joe Foley
Topic: 635  Message: 635

Hi List,

While searching for the cause of my lack of full modulation I was checking the speech amp on my supposed "E" model T-368 against the schematic. I didn't find it out of line for it to not match the schematic for the "B" or "C" models but it didn't match the schematic for the "E" either!!

Its got too many caps in it! And its got too many connections on the J-3 socket, pins 2 and 3 have connections that don't show on the schematic.

Could it maybe be an "F" model speech amp on an "E" model Mod deck? No, the connections on the J-3 socket are on the are on the plug, too. Don't know, yet, where they go into the Mod deck.

Does anyone have a schematic for the "F" model mod deck?

This speech amp has the T-11 transformer in it, too.

I suspect the front panel on the RF deck has been changed and this unit is really an "F" model, but I have no way to determine that for sure, yet.

Any ideas?

Joe

---
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# 636. Re: [T-368_BC-610] Hmm,... that's not on there!

Yahoo group: T-368_BC-610
Date: 2000-08-24 04:51:23 UTC
From: tbigelow@pop.state.vt.us
Topic: 635  Message: 636

I think you need to send it over here to Vermont for further evaluation, Joe - shouldn't take more than a few decades for me to figure it all out...

73, Boomer KA1KAQ ;)

Joe Foley wrote:
> 
> Hi List,
> 
> While searching for the cause of my lack of full
> modulation I was checking the speech amp on my
> supposed "E" model T-368 against the schematic. I
> didn't find it out of line for it to not match the
> schematic for the "B" or "C" models but it didn't
> match the schematic for the "E" either!!
> 
> Its got too many caps in it! And its got too many
> connections on the J-3 socket, pins 2 and 3 have
> connections that don't show on the schematic.
> 
> Could it maybe be an "F" model speech amp on an "E"
> model Mod deck? No, the connections on the J-3 socket
> are on the are on the plug, too. Don't know, yet,
> where they go into the Mod deck.
> 
> Does anyone have a schematic for the "F" model mod
> deck?
> 
> This speech amp has the T-11 transformer in it, too.
> 
> I suspect the front panel on the RF deck has been
> changed and this unit is really an "F" model, but I
> have no way to determine that for sure, yet.
> 
> Any ideas?
> 
> Joe

# 637. t-3 control connector

Yahoo group: T-368_BC-610
Date: 2000-09-26 12:51:21 UTC
From: Trevor Lewis
Topic: 637  Message: 637

Does anyone have a suggested source for the control connector
plug on the rear of the T-3, down by the power input? I have already
tried Fair Radio and they are out of them.

Absent a source, any ideas of an efficient non-kluge
approach that will keep the T-3 unscarred?

[Non-text portions of this message have been removed]

# 638. Re: [T-368_BC-610] t-3 control connector

Yahoo group: T-368_BC-610
Date: 2000-09-26 15:33:06 UTC
From: w7qho@aol.com
Topic: 637  Message: 638

That's a fairly common one, surprised Fair doesn't have it. You might try William Perry at (502)893-8724 or "Surplus Al" at (717)256-3749.

Dennis D. W7QHO

# 639. Re: [T-368_BC-610] t-3 control connector

Yahoo group: T-368_BC-610
Date: 2000-09-27 01:08:47 UTC
From: Joe Foley
Topic: 637  Message: 639

Hi Trevor,

You've already got a reference to Wm Perry, that'd be my best guess, too. I'm surprised that Fair is out of them, but that's what we've been finding with T-3 parts in general, everybody's out of them.

If it gets critical you could find pins to fit the plug, maybe out of plugs for other radios, and then mold your own plug body out of epoxy, liquid acrylic, or some other stuff. Drilled lexan may be a possibility, too.

Let us know what you come up with, it may shake loose some other ideas.

73

Joe

--- Trevor Lewis <tlewis@...> wrote:
> Does anyone have a suggested source for the control
> connector
> plug on the rear of the T-3, down by the power
> input? I have already
> tried Fair Radio and they are out of them.
>
> Absent a source, any ideas of an efficient non-kluge
> approach that will keep the T-3 unscarred?
>
>
> [Non-text portions of this message have been
> removed]
>
>

---------------------------------------------------
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# 640. Joe's Modulation Problems

Yahoo group: T-368_BC-610
Date: 2000-09-27 18:36:23 UTC
From: Hagan, Reid J
Topic: 640  Message: 640

Joe,
I have heard a few trivia stories about T-3's with low modulation levels that you may want to check, just for the heck of it. Sometimes the simplest things can cause seemingly insurmountable problems. I have heard that the two "pots" (for lack of a better word) that are on the face of the Mod. deck sometimes short over to the inside back of the faceplate, probably due to bending by improper military maintenance over the years. They may show an "arc-over" burn on some rigs. These are the pots labeled "600 OHM LINE GAIN" and "CARBON MIKE GAIN". Depending on which one you're using for your mike/audio input, check each one for proper operation with a VOM. It may be that you have a pot that will not increase (or decrease) the audio level. I seem to remember that you stated that you had little or no control of the modulation level by either the "600 Ohm" or "Carbonium Microphonium" knobs on your rig. I know that you've been perplexed with the Modulation level for a while and maybe it's time to look at the simplest possibilities as a starting point. Good luck!

Reid W2HU

# 641. Re: [T-368_BC-610] Joe's Modulation Problems

Yahoo group: T-368_BC-610
Date: 2000-09-29 01:42:01 UTC
From: Joe Foley
Topic: 640  Message: 641

Hey,

Thanks for the reminder!

I was going to replace both of them because neither one worked right from the beginning, they were in bad shape. I don't know why I haven't done that earlier, no sense looking elsewhere until I get that taken care of.

But back to the speech amp, I was checking caps and found the one from pin 9 on the 12AT7 to ground read shorted so I started tracing the wires to see if they went to ground. Silly me, I thought the schematic would make it easier. Well, it would if I had the right one.

No replies on the "F" schematic yet.

I hope I don't have to make one.

Thanks, Reid,

Joe

--- "Hagan, Reid J" <reid.j.hagan@...> wrote:
> Joe,
> I have heard a few trivia stories about T-3's with
> low modulation levels
> that you may want to check, just for the heck of it.
> Sometimes the simplest
> things can cause seemingly insurmountable problems.
> I have heard that the
> two "pots" (for lack of a better word) that are on
> the face of the Mod. deck
> sometimes short over to the inside back of the
> faceplate, probably due to
> bending by improper military maintenance over the
> years. They may show an
> "arc-over" burn on some rigs. These are the pots
> labeled "600 OHM LINE GAIN"
> and "CARBON MIKE GAIN". Depending on which one
> you're using for your
> mike/audio input, check each one for proper
> operation with a VOM. It may be
> that you have a pot that will not increase (or
> decrease) the audio level. I

> seem to remember that you stated that you had little
> or no control of the
> modulation level by either the "600 Ohm" or
> "Carbonium Microphonium" knobs
> on your rig. I know that you've been perplexed with
> the Modulation level
> for a while and maybe it's time to look at the
> simplest possibilities as a
> starting point. Good luck!
>
>
> Reid W2HU
>

---------------------------------------------
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# 642. Re: [MilSurplus] RE: Surplus Source

Yahoo group: T-368_BC-610
Date: 2000-09-30 02:59:40 UTC
From: Joe Foley
Topic: 642  Message: 642

Here's a hot one, can someone in the area check this
one out? Hey, Ott, do you know about this guy?

I smell T-368/BC-610 parts!

Joe

--- ronk3zko@... wrote:
> Hi
>
> I was to a surplus location near Philadelphia, PA on
> Friday which I would
> like to share with you. Most of you i"m sure know of
> it by now but just
> in case.
>
> Is an auto junk yard but with military radio
> equipment also.
> The owner Pete Grave is not with computers yet so
> does not have an email
> address.
>
> Office and voice mail (610)847-6949
> Home Phone (610)847-2214 for radio information, at
> night.
> Fax (610)847-5865
>
> Loads of test equipment
> GRC106 Huts loaded and empty
> 7/8 inch hardline
> ARC 5s
> Collins KWM2's
> Collins 30L1's
> Many R390's
> Old 1950s TV Receivers
> BC610s
> Manuals, I saw 7 five drawer files.
>
> Can't remember all that I saw so get in-touch with
> him.
>
> 73
>
> Ron, K3ZKO
> ronk3zko@...
>

>

---

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>
> ---
> Submissions milsurplus@...

---

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# 643. Pot numbers

Yahoo group: T-368_BC-610
Date: 2000-10-01 15:53:56 UTC
From: Joe Foley
Topic: 643  Message: 643

Hi,

Could someone with a T-368 "F" give me the manufacturer's numbers from the back of the mike gain pot. I want to make sure I have the right one in mine, I'd also like to verify that mine is and "F" and not an "E".

Thanks,

Joe

---
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# 644. Re: [T-368_BC-610] Pot numbers

Yahoo group: T-368_BC-610
Date: 2000-10-02 16:16:21 UTC
From: Joe Foley
Topic: 643  Message: 644

--- John Leer <jleer@...> wrote:
> Joe, My t-368 by TRW s/n238 has mike pot. as
> follows RV4NAXSD253C
> 25KCTS6139. Hope this helps. John k9xh
+++++
Thanks, John,

If you have an "F" model T-3 that verifies that
they're the same pots.

Does your speech amp have a T-11 in it, too?

Have you traced the wires from the T-11 transformer
into the mod deck yet?

The mystery deepens,

Joe

_____
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# 645. Re: [BoatAnchors] Gear available

Yahoo group: T-368_BC-610
Date: 2000-10-05 16:31:01 UTC
From: Joe Foley
Topic: 645  Message: 645

Just out of the clear blue sky I asked this guy if he
had any T-368 or BC-610 parts left and he said:

> I have some 610 coils left
> Sold the 610 with tuner and all tu and xtals

His E-mail address is:

SX28A@...

>
>
>
>
>
> On Thu, 5 Oct 2000 06:47:42 -0700 (PDT) Joe Foley
> <redmenaced@...>
> writes:
> > Hi Dan,
> >
> > Do you have any T-368 or BC-610 parts available?
> >
> > Or tubes specific to those two?
> >
> > Thanks,
> >
> > 73
> >
> > Joe KG2CI
> >
> >
> >
> > --- "Dan Caesar, Ni9y Mishawaka IN."
> <sx28a@...>
> > wrote:
> > >
> > > Trade for a IC-746 with filters
> > > HT-32/SX-101/R-46B/HA-1/HA-8
> > >
> > > Pictures available. The Hallicrafters gear is
> in
> > > working excellent
> > > condition.
> > > I also have for sale lots of boatanchors,
> receivers,
> > > Heathkits, and some

> > > transmitters left.
> > > If you are interested in a particular item
> please
> > > e-mail me direct
> > > sx28a@...
> > > Hammarlunds, Hallicrafters, Valiant, Ranger,
> meters,
> > > swr bridges, amps,
> > > TR-4C, and lots of Collins equipment.
> > > We also have hundreds of antique radios and
> small
> > > transistor radios.
> > > We are looking for someone to come over with a
> > > U-Haul truck and buy me
> > > out.
> > > Remember e-mail direct sx28a@... phone
> number
> > > upon request
> > > South Bend, Indiana, 80 miles East of Chicago,
> 140
> > > miles North of
> > > Indianapolis, 1 hour from Benton Harbor, 4 hours
> > > from Detroit, 80 miles
> > > due West from Ohio on the Indiana Toll Road.
> > > sx28a@...
> > >
> >
>

---

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> > > ---
> > > List Owner: Duane Fischer W8DBF For Assistance:
> > > dfischer@...
> > > ---
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> http://dl.www.juno.com/get/tagj.

---

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# 646. Re: [BoatAnchors] 866A or 3B28...???

Yahoo group: T-368_BC-610
Date: 2000-10-05 16:36:15 UTC
From: Joe Foley
Topic: 646  Message: 646

From the Boatanchors mailing list, if you're
considering using them for the T-368.

--- Richard Brunner <rbrunner@...> wrote:
> "Is there any noticeable difference as far as
> spectral purity is
> concerned in using the 3B28 over the 866A...?? I
> have seen the 3B28
> listed as "low-noise", but is it noticeable...???
> 73 de Jordan...."
>
> Yes! Any mercury-vapor rectifier; 816, 866, 866A,
> 872A, among others, is a
> prolific rf noise generator. RF chokes and bypass
> capacitors in the plate
> leads will reduce or eliminate it. Of course if the
> power supply is only on
> when transmitting it doesn't matter, otherwise you
> may sit listening to the
> power supply roaring thinking its a high ambient
> noise level. I believe the
> noise level is higher at lower frequencies. The
> 3B28 is significantly
> quieter or noise-free. (Measurements anyone?)
>
> Richard Brunner, AA1P, rbrunner@...
>
>
> ---
> List Owner: Duane Fischer W8DBF For Assistance:
> dfischer@...
> ---
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# 647. Re: [BoatAnchors] 866A or 3B28...???

Yahoo group: T-368_BC-610
Date: 2000-10-05 23:22:44 UTC
From: Joe Foley
Topic: 646  Message: 647

From the Boatanchors mailing list again:

--- Sandy Blaize <ebjr@...> wrote:
> > Back in 1962 I built a 4x811A linear that had
> 866's in the power
> > supply. It really was noisy but worse.. the tubes
> kept crapping out. I
> > switched to some 3B28's that were in some old
> radar cabinets that I had
> > acquired and they are still in service (and
> quiet).
> One of the biggest troubles with 866A's and other
> MV rectifiers
> is inadequate warm-up time. If the tubes are pulled
> out and laid
> on their sides, or when initially placed in service,
> should be
> run with filament voltage only for at least 10-15
> minutes!!
> Subsequent warm-up time should be at least 1-1.5
> minutes.
> Failure to do this will shorten the life of the
> tubes. If properly
> cared for, the 866A's should last quite a long time.
> The 3B28's
> require no such "seasoning period" and long warmup
> time, so
> were popular. Some rigs made no provision for
> delaying the
> application of high voltage until the delay time was
> acheived.
> When I was with Mackay Radio, most of the Mackay
> shipboard
> transmitters had 866A's, a few had 872A's. It was
> VERY rare
> to encounter a bad tube as Mackay made provision
> with delay
> relays to prevent the application of HV until the
> warmup time
> was completed.
>
> 73,
> Sandy W5TVW
>
> ---

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> dfischer@...
> ---
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# 648. Re: [BoatAnchors] 866A or 3B28...???

Yahoo group: T-368_BC-610
Date: 2000-10-05 23:47:39 UTC
From: Joe Foley
Topic: 646  Message: 648

And one from Nolan:

--- Nolan Lee <nlee@...> wrote:
> At 02:21 PM 10/5/00 -0500, you wrote:
>
> >One of the biggest troubles with 866A's and other
> MV rectifiers
> >is inadequate warm-up time. If the tubes are
> pulled out and laid
> >on their sides, or when initially placed in
> service, should be
> >run with filament voltage only for at least 10-15
> minutes!!
> >Subsequent warm-up time should be at least 1-1.5
> minutes.
> >Failure to do this will shorten the life of the
> tubes.
>
> Agreed. This was mentioned at length in the old RCA
> TT-3, TT-4,
> and TT-5 transmitting tube manuals.
>
> This also applies to the number 83 rectifier tube
> used in the
> Hickok design tube testers, both commercial and
> military. The
> number 83 rectifiers used in these are laying on
> their side
> even though the tubes were designed to use only in
> the upright
> position. In addition, the tube testers are often
> moved to the
> bench while cold. This increases the chance of
> liquid mercury
> contaminating the heater/cathode. I've also seen
> these tubes
> flash over because of mercury droplets between the
> heater/cathode
> and the ends of the plates.
>
> I make it a point to always let the tube testers
> warm up for
> about fifteen minutes or so before using them or
> allowing B+
> to hit the rectifier. As expensive as the number

> 83's are
> becoming, it's cheap insurance.
>
> nolan
>
>
> Survival Kit contents check. In them you will find:
> one 45 caliber
> automatic, two boxes of ammunition, four days
> concentrated emergency
> rations, one drug issue containing antibiotics,
> morphine, vitamin pills,
> pep pills, sleeping pills, tranquilizer pills, one
> miniature combination
> Rooshan phrase book and Bible, one hundred dollars
> in rubles, one hundred
> dollars in gold, nine packs of chewing gum, one
> issue of prophylactics,
> three lipsticks, three pair of nylon stockings --
> shoot, a fellah could
> have a pretty good weekend in Vegas with all that
> stuff...." ---Dr.
> Strangelove---
>
>
> ---
> List Owner: Duane Fischer W8DBF For Assistance:
> dfischer@...
> ---
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# 649. Re: [BoatAnchors] 866A or 3B28...???

Yahoo group: T-368_BC-610
Date: 2000-10-06 01:32:40 UTC
From: Joe Foley
Topic: 646  Message: 649

But there's more!

--- Nolan Lee <nlee@...> wrote:
> At 04:39 PM 10/5/00 -0700, you wrote:
>
> >How does the 5Z3 compare to the 83? I show it as a
> >direct replacement.
>
> Not in a tube tester. One of the reasons that the
> number 83 was
> so popular in tube testers was that the voltage drop
> across them
> is constant and doesn't vary with the load.
> Conventional vacuum
> tube rectifiers have varying voltage drops depending
> on the amount
> of current drawn thru them. When you look at how
> widely the current
> requirements for testing different tubes are,
> meaningful calibration
> of the tube tester would be impossible.
>
> About the only viable substitute for the number 83
> in a tube
> tester would be solid state rectifiers and a couple
> of resistors
> to simulate the center tap.
>
> Give me a day or two and I can dig the info out.
> Test equipment
> guru Alan Douglas is the one that worked the design
> out and posted
> it in one of the news groups a couple of years ago
> if I remember
> right.
>
> nolan
>
>
> Survival Kit contents check. In them you will find:
> one 45 caliber
> automatic, two boxes of ammunition, four days
> concentrated emergency
> rations, one drug issue containing antibiotics,
> morphine, vitamin pills,

> pep pills, sleeping pills, tranquilizer pills, one
> miniature combination
> Rooshan phrase book and Bible, one hundred dollars
> in rubles, one hundred
> dollars in gold, nine packs of chewing gum, one
> issue of prophylactics,
> three lipsticks, three pair of nylon stockings --
> shoot, a fellah could
> have a pretty good weekend in Vegas with all that
> stuff...." ---Dr.
> Strangelove---
>

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# 650. Re: [T-368_BC-610] Re: [BoatAnchors] 866A or 3B28...???

Yahoo group: T-368_BC-610
Date: 2000-10-06 13:27:18 UTC
From: tbigelow@pop.state.vt.us
Topic: 646  Message: 650

So THAT'S what those little mica caps were added to the 872A plate leads in the KW-1 for! And they(those who know?)told me to clip them out to improve audio....huh. Well, that was 10 years ago now, and this proves the old saying...

"You learn something new everyday"

I like my mom's old saying, too(it applies to me more than I'd care to admit)

"It's what you learn after you know it all that counts"

Now, where did I leave those 3B28s......

One thing in their favor, though - nothing looks quite as nice in a dark room as the purple/blue glow of an 866 or 872 that's just lit off...

73, Boomer KA1KAQ

Joe Foley wrote:

> >From the Boatanchors mailing list, if you're
> considering using them for the T-368.
>
> --- Richard Brunner <rbrunner@...> wrote:
> > "Is there any noticeable difference as far as
> > spectral purity is
> > concerned in using the 3B28 over the 866A...?? I
> > have seen the 3B28
> > listed as "low-noise", but is it noticeable...???
> > 73 de Jordan...."
> >
> > Yes! Any mercury-vapor rectifier; 816, 866, 866A,
> > 872A, among others, is a
> > prolific rf noise generator. RF chokes and bypass
> > capacitors in the plate
> > leads will reduce or eliminate it. Of course if the
> > power supply is only on
> > when transmitting it doesn't matter, otherwise you
> > may sit listening to the
> > power supply roaring thinking its a high ambient
> > noise level. I believe the
> > noise level is higher at lower frequencies. The
> > 3B28 is significantly
> > quieter or noise-free. (Measurements anyone?)
> >
> > Richard Brunner, AA1P, rbrunner@...

> >
> >
> > ---
> > List Owner: Duane Fischer W8DBF For Assistance:
> > dfischer@...
> > ---
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>

# 651. Re: [MilSurplus] Re: Coastal equipment-BC-610 Boatanchors

Yahoo group: T-368_BC-610
Date: 2000-10-11 00:06:17 UTC
From: Joe Foley
Topic: 651  Message: 651

Anybody got an answer for this guy?

--- w5vpq@... wrote:
> Group:
>
> Skip's story about the Dubose Marine stuff puts me
> in mind of another
> boatanchor mystery which someone may be able to
> solve. Back in the 70s,
> I was somewhere on the Texas Gulf coast (Palacios?
> Port O'Connor?
> Seadrift? Rockport? Don't remember.) and observed a
> small portable
> building with a guyed tower next to it sitting out
> in a field. What
> attracted my attention were the insulators in the
> guy wires, and the fact
> that the tower was way too short for the broadcast
> band and had no VHF
> antenna on it, one or the other usually being the
> case. I moseyed over
> and peered in the window and saw a BC-610 with the
> tubes burning
> brightly, and the meters well upscale, churning away
> apparently producing
> an unmodulated carrier. I think there may also have
> been a control
> receiver, but that part is very fuzzy. Over the
> years I've put together
> that this was a fixed beacon between 1600 and 1800
> kHz for offshore
> marine navigation/triangulation, but the question
> is: What happened to
> the BC-610s???? I believe there were dozens of them
> strung along the
> Gulf coast, but I have no idea who they belonged to,
> or where they went.
> Anyone know?
>
> George W5VPQ
>

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>
> ---
> Submissions milsurplus@...

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# 652. Re: [MilSurplus] Re: Coastal equipment-BC-610 Boatanchors

Yahoo group: T-368_BC-610
Date: 2000-10-11 16:18:38 UTC
From: Joe Foley
Topic: 651  Message: 652

--- "ROBERT W. DOWNS" <RWDowns_WA5CAB@...>
wrote:
> Message text written by INTERNET:w5vpq@...
> >marine navigation/triangulation, but the question
> is: What happened to
> the BC-610s???? I believe there were dozens of them
> strung along the
> Gulf coast, but I have no idea who they belonged to,
> or where they went.
> Anyone know?<
>
> Don't know, George. I used to go to Rockport
> several times every summer
> (in-laws had a trailer there) but don't recall ever
> hearing the locals
> mention anything like that. But that brings to mind
> another mystery. In
> the mid-60's the Corps of Engineers had quite a few
> BC-610-C's and -D's
> scattered around Arkansas. I spent the summer of
> '65 installing the
> Motorola MoTrak's and bases that replaced them.
> Some years later, I tried
> to find out what happened to the 610's but never
> picked up the trail.
>
> Robert Downs
> <RWDowns_WA5CAB@...>
> Houston
>
> ---
> Submissions milsurplus@...

_____
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# 653. Re: [T-368_BC-610] Re: [MilSurplus] Re: Coastal equipment-BC-610 Boatanchors

Yahoo group: T-368_BC-610
Date: 2000-10-11 17:31:08 UTC
From: Jack Taylor
Topic: 651  Message: 653

That's a good question, where did all the BC-610's go? There must have been thousands and thousands produced. Seems like only a small fraction remains within the ham community. I remember seeing a couple of them sitting on an upper outdoor balcony of a hotel in downtown Saigon in 1968. My guess was that they'd been replaced by something more modern by one on the news services.

73 de Jack

-----Original Message-----
From: Joe Foley <redmenaced@...>
To: T-368_BC-610@egroups.com <T-368_BC-610@egroups.com>
Date: Wednesday, October 11, 2000 10:20 AM
Subject: [T-368_BC-610] Re: [MilSurplus] Re: Coastal equipment-BC-610 Boatanchors

>
>
>--- "ROBERT W. DOWNS" <RWDowns_WA5CAB@...>
>wrote:
>> Message text written by INTERNET:w5vpq@...
>> >marine navigation/triangulation, but the question
>> is: What happened to
>> the BC-610s???? I believe there were dozens of them
>> strung along the
>> Gulf coast, but I have no idea who they belonged to,
>> or where they went.
>> Anyone know?<
>>
>> Don't know, George. I used to go to Rockport
>> several times every summer
>> (in-laws had a trailer there) but don't recall ever
>> hearing the locals
>> mention anything like that. But that brings to mind
>> another mystery. In
>> the mid-60's the Corps of Engineers had quite a few
>> BC-610-C's and -D's
>> scattered around Arkansas. I spent the summer of
>> '65 installing the
>> Motorola MoTrak's and bases that replaced them.
>> Some years later, I tried
>> to find out what happened to the 610's but never
>> picked up the trail.
>>

>> Robert Downs
>> <RWDowns_WA5CAB@...>
>> Houston
>>
>> ---
>> Submissions milsurplus@...
>
>
>_____
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>
>
>
>
>

# 654. T-368 FOR SALE. PLEASE DONT RESPOND TO ME. READ AD

Yahoo group: T-368_BC-610
Date: 2000-10-14 00:25:19 UTC
From: W2ZR@aol.com
Topic: 654  Message: 654

Subject: F.S. T-368 AM TRANSMITTER 500W From: w9ub w9ub@... Date: 10/13/2000 6:51 PM Eastern Daylight Time Message-id: <39e7932d$0$1593$392904a7@...> I have a T-368 AM transmitter, it is one of the later units with engraved front panels and sealed relays. This transmitter works fine and can be heard on 75 AM phone. The vfo is very stable and it comes with new modulation tubes (4-125's) and six spares plus a new hard to find 6000 tube. The T-368 has a 4-400 tube for the final and a pair of 4-125's for the modulation tubes, it's audio stages have had values changed to make it sound good and this transmitter is in very good condition and works perfectly. Because of the weight of this unit (approximately 700 pounds) it is PICK UP ONLY. Serious calls only or e-mail. Thanks Chuck W9UB Located in New Berlin, WI. which is just west of MIlwaukee. Phone number is: 1-262-679-1721

# 655. Re: [T-368_BC-610] Digest Number 242

Yahoo group: T-368_BC-610
Date: 2000-10-15 19:54:58 UTC
From: Kristjan Ragnarson
Topic: 655  Message: 655

I can probably tell you what they were used for but where they
went is a puzzle to me. As an ex- seismic exploration (for
oil/gas) surveyor, we used 1600-1800 khz stations along the
coast for a navigation system called "Raydist" and a few other
namebrands that took 2 sta to fix the position (on the same
principle as LORAN). They were used quite extensively on the
Gulf of Mexico and Atlantic coasts.
73 Walt (N4GL)

>From: T-368_BC-610@egroups.com
>Reply-To: T-368_BC-610@egroups.com
>To: T-368_BC-610@egroups.com
>Subject: [T-368_BC-610] Digest Number 242
>Date: 11 Oct 2000 08:07:39 -0000
>
>
>There is 1 message in this issue.
>
>Topics in this digest:
>
> 1. Re: [MilSurplus] Re: Coastal equipment-BC-610 Boatanchors
> From: Joe Foley <redmenaced@...>
>
>
>_____________________________________________________________________
>_____________________________________________________________________
>
>Message: 1
> Date: Tue, 10 Oct 2000 17:06:17 -0700 (PDT)
> From: Joe Foley <redmenaced@...>
>Subject: Re: [MilSurplus] Re: Coastal equipment-BC-610 Boatanchors
>
>Anybody got an answer for this guy?
>
>
>
>
>
>
>--- w5vpq@... wrote:
> > Group:
> >
> > Skip's story about the Dubose Marine stuff puts me
> > in mind of another
> > boatanchor mystery which someone may be able to
> > solve. Back in the 70s,

> > I was somewhere on the Texas Gulf coast (Palacios?
> > Port O'Connor?
> > Seadrift? Rockport? Don't remember.) and observed a
> > small portable
> > building with a guyed tower next to it sitting out
> > in a field. What
> > attracted my attention were the insulators in the
> > guy wires, and the fact
> > that the tower was way too short for the broadcast
> > band and had no VHF
> > antenna on it, one or the other usually being the
> > case. I moseyed over
> > and peered in the window and saw a BC-610 with the
> > tubes burning
> > brightly, and the meters well upscale, churning away
> > apparently producing
> > an unmodulated carrier. I think there may also have
> > been a control
> > receiver, but that part is very fuzzy. Over the
> > years I've put together
> > that this was a fixed beacon between 1600 and 1800
> > kHz for offshore
> > marine navigation/triangulation, but the question
> > is: What happened to
> > the BC-610s???? I believe there were dozens of them
> > strung along the
> > Gulf coast, but I have no idea who they belonged to,
> > or where they went.
> > Anyone know?
> >
> > George W5VPQ
> >
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>
>
>_____________________________________________________
>Do You Yahoo!?
>Get Yahoo! Mail - Free email you can access from anywhere!
>http://mail.yahoo.com/
>
>
>_____________________________________________________________________

>_____
>
>
>

_____
Get Your Private, Free E-mail from MSN Hotmail at http://www.hotmail.com.

Share information about yourself, create your own public profile at
http://profiles.msn.com.

# 656. Re: [R-390] Good Transmitter?

Yahoo group: T-368_BC-610
Date: 2000-10-19 00:27:17 UTC
From: Joe Foley
Topic: 656  Message: 656

Well, maybe he really does want to sell it and he's
just kidding about the price.

--- twleiper@... wrote:
> On Tue, 17 Oct 2000 16:25:00 -0700 (PDT) Joe Foley
> <redmenaced@...>
> writes:
> >
> <SNIP>
> > Yer looking for that 750 pound T-368, what we call
> > Griz radio. But they're elusive and hard to
> > find,..... what they call on that auction place
> > R@RE! L@@K! W@W!
> >
>
> Have one in EC with spares. Will custom deliver to
> your basement
> anywhere in the lower 48 for $4,000. (I should
> bloody well think so!!)

_____
Do You Yahoo!?
Yahoo! Messenger - Talk while you surf! It's FREE.
http://im.yahoo.com/

# 657. Heads up! There's one for sale!

Yahoo group: T-368_BC-610
Date: 2000-10-19 01:59:46 UTC
From: Joe Foley
Topic: 657  Message: 657

Well,..... there is, we've just got to get Bruce
to tell us about it.

---
Do You Yahoo!?
Yahoo! Messenger - Talk while you surf! It's FREE.
http://im.yahoo.com/

# 658. PLEASE DONT REPLY TO ME. READ AD FOR REPLY INFO. TNX

Yahoo group: T-368_BC-610
Date: 2000-10-25 00:07:16 UTC
From: W2ZR@aol.com
Topic: 658  Message: 658

Subject: For Trade T-368 From: "Larry Saletzki" wa9vrh@... Date: 10/24/2000 6:44 PM Eastern Daylight Time Message-id: <8t53cb$16m$1@...> FOR TRADE ONLY T-368 Nice! Currently working on a.m. Trade for Broadcast Transmitter on 160 or 75 meters. Prefer something in the Midwest but all offers considered Call or leave e-mail. Steve W9NBC 414-389-5333 mel-0-dee@... (zero not the letter "o") Located Milwaukee area Please reply to Steve at the above e-mail address or phone number I am posting this for him Larry WA9VRH

# 659. T-368 Registry 10/28/00

Yahoo group: T-368_BC-610
Date: 2000-10-28 18:33:33 UTC
From: W2ZR@aol.com
Topic: 659  Message: 659

W2ZR w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI redmenaced@...
Bendix T-368 E #160
contract 3219-PP-59

WF2U mbendror@...
B&W T-368E #628
contract 15117-PP-62

W8KXR jtone@...
B&W T-368C #216
contract 43056-P-55

Bendix T-368C #209
contract 3219-PP-59

W4WSZ bobm@...
Stromberg-Carlson T-368D #161

KF2JQ jprusso@...
(awaiting details)

WB3FAU wb3fau@...
Oneida T-368F #192
contract 15498-PP-63

KA3OTT kazott@...
B&W T-368C #018
contract 43056-P-56

KW1I Dale.Gagnon@...
AMF T-368A #62
contract 25209-PHILA-54

W3NP daveh@...
B&W T-368E #575
contract 15117-PP-62

KD1YT tlewis@...
B&W T-368E #27
contract 15117-PP-62
overhauled at Pirmasens Army Depot

KX4R kx4rgc@...
Crosley T-368C #560
contract 21316-PH-56

WB6DXR lesterw@...
B&W T-368 #18
contract 25633-Phila-53

W2HU reid.j.hagan@...
T-368 #138
(awaiting details)

W7QHO w7qho@...
B&W T-368 #129
contract 25633-PHILA-53

Crosley T-368C #237
contract 28459-PH-55

K2AUS w.d.gallagher@...
TRW T-368F #303
contract 14527(E)

N4FS n4fs@...
TRW T-368F #261
contract 14527(E)

WA1QHQ mark.donaldson@...
B&W T-368 #32
contract 25070-Phila-54

AE4IN ae4in@...
Daystrom T-368C #46
contract 28597-Phil-55

W5BVB plmills@...
Oneida T-368F #19
contract 15498-PP-63

N4KIA pradams@...
Crosley T-368C #275
contract 28459-PH-55

N2BC n2bc@...
T-368C

K4BVQ PHollifield@...
Bendix T-368E #118
contract 3219-PP-59
overhauled at Pirmasens Army Depot

KF4TP olaf@...
TRW T-368F #190
contract 14527(E)

KE7KK ke7kk@...
Stromber-Carlson T-368D #33

W9QM r_longworth@...
T-368
(awaiting details)

K9RJ jandrjor@...
Stromberg-Carlson T-368D #55

WA6IUR fly n ham@...
TRW T-368F #2
contract 14527(E)

W4TDC WA4TDC@...
Crosley T-368C #364
contract 28459-PH-55

# 660. Heavy Metal Thunder Night!

Yahoo group: T-368_BC-610
Date: 2000-10-30 21:16:17 UTC
From: W2ZR@aol.com
Topic: 660  Message: 660

AM Amateur Radio Reflector - http://www.bigcountry.com/w5ami

Announcing- The 1st Annual 160 Meter Heavy Metal Thunder Rally!

The event you've all been waiting for!

Date: Saturday night, December 23, 2000
Time: From sundown until ?
Frequency: 1885 KHz

QST...QST...QST...

All owner-operators of broadcast rigs [or any QRO gear using high fidelity broadcast components] are hereby invited to participate in the 1st Annual AMI/Electric Radio Heavy Metal rally and QSO party.

The objective is simply to meet and greet friends and to hear some of the finest-sounding radio one could ever hear on the ham bands in one exciting night.

While everyone is welcome, participants are asked to run as close to the legal power limit as possible.
SWLs, other listeners and participants will be asked to send in their vote for the best sounding station to Electric Radio, with the winner receiving an fabulous commemorative trophy.

More details later and in the November issue of Electric Radio.

Original Message by KD0HG on October 30, 2000 at 14:02:08

# 661. T-368 Registry 10/29/00

Yahoo group: T-368_BC-610
Date: 2000-10-30 21:39:17 UTC
From: W2ZR@aol.com
Topic: 661  Message: 661

W2ZR w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI redmenaced@...
Bendix T-368 E #160
contract 3219-PP-59

WF2U mbendror@...
B&W T-368E #628
contract 15117-PP-62

W8KXR jtone@...
B&W T-368C #216
contract 43056-P-55

Bendix T-368C #209
contract 3219-PP-59

W4WSZ bobm@...
Stromberg-Carlson T-368D #161

KF2JQ jprusso@...
(awaiting details)

WB3FAU wb3fau@...
Oneida T-368F #192
contract 15498-PP-63

KA3OTT kazott@...
B&W T-368C #018
contract 43056-P-56

KW1I Dale.Gagnon@...
AMF T-368A #62
contract 25209-PHILA-54

W3NP daveh@...
B&W T-368E #575
contract 15117-PP-62

KD1YT tlewis@...
B&W T-368E #27
contract 15117-PP-62
overhauled at Pirmasens Army Depot

KX4R kx4rgc@...
Crosley T-368C #560
contract 21316-PH-56

WB6DXR lesterw@...
B&W T-368 #18
contract 25633-Phila-53

W2HU reid.j.hagan@...
T-368 #138
(awaiting details)

W7QHO w7qho@...
B&W T-368 #129
contract 25633-PHILA-53

Crosley T-368C #237
contract 28459-PH-55

K2AUS w.d.gallagher@...
TRW T-368F #303
contract 14527(E)

N4FS n4fs@...
TRW T-368F #261
contract 14527(E)

WA1QHQ mark.donaldson@...
B&W T-368 #32
contract 25070-Phila-54

AE4IN ae4in@...
Daystrom T-368C #46
contract 28597-Phil-55

W5BVB plmills@...
Oneida T-368F #19
contract 15498-PP-63

N4KIA pradams@...
Crosley T-368C #275
contract 28459-PH-55

N2BC n2bc@...
T-368C

K4BVQ PHollifield@...
Bendix T-368E #118
contract 3219-PP-59
overhauled at Pirmasens Army Depot

KF4TP olaf@...
TRW T-368F #190
contract 14527(E)

KE7KK ke7kk@...
Stromber-Carlson T-368D #33

W9QM r_longworth@...
T-368
(awaiting details)

K9RJ jandrjor@...
Stromberg-Carlson T-368D #55

WA6IUR fly n ham@...
TRW T-368F #2
contract 14527(E)

W4TDC WA4TDC@...
Crosley T-368C #364
contract 28459-PH-55

# 662. T-368 Registry 10/30/00

Yahoo group: T-368_BC-610
Date: 2000-10-31 01:07:53 UTC
From: W2ZR@aol.com
Topic: 662  Message: 662

W2ZR w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI redmenaced@...
Bendix T-368 E #160
contract 3219-PP-59

WF2U mbendror@...
B&W T-368E #628
contract 15117-PP-62

W8KXR jtone@...
B&W T-368C #216
contract 43056-P-55

Bendix T-368C #209
contract 3219-PP-59

W4WSZ bobm@...
Stromberg-Carlson T-368D #161

KF2JQ jprusso@...
(awaiting details)

WB3FAU wb3fau@...
Oneida T-368F #192
contract 15498-PP-63

KA3OTT kazott@...
B&W T-368C #018
contract 43056-P-56

KW1I Dale.Gagnon@...
AMF T-368A #62
contract 25209-PHILA-54

W3NP daveh@...
B&W T-368E #575
contract 15117-PP-62

KD1YT tlewis@...
B&W T-368E #27
contract 15117-PP-62
overhauled at Pirmasens Army Depot

KX4R kx4rgc@...
Crosley T-368C #560
contract 21316-PH-56

WB6DXR lesterw@...
B&W T-368 #18
contract 25633-Phila-53

W2HU reid.j.hagan@...
T-368 #138
(awaiting details)

W7QHO w7qho@...
B&W T-368 #129
contract 25633-PHILA-53

Crosley T-368C #237
contract 28459-PH-55

K2AUS w.d.gallagher@...
TRW T-368F #303
contract 14527(E)

N4FS n4fs@...
TRW T-368F #261
contract 14527(E)

WA1QHQ mark.donaldson@...
B&W T-368 #32
contract 25070-Phila-54

AE4IN ae4in@...
Daystrom T-368C #46
contract 28597-Phil-55

W5BVB plmills@...
Oneida T-368F #19
contract 15498-PP-63

N4KIA pradams@...
Crosley T-368C #275
contract 28459-PH-55

N2BC n2bc@...
T-368C

K4BVQ PHollifield@...
Bendix T-368E #118
contract 3219-PP-59
overhauled at Pirmasens Army Depot

KF4TP olaf@...
TRW T-368F #190
contract 14527(E)

KE7KK ke7kk@...
Stromber-Carlson T-368D #33

W9QM r_longworth@...
T-368
(awaiting details)

K9RJ jandrjor@...
Stromberg-Carlson T-368D #55

WA6IUR fly n ham@...
TRW T-368F #2
contract 14527(E)

W4TDC WA4TDC@...
Crosley T-368C #364
contract 28459-PH-55

K9XH jleer@...
TRW T-368F #238
contract 14527(E)
overhauled at Pirmasens Army Depot

# 663. New Guy!

Yahoo group: T-368_BC-610
Date: 2000-11-04 00:36:04 UTC
From: Joe Foley
Topic: 663  Message: 663

--- AI2Q Alex <ai2q@...> wrote:
> No Joe, I used to work on those beautiful rigs when
> I was in the good ol' US
> Army back in the mid-1960s. I don't own one but I
> wish I did!
>
> However, I'd be delighted to be on your list. Many
> thanks.
>
> Vy 73, AI2Q, Alex in Kennebunk, Maine .-.-.
>
>

>
> Hi Alex,
>
> Do you have a T-368? Are you on my T-368/BC-610
> mailing list?
>
> Do you want to be?
>
> Joe
>
>
>
> --- AI2Q Alex <ai2q@...> wrote:
> > Hi all:
> >
> > My recently restored ancient Motorola R-390A
> > (contract 363-PH-54; SN 1857)
> > is working quite well now, and I'm able to hear
> > everything on it that I can
> > copy on my Ten-Tec Omni-V. BTW: my example appears
> > to be an intact all-Moto
> > set, and it *does* have a screened panel.
> >
> > However, I'm still experiencing some warble or
> > electromechanical instability
> > in the unit's Collins PTO. As per suggestions from
> > this group, I've cleaned
> > the spring on the PTO shaft, and have cleaned and
> > treated the leadscrew with
> > both Stabilant-22 and also Caig's deOxit.
> >
> > Although it's much better than what it was

> > originally, I'd still love to
> > have a smoothly running PTO like the ones I
> remember
> > when I serviced so many
> > of these sets back in my Signal Corps days of the
> > mid-1960s (I was a US Army
> > MOS-31E20 field radio repairman, pulling
> > component-level maintenance on
> > R-390As and R-392s and T-368s, and TR-718s
> [KWM2As],
> > etc. in the field).
> >
> > I spoke with "Dave" at Fair Radio, and he tells me
> > his company has some PTOs
> > available. My question to the group is what types
> > are "best?" I know this is
> > a perennial subject, but I thought perhaps
> > revisiting it might be
> > worthwhile, maybe even shedding some new light on
> > PTO selection, care and
> > feeding.
> >
> > Any thoughts?
> >
> > Vy 73, AI2Q, Alex in Kennebunk, Maine .-.-.

---------------------------------------------------
Do You Yahoo!?
From homework help to love advice, Yahoo! Experts has your answer.
http://experts.yahoo.com/

# 664. T-368 Registry 11/5/00

Yahoo group: T-368_BC-610
Date: 2000-11-05 15:51:57 UTC
From: W2ZR@aol.com
Topic: 664  Message: 664

W2ZR w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI redmenaced@...
Bendix T-368 E #160
contract 3219-PP-59

WF2U mbendror@...
B&W T-368E #628
contract 15117-PP-62

W8KXR jtone@...
B&W T-368C #216
contract 43056-P-55

Bendix T-368C #209
contract 3219-PP-59

W4WSZ bobm@...
Stromberg-Carlson T-368D #161

KF2JQ jprusso@...
(awaiting details)

WB3FAU wb3fau@...
Oneida T-368F #192
contract 15498-PP-63

KA3OTT kazott@...
B&W T-368C #018
contract 43056-P-56

KW1I Dale.Gagnon@...
AMF T-368A #62
contract 25209-PHILA-54

W3NP daveh@...
B&W T-368E #575
contract 15117-PP-62

KD1YT tlewis@...
B&W T-368E #27
contract 15117-PP-62
overhauled at Pirmasens Army Depot

KX4R kx4rgc@...
Crosley T-368C #560
contract 21316-PH-56

WB6DXR lesterw@...
B&W T-368 #18
contract 25633-Phila-53

W2HU reid.j.hagan@...
T-368 #138
(awaiting details)

W7QHO w7qho@...
B&W T-368 #129
contract 25633-PHILA-53

Crosley T-368C #237
contract 28459-PH-55

K2AUS w.d.gallagher@...
TRW T-368F #303
contract 14527(E)

N4FS n4fs@...
TRW T-368F #261
contract 14527(E)

WA1QHQ mark.donaldson@...
B&W T-368 #32
contract 25070-Phila-54

AE4IN ae4in@...
Daystrom T-368C #46
contract 28597-Phil-55

W5BVB plmills@...
Oneida T-368F #19
contract 15498-PP-63

N4KIA pradams@...
Crosley T-368C #275
contract 28459-PH-55

N2BC n2bc@...
T-368C

K4BVQ PHollifield@...
Bendix T-368E #118
contract 3219-PP-59
overhauled at Pirmasens Army Depot

KF4TP olaf@...
TRW T-368F #190
contract 14527(E)

KE7KK ke7kk@...
Stromber-Carlson T-368D #33

W9QM r_longworth@...
T-368
(awaiting details)

K9RJ jandrjor@...
Stromberg-Carlson T-368D #55

WA6IUR fly n ham@...
TRW T-368F #2
contract 14527(E)

W4TDC WA4TDC@...
Crosley T-368C #364
contract 28459-PH-55

K9XH jleer@...
TRW T-368F #238
contract 14527(E)
overhauled at Pirmasens Army Depot

WA4KCY sweetbay@...
TRW T-368F #358
contract 14527(E)

# 665. 4D21's on Ebay

Yahoo group: T-368_BC-610
Date: 2000-11-06 00:22:20 UTC
From: Joe Foley
Topic: 665  Message: 665

There are three new ones up for sale for about $6
each,.......... somebody grab them!!

Joe

_____
Do You Yahoo!?
Thousands of Stores. Millions of Products. All in one Place.
http://shopping.yahoo.com/

# 666. T-368 vfo/exciter on eBay

Yahoo group: T-368_BC-610
Date: 2000-11-09 23:01:44 UTC
From: W2ZR@aol.com
Topic: 666  Message: 666

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=493690582

# 667. BC-610 registry

Yahoo group: T-368_BC-610
Date: 2000-11-10 20:25:10 UTC
From: n6wig@netscape.net
Topic: 375  Message: 667

I never did hear back if someone volunteered to do the BC-610 registry. It was a while ago when I asked. So unless some else is doing it, send me your BC-610 info.

Model:
Manufacturer:
S/N

Both for the BC-610 and BC-614 if you have one. Please include your name and call lso.

73's

Mike, N6WIG
--
? /// ? ? <N6WIG@...>
? ?| ?Collector of Military and Vintage
? /|\ ? ?commuications equipment.
?N6WIG ? ? ? San Jose

# 668. West Coast MRCG Website

Yahoo group: T-368_BC-610
Date: 2000-11-15 15:40:18 UTC
From: n6wig@netscape.net
Topic: 668  Message: 668

The West Coast Military Radio Collectors Group WebSite has been Moved.
The new URL is: http://www.syzen.com/users/milradio/

There are no advertizements and it should be a lot faster as well. I will be redoing the site over the Holidays and would like input as to what you would like to see on the site. Also what browsers is everyone using? Currently I plan to make it compatable with IE 4.0 or greater and Netscape 4.0 or greater. If you are using other browsers, please let me know.

73's

Mike
--
? /// ? ? <N6WIG@...>
? ?| ?Collector of Military and Vintage
? /|\ ? ?commuications equipment.
?N6WIG ? ? ? San Jose

# 669. Hey! Look at this.

Yahoo group: T-368_BC-610
Date: 2000-11-20 23:30:43 UTC
From: Joe Foley
Topic: 669  Message: 669

http://home.stny.rr.com/n2bc/Boatanchors_T-368.htm

_____
Do You Yahoo!?
Yahoo! Calendar - Get organized for the holidays!
http://calendar.yahoo.com/

# 670. B&W vfo/exciter for T-368 on eBay. Maybe someone here can use it.

Yahoo group: T-368_BC-610
Date: 2000-11-21 13:31:43 UTC
From: W2ZR@aol.com
Topic: 670  Message: 670

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=505463921

# 671. T-368 Registry 11/22/00

Yahoo group: T-368_BC-610
Date: 2000-11-22 10:41:51 UTC
From: W2ZR@aol.com
Topic: 671  Message: 671

W2ZR w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI redmenaced@...
Bendix T-368 E #160
contract 3219-PP-59

WF2U mbendror@...
B&W T-368E #628
contract 15117-PP-62

W8KXR jtone@...
B&W T-368C #216
contract 43056-P-55

Bendix T-368C #209
contract 3219-PP-59

W4WSZ bobm@...
Stromberg-Carlson T-368D #161

KF2JQ jprusso@...
(awaiting details)

WB3FAU wb3fau@...
Oneida T-368F #192
contract 15498-PP-63

KA3OTT kazott@...
B&W T-368C #018
contract 43056-P-56

KW1I Dale.Gagnon@...
AMF T-368A #62
contract 25209-PHILA-54

W3NP daveh@...
B&W T-368E #575
contract 15117-PP-62

KD1YT tlewis@...
B&W T-368E #27
contract 15117-PP-62
overhauled at Pirmasens Army Depot

KX4R kx4rgc@...
Crosley T-368C #560
contract 21316-PH-56

WB6DXR lesterw@...
B&W T-368 #18
contract 25633-Phila-53

W2HU reid.j.hagan@...
T-368 #138
(awaiting details)

W7QHO w7qho@...
B&W T-368 #129
contract 25633-PHILA-53

Crosley T-368C #237
contract 28459-PH-55

K2AUS w.d.gallagher@...
TRW T-368F #303
contract 14527(E)

N4FS n4fs@...
TRW T-368F #261
contract 14527(E)

WA1QHQ mark.donaldson@...
B&W T-368 #32
contract 25070-Phila-54

AE4IN ae4in@...
Daystrom T-368C #46
contract 28597-Phil-55

W5BVB plmills@...
Oneida T-368F #19
contract 15498-PP-63

N4KIA pradams@...
Crosley T-368C #275
contract 28459-PH-55

N2BC n2bc@...
T-368C

K4BVQ PHollifield@...
Bendix T-368E #118
contract 3219-PP-59
overhauled at Pirmasens Army Depot

KF4TP olaf@...
TRW T-368F #190
contract 14527(E)

KE7KK ke7kk@...
Stromber-Carlson T-368D #33

W9QM r_longworth@...
T-368
(awaiting details)

K9RJ jandrjor@...
Stromberg-Carlson T-368D #55

WA6IUR fly n ham@...
TRW T-368F #2
contract 14527(E)

W4TDC WA4TDC@...
Crosley T-368C #364
contract 28459-PH-55

K9XH jleer@...
TRW T-368F #238
contract 14527(E)
overhauled at Pirmasens Army Depot

WA4KCY sweetbay@...
TRW T-368F #358
contract 14527(E)

Tom Leiper (no call yet) twleiper@...
Ecco Electronic Components T-368F #76
contract DAAB05-67-C0022

# 672. vac variable for T-368. Anyone need it?

Yahoo group: T-368_BC-610
Date: 2000-11-22 10:53:49 UTC
From: W2ZR@aol.com
Topic: 672  Message: 672

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=501289391

# 673. Re: [T-368_BC-610] vac variable for T-368. Anyone need it?

Yahoo group: T-368_BC-610
Date: 2000-11-22 12:54:26 UTC
From: plmills@attglobal.net
Topic: 672  Message: 673

Does anyone know if this is truly the correct part
number for the smaller T-368 vac variable... UCS-300?

Also, does anyone know a source for the 1/2 inch to 1/4
inch adapter?

thanks,
Phil
W5BVB

W2ZR@... wrote:
>
> http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=501289391
>
> eGroups Sponsor
> [click here]

# 674. Fwd: [T-368_BC-610] vac variable for T-368. Anyone need it?

Yahoo group: T-368_BC-610
Date: 2000-11-22 13:16:11 UTC
From: W2ZR@aol.com
Topic: 674  Message: 674

In a message dated 11/22/2000 8:12:10 AM Eastern Standard Time, W2ZR writes:

<< In a message dated 11/22/2000 8:09:37 AM Eastern Standard Time,
plmills@... writes:

<< Does anyone know if this is truly the correct part
number for the smaller T-368 vac variable... UCS-300?
It's the same as the one in my transmitter

Also, does anyone know a source for the 1/2 inch to 1/4
inch adapter?>>
Cant help you on that one Phil

73,
Steve W2ZR
>>

[Non-text portions of this message have been removed]

# 675. Re: [T-368_BC-610] vac variable for T-368. Anyone need it?

Yahoo group: T-368_BC-610
Date: 2000-11-22 15:36:17 UTC
From: Joe Foley
Topic: 672  Message: 675

Phil,

The one in my T-3 says VACAP, CORP Union City, NJ and
its a WC-300-42-10 there's also this number,
SM-B-184928. Patent # 2,511,338.

Ebay causes my browser to crash so I can't check it
for you, problem unknown, will try again later.

Joe

--- plmills@... wrote:
> Does anyone know if this is truly the correct part
> number for the smaller T-368 vac variable...
> UCS-300?
>
> Also, does anyone know a source for the 1/2 inch to
> 1/4
> inch adapter?
>
> thanks,
> Phil
> W5BVB
>
> W2ZR@... wrote:
> >
> >
>
http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=501289391
> >
> > eGroups Sponsor
> > [click here]
>

---------------------------------------------------
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# 676. Put this guy on the reflector if he's not already. Tnx.

Yahoo group: T-368_BC-610
Date: 2000-11-22 15:53:35 UTC
From: Joe Foley
Topic: 676  Message: 676

Got him!

'nother reugee from the R-390 mailing list.

Very interesting! This solves my T-3 identity problem
I have the same information on the rear corner of my
RF deck. So now I know that my T-3 is an "F" model,
the Modulator deck is an "F", too. The front panel on
the RF deck is silk-screened, not stamped, everything
else is stamped, even the small panels on the RF deck.

Ecco Electronics? Never heard of 'em. That puts "F"
construction after 1967. I wonder if there were any
before that or if any other builders made them.

Another new Ham with a huge rig!!

Joe

> ADD:
>
> T-368F/URT
> SN# 76
> Ecco Electronics Components, Inc.
> Contract # DAAB05-67-C0022
>
> Tom Leiper
> Stamford, CT
>
> twleiper@...
>
> Will be getting ticket and on air in next year.
>
>

---
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# 677. Help on Collins VFO

Yahoo group: T-368_BC-610
Date: 2000-11-23 19:43:30 UTC
From: hvalver@hotmail.com
Topic: 677  Message: 677

Maybe some of you military collectors can help me!!!

Have an obviously oscillator subassembly that would
like to consider using for the VFO on the new WARC
ham bands with an old Viking II-CDC that I have
(could use conventional old ham VFO for the older
bands but need something for the 10/18/24 mhz bands.

This unit appears to have "maybe" come out of an
AN/ART-13, Navy TDH (big 5kw jobbie) transmitter
(as that is the only places I have seen these knobs)

All I know is;
1) Has "Colling Part Number 344E" embossed in
top of the subassy.
2) Uses an 837 tube
3) Knob on front (with small revolution counter)
like on ART-13 or TDH
4) Size: 12" deep x 4" wide x 4.5" high.

Does this ring any bells??? Can anyone supply data
(schematic, freq output, etc) or anything at all
on it??

Any/all help/info/input will be greatly appreciated.

73 Walt Treftz (N4GL) --- boomer1@... ---
or --- hvalver@... ---
3840 Laguna Loop
Hernando, FL 34442
(352) 637-1755

# 678. I am forwarding this to the list. Please dont reply to me.

Yahoo group: T-368_BC-610
Date: 2000-11-25 11:09:25 UTC
From: W2ZR@aol.com
Topic: 678  Message: 678

[Non-text portions of this message have been removed]

# 679. I'm forwarding this to the list. Reply to Jeff not me.

Yahoo group: T-368_BC-610
Date: 2000-11-25 11:12:01 UTC
From: W2ZR@aol.com
Topic: 679  Message: 679

Hello,
I am the proud owner of a T-368F transmitter, which has developed a problem. Transformer T6 on the speech amplifier subassembly has gone open primary. This is the transformer which matches the 6C4 plate to the grids of the 4-125 modulator tubes. I am interested in purchasing said transformer, or a complete speech amplifier subassembly, and I would be grateful for any information which you could give me. I do have some exciter plug-ins for parts if anyone wants to trade.
Best Regards,

Jeff Huselid WB6ZBX
Valley Communication Engineering
3145 S De Wolf Ave
Fresno, Ca 93725
Phone 559 268 3311
Fax 559 233 3414

# 680. Re: [T-368_BC-610] I'm forwarding this to the list. Reply to Jeff not me.

Yahoo group: T-368_BC-610
Date: 2000-11-25 14:27:45 UTC
From: Mike Feher
Topic: 679  Message: 680

In my T-368F I totally stripped the speech amplifier. Then carefully cut the top of the chassis off. On another piece of aluminum, the same size as the top, I built my current speech processor consisting of a pair of 2E26s and utilizing feedback from the plates of the 4-125s. The input transformer has two secondaries to allow for feedback to the grids of the 2E26s. This is similar to an old RCA scheme used in broadcast gear. I also remounted the same connector as on the old speech amp to the new aluminum plate. When done, I aluminum soldered the plate to the previously stripped speech amp. So it snaps in to the same location as the old one and if anyone ever wanted to they could put an original back in there. I found the original speech amp to be very frequency restrictive and the new on works superbly. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell NJ, 07731
(732) 901-9193

----- Original Message -----
From: <W2ZR@...>
To: <T-368_BC-610@egroups.com>
Sent: Saturday, November 25, 2000 6:12 AM
Subject: [T-368_BC-610] I'm forwarding this to the list. Reply to Jeff not me.

> Hello,
> I am the proud owner of a T-368F transmitter, which has developed a
> problem. Transformer T6 on the speech amplifier subassembly
> has gone open primary. This is the transformer which matches the 6C4
> plate to the grids of the 4-125 modulator tubes. I am interested in
> purchasing said transformer, or a complete speech amplifier subassembly,
> and I would be grateful for any information which you could give me.
> I do have some exciter plug-ins for parts if anyone wants to trade.
> Best Regards,
>
> Jeff Huselid WB6ZBX
> Valley Communication Engineering
> 3145 S De Wolf Ave
> Fresno, Ca 93725
> Phone 559 268 3311
> Fax 559 233 3414
>
>
>
>
>
>

# 681. Re: [T-368_BC-610] I'm forwarding this to the list. Reply to Jeff not me.

Yahoo group: T-368_BC-610
Date: 2000-11-25 23:42:56 UTC
From: Joe Foley
Topic: 679  Message: 681

OK,... so Mr. Mike doesn't want me to reply to
him,..... then I'll just reply to the whole list.

Antique Electronic Supply has a replacement for T-6 of
the speech amp for the T-368, if I remember right its
part number is P-T156 but then've screwed up their
website and the specs for the P-T156 aren't available
anymore, it also doesn't show in their catalog. When
I got mine they had a plain one and one with nickel
steel laminations for better frequency response. It
was only about $15.

Some of you have heard it on the air so you can judge
as to its performance.

Joe

--- Mike Feher <n4fs@...> wrote:
> In my T-368F I totally stripped the speech
> amplifier. Then carefully cut the
> top of the chassis off. On another piece of
> aluminum, the same size as the
> top, I built my current speech processor consisting
> of a pair of 2E26s and
> utilizing feedback from the plates of the 4-125s.
> The input transformer has
> two secondaries to allow for feedback to the grids
> of the 2E26s. This is
> similar to an old RCA scheme used in broadcast gear.
> I also remounted the
> same connector as on the old speech amp to the new
> aluminum plate. When
> done, I aluminum soldered the plate to the
> previously stripped speech amp.
> So it snaps in to the same location as the old one
> and if anyone ever wanted
> to they could put an original back in there. I found
> the original speech amp
> to be very frequency restrictive and the new on
> works superbly. 73 - Mike
>
>
>
> Mike B. Feher, N4FS
> 89 Arnold Blvd.
> Howell NJ, 07731

> (732) 901-9193
>
>
> ----- Original Message -----
> From: <W2ZR@...>
> To: <T-368_BC-610@egroups.com>
> Sent: Saturday, November 25, 2000 6:12 AM
> Subject: [T-368_BC-610] I'm forwarding this to the
> list. Reply to Jeff not
> me.
>
>
> > Hello,
> > I am the proud owner of a T-368F transmitter,
> which has developed a
> > problem. Transformer T6 on the speech amplifier
> subassembly
> > has gone open primary. This is the transformer
> which matches the 6C4
> > plate to the grids of the 4-125 modulator tubes. I
> am interested in
> > purchasing said transformer, or a complete speech
> amplifier subassembly,
> > and I would be grateful for any information which
> you could give me.
> > I do have some exciter plug-ins for parts if
> anyone wants to trade.
> > Best Regards,
> >
> > Jeff Huselid WB6ZBX
> > Valley Communication Engineering
> > 3145 S De Wolf Ave
> > Fresno, Ca 93725
> > Phone 559 268 3311
> > Fax 559 233 3414
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# 682. BC-610 owners list?

Yahoo group: T-368_BC-610
Date: 2000-11-26 16:27:30 UTC
From: w5omr@yahoo.com
Topic: 682  Message: 682

Did I read correctly, that someone wanted to start a list of BC-610's?

Add an E model.

What other specifics are needed?

73 = Best Regards,
-Jeff/W5OMR

# 683. Re: [T-368_BC-610] Digest Number 259

Yahoo group: T-368_BC-610
Date: 2000-11-28 01:59:26 UTC
From: GTB032161@aol.com
Topic: 683  Message: 683

Help I need a mod. transformer for a BC-610 I model.
George (N1TNQ)

[Non-text portions of this message have been removed]

# 684. Re: [T-368_BC-610] Help on Collins VFO

Yahoo group: T-368_BC-610
Date: 2000-11-28 02:39:12 UTC
From: Gene Beckwith
Topic: 677  Message: 684

Hi Walt,

Don't know if you received any info on ur vfo question? I've been QRT her on the reflector for a couple of months (more like most of the summer 8>( But, the 837 is the tube used in the ART/13...The units were plug in if I recall and there were several depending on the freq band needed...If you learn more...I'd like to know too...I've got a cosmetically very clean ART/13 ready for rehab and a ps project ...

73,

Gene
W8KXR in North Eastern Ohio

hvalver@... wrote:

> Maybe some of you military collectors can help me!!!
>
> Have an obviously oscillator subassembly that would
> like to consider using for the VFO on the new WARC
> ham bands with an old Viking II-CDC that I have
> (could use conventional old ham VFO for the older
> bands but need something for the 10/18/24 mhz bands.
>
> This unit appears to have "maybe" come out of an
> AN/ART-13, Navy TDH (big 5kw jobbie) transmitter
> (as that is the only places I have seen these knobs)
>
> All I know is;
> 1) Has "Colling Part Number 344E" embossed in
> top of the subassy.
> 2) Uses an 837 tube
> 3) Knob on front (with small revolution counter)
> like on ART-13 or TDH
> 4) Size: 12" deep x 4" wide x 4.5" high.
>
> Does this ring any bells??? Can anyone supply data
> (schematic, freq output, etc) or anything at all
> on it??
>
> Any/all help/info/input will be greatly appreciated.
>
> 73 Walt Treftz (N4GL) --- boomer1@... ---
> or --- hvalver@... ---
> 3840 Laguna Loop
> Hernando, FL 34442

> (352) 637-1755
>

# 685. Re: [T-368_BC-610] Digest Number 259

Yahoo group: T-368_BC-610
Date: 2000-11-28 16:04:40 UTC
From: n6wig@netscape.net
Topic: 683  Message: 685

Yes, I am. Please send the model, manuafacturer, serial number and order number. Also your name and call. I will you to the list. When I get a few more I will post the list so far.

73's

Mike

T-368_BC-610@egroups.com wrote:

> Message: 1
> Date: Sun, 26 Nov 2000 16:27:30 -0000
> From: w5omr@...
> Subject: BC-610 owners list?
>
> Did I read correctly, that someone wanted to start a list of BC-610's?
>
> Add an E model.
>
> What other specifics are needed?
>
> 73 = Best Regards,
> -Jeff/W5OMR

--
? /// ? ? <N6WIG@...>
? ?| ?Collector of Military and Vintage
? /|\ ? ?commuications equipment.
?N6WIG ? ? ? San Jose

# 686. T-368 Registry 11/29/00

Yahoo group: T-368_BC-610
Date: 2000-11-29 20:56:21 UTC
From: W2ZR@aol.com
Topic: 686  Message: 686

W2ZR w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI redmenaced@...
Bendix T-368 E #160
contract 3219-PP-59

WF2U mbendror@...
B&W T-368E #628
contract 15117-PP-62

W8KXR jtone@...
B&W T-368C #216
contract 43056-P-55

Bendix T-368C #209
contract 3219-PP-59

W4WSZ bobm@...
Stromberg-Carlson T-368D #161

KF2JQ jprusso@...
(awaiting details)

WB3FAU wb3fau@...
Oneida T-368F #192
contract 15498-PP-63

KA3OTT kazott@...
B&W T-368C #018
contract 43056-P-56

KW1I Dale.Gagnon@...
AMF T-368A #62
contract 25209-PHILA-54

W3NP daveh@...
B&W T-368E #575
contract 15117-PP-62

KD1YT tlewis@...
B&W T-368E #27
contract 15117-PP-62
overhauled at Pirmasens Army Depot

KX4R kx4rgc@...
Crosley T-368C #560
contract 21316-PH-56

WB6DXR lesterw@...
B&W T-368 #18
contract 25633-Phila-53

W2HU reid.j.hagan@...
T-368 #138
(awaiting details)

W7QHO w7qho@...
B&W T-368 #129
contract 25633-PHILA-53

Crosley T-368C #237
contract 28459-PH-55

K2AUS w.d.gallagher@...
TRW T-368F #303
contract 14527(E)

N4FS n4fs@...
TRW T-368F #261
contract 14527(E)

WA1QHQ mark.donaldson@...
B&W T-368 #32
contract 25070-Phila-54

AE4IN ae4in@...
Daystrom T-368C #46
contract 28597-Phil-55

W5BVB plmills@...
Oneida T-368F #19
contract 15498-PP-63

N4KIA pradams@...
Crosley T-368C #275
contract 28459-PH-55

N2BC n2bc@...
T-368C

K4BVQ PHollifield@...
Bendix T-368E #118
contract 3219-PP-59
overhauled at Pirmasens Army Depot

KF4TP olaf@...
TRW T-368F #190
contract 14527(E)

KE7KK ke7kk@...
Stromber-Carlson T-368D #33

W9QM r_longworth@...
T-368
(awaiting details)

K9RJ jandrjor@...
Stromberg-Carlson T-368D #55

WA6IUR fly n ham@...
TRW T-368F #2
contract 14527(E)

W4TDC WA4TDC@...
Crosley T-368C #364
contract 28459-PH-55

K9XH jleer@...
TRW T-368F #238
contract 14527(E)
overhauled at Pirmasens Army Depot

WA4KCY sweetbay@...
TRW T-368F #358
contract 14527(E)

Tom Leiper (no call yet) twleiper@...
Ecco Electronic Components T-368F #76
contract DAAB05-67-C0022

K0WRX PLCullum1823@...
B&W T-368C #305
contract 43056-P-56

# 687. Where'd it go?

Yahoo group: T-368_BC-610
Date: 2000-11-29 21:49:42 UTC
From: W2ZR@aol.com
Topic: 687  Message: 687

Hi Gang,
I tried to go to KG2IC's website but couldn't find it. Has he moved it somewhere else? It sure has a lot of good info for T-3 users and I wanted to refer a few new listmembers to it. Thanks.

73,
Steve W2ZR

# 688. BC-610 Registry

Yahoo group: T-368_BC-610
Date: 2000-11-30 03:39:31 UTC
From: n6wig@netscape.net
Topic: 688  Message: 688

Here is all I have thus far. If I missed anyone please email me your info.
I am also doing the BC-614 and BC-939 tuner as well.

73's

Mike, N6WIG

---
BC-610 Registry:

---
Call First Name Last Nme Model

N6WIG Mikhael Brown BC-610E

Manufacturer Serial Number

Hallicrafters 1242

---

Call First Name Last Nme Model

VE7MMH Mike Hardie BC-610E

Manufacturer Serial Number

Hallicrafters 435

---

Call First Name Last Nme Model

W2HYN Bill Shaw BC-610E

---

--
? /// ? ? <N6WIG@...>
? ?| ?Collector of Military and Vintage
? /|\ ? ?commuications equipment.
?N6WIG ? ? ? San Jose

# 689. T-368 Registry 11/30/00

Yahoo group: T-368_BC-610
Date: 2000-11-30 20:14:34 UTC
From: W2ZR@aol.com
Topic: 689  Message: 689

W2ZR w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI redmenaced@...
Bendix T-368 E #160
contract 3219-PP-59

WF2U mbendror@...
B&W T-368E #628
contract 15117-PP-62

W8KXR jtone@...
B&W T-368C #216
contract 43056-P-55

Bendix T-368C #209
contract 3219-PP-59

W4WSZ bobm@...
Stromberg-Carlson T-368D #161

KF2JQ jprusso@...
(awaiting details)

WB3FAU wb3fau@...
Oneida T-368F #192
contract 15498-PP-63

KA3OTT kazott@...
B&W T-368C #018
contract 43056-P-56

KW1I Dale.Gagnon@...
AMF T-368A #62
contract 25209-PHILA-54

W3NP daveh@...
B&W T-368E #575
contract 15117-PP-62

KD1YT tlewis@...
B&W T-368E #27
contract 15117-PP-62
overhauled at Pirmasens Army Depot

KX4R kx4rgc@...
Crosley T-368C #560
contract 21316-PH-56

WB6DXR lesterw@...
B&W T-368 #18
contract 25633-Phila-53

W2HU reid.j.hagan@...
T-368 #138
(awaiting details)

W7QHO w7qho@...
B&W T-368 #129
contract 25633-PHILA-53

Crosley T-368C #237
contract 28459-PH-55

K2AUS w.d.gallagher@...
TRW T-368F #303
contract 14527(E)

N4FS n4fs@...
TRW T-368F #261
contract 14527(E)

WA1QHQ mark.donaldson@...
B&W T-368 #32
contract 25070-Phila-54

AE4IN ae4in@...
Daystrom T-368C #46
contract 28597-Phil-55

W5BVB plmills@...
Oneida T-368F #19
contract 15498-PP-63

N4KIA pradams@...
Crosley T-368C #275
contract 28459-PH-55

N2BC n2bc@...
T-368C

K4BVQ PHollifield@...
Bendix T-368E #118
contract 3219-PP-59
overhauled at Pirmasens Army Depot

KF4TP olaf@...
TRW T-368F #190
contract 14527(E)

KE7KK ke7kk@...
Stromber-Carlson T-368D #33

W9QM r_longworth@...
T-368
(awaiting details)

K9RJ jandrjor@...
Stromberg-Carlson T-368D #55

WA6IUR fly n ham@...
TRW T-368F #2
contract 14527(E)

W4TDC WA4TDC@...
Crosley T-368C #364
contract 28459-PH-55

K9XH jleer@...
TRW T-368F #238
contract 14527(E)
overhauled at Pirmasens Army Depot

WA4KCY sweetbay@...
TRW T-368F #358
contract 14527(E)

Tom Leiper (no call yet) twleiper@...
Ecco Electronic Components T-368F #76
contract DAAB05-67-C0022

K0WRX PLCullum1823@...
B&W T-368C #305
contract 43056-P-56

W1ZD w1nml@...
TRW T-368F #64
contract 14527(E)

# 690. Manual for the T-368

Yahoo group: T-368_BC-610
Date: 2000-12-02 01:51:30 UTC
From: Joe Foley
Topic: 690  Message: 690

That's T-368 "F"!!

Yes, the "F" model!

A relative is the computer guru at a local university
that has an ROTC program. Out of curiosity I asked if
he'd pursue the elusive T-368F manual for me. The
result is that the CAPTAIN said he HAD one, ... but it
came up missing, ..... "No problem", says the Cpt,
"I'll just get another one through the normal
sources."

That's where I stand today,.......... waiting. But I
have faith in the Cpt.

We just may have an up-to-date manual on the way.

Joe

_____
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http://shopping.yahoo.com/

# 691. All Kinds of stuff ...

Yahoo group: T-368_BC-610
Date: 2000-12-02 15:47:55 UTC
From: Jim Berry
Topic: 691  Message: 691

Hello test ...

I noticed I was not seeing any of my messages that I thought I had posted to the reflector. Checked my address book, and I was probably just sending the messages to the listowner. Actually it may have been better, that way you do not have to put up with me.

While stirring around on eBay, I did see a complete T-368 that is being auctioned. The price is at $1625, and it lives in CT. I believe the auction number is 513817205.

I also just noticed a fella in BC has up for auction a T-368 exciter deck. The auction number is 1200272049, and I believe it is at $40.00

Test out ...

73 Jim K7SLI

# 692. T-368 Registry 12/2/00

Yahoo group: T-368_BC-610
Date: 2000-12-02 21:00:12 UTC
From: W2ZR@aol.com
Topic: 692  Message: 692

W2ZR w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI redmenaced@...
Bendix T-368 E #160
contract 3219-PP-59

WF2U mbendror@...
B&W T-368E #628
contract 15117-PP-62

W8KXR jtone@...
B&W T-368C #216
contract 43056-P-55

Bendix T-368C #209
contract 3219-PP-59

W4WSZ bobm@...
Stromberg-Carlson T-368D #161

KF2JQ jprusso@...
(awaiting details)

WB3FAU wb3fau@...
Oneida T-368F #192
contract 15498-PP-63

KA3OTT kazott@...
B&W T-368C #018
contract 43056-P-56

KW1I Dale.Gagnon@...
AMF T-368A #62
contract 25209-PHILA-54

W3NP daveh@...
B&W T-368E #575
contract 15117-PP-62

KD1YT tlewis@...
B&W T-368E #27
contract 15117-PP-62
overhauled at Pirmasens Army Depot

KX4R kx4rgc@...
Crosley T-368C #560
contract 21316-PH-56

WB6DXR lesterw@...
B&W T-368 #18
contract 25633-Phila-53

W2HU reid.j.hagan@...
T-368 #138
(awaiting details)

W7QHO w7qho@...
B&W T-368 #129
contract 25633-PHILA-53

Crosley T-368C #237
contract 28459-PH-55

K2AUS w.d.gallagher@...
TRW T-368F #303
contract 14527(E)

N4FS n4fs@...
TRW T-368F #261
contract 14527(E)

WA1QHQ mark.donaldson@...
B&W T-368 #32
contract 25070-Phila-54

AE4IN ae4in@...
Daystrom T-368C #46
contract 28597-Phil-55

W5BVB plmills@...
Oneida T-368F #19
contract 15498-PP-63

N4KIA pradams@...
Crosley T-368C #275
contract 28459-PH-55

N2BC n2bc@...
T-368C

K4BVQ PHollifield@...
Bendix T-368E #118
contract 3219-PP-59
overhauled at Pirmasens Army Depot

KF4TP olaf@...
TRW T-368F #190
contract 14527(E)

KE7KK ke7kk@...
Stromber-Carlson T-368D #33

W9QM r_longworth@...
T-368
(awaiting details)

K9RJ jandrjor@...
Stromberg-Carlson T-368D #55

WA6IUR fly n ham@...
TRW T-368F #2
contract 14527(E)

W4TDC WA4TDC@...
Crosley T-368C #364
contract 28459-PH-55

K9XH jleer@...
TRW T-368F #238
contract 14527(E)
overhauled at Pirmasens Army Depot

WA4KCY sweetbay@...
TRW T-368F #358
contract 14527(E)

Tom Leiper (no call yet) twleiper@...
Ecco Electronic Components T-368F #76
contract DAAB05-67-C0022

K0WRX PLCullum1823@...
B&W T-368C #305
contract 43056-P-56

W1ZD w1nml@...
TRW T-368F #64
contract 14527(E)

K8OF hamalot@...
T-368C
GDP 2/67

# 693. KENYON MODULATION XFRMR

Yahoo group: T-368_BC-610
Date: 2000-12-04 13:55:25 UTC
From: James M. Walker
Topic: 693  Message: 693

Greetings Fellow listers,
I have acquired a Kenyon model T-495 125 Watt modulation xfrmr,
I need the pin-out for it, want to match it up to a pair of 811/811A
triodes to modulate my ET-8010 on 160 meters.

Pin out info may be in the "Kenyon Ham Manual" any info would be
greatly appreciated. Thanks
Jim WB2FCN "Real Radio in Buffalo"

# 694. Re: [T-368_BC-610] Manual for the T-368

Yahoo group: T-368_BC-610
Date: 2000-12-05 03:49:58 UTC
From: Gene Beckwith
Topic: 690  Message: 694

Hi Joe,

Sounds like u have a real quest under way...

Re the T-368's here...am on the trail of a pice of alumunum for the 160 tuner...another ham works in fabrication shop the builds industrial electrical cabinets...so if he can find me pice in the scrap bin...shoud be ready to check out the parallel tuner for the dipole...slow going, but when ur scrounging, it takes lots of patience and 'waiting'...

73,

Gene

Joe Foley wrote:

> That's T-368 "F"!!
>
> Yes, the "F" model!
>
> A relative is the computer guru at a local university
> that has an ROTC program. Out of curiosity I asked if
> he'd pursue the elusive T-368F manual for me. The
> result is that the CAPTAIN said he HAD one, ... but it
> came up missing, ..... "No problem", says the Cpt,
> "I'll just get another one through the normal
> sources."
>
> That's where I stand today,.......... waiting. But I
> have faith in the Cpt.
>
> We just may have an up-to-date manual on the way.
>
> Joe
>
> _____
> Do You Yahoo!?
> Yahoo! Shopping - Thousands of Stores. Millions of Products.
> http://shopping.yahoo.com/
>

# 695. Re: [AMRadio] KENYON MODULATION XFRMR

Yahoo group: T-368_BC-610
Date: 2000-12-05 14:49:28 UTC
From: tbigelow@pop.state.vt.us
Topic: 695  Message: 695

I recall that someone reproduced this manual a year or so back - can't remember what list, might have seen it while reading through the 'pay for' boatanchors list. I was going to get a copy of it, then I got distracted and forgot about it for a long time.

Someone should recognize the name 'Kenyon' and reply, I would think -

73 de Todd/'Boomer' KA1KAQ

James M. Walker wrote:

> AM Amateur Radio Reflector - http://www.bigcountry.com/w5ami
>
> Greetings Fellow listers,
> I have acquired a Kenyon model T-495 125 Watt modulation xfrmr,
> I need the pin-out for it, want to match it up to a pair of 811/811A
> triodes to modulate my ET-8010 on 160 meters.
>
> Pin out info may be in the "Kenyon Ham Manual" any info would be
> greatly appreciated. Thanks
> Jim WB2FCN "Real Radio in Buffalo"
>
> _____
> To unsubscribe, write to AMRadio-unsubscribe@...
>
> Start Your Own FREE Email List at http://www.listbot.com/links/joinlb

# 696. T368F/URT operation/maintenance manual.

Yahoo group: T-368_BC-610
Date: 2000-12-06 22:58:57 UTC
From: Robert Waidtlow
Topic: 696  Message: 696

Dear members:
As a new member of this group I am very interested in acquiring a complete set of manuals for the T368F series equipment. If anyone can direct me to a place where I can purchase these manuals,I would appreciate if you would Email this information to <robert@...>. In the Army I used the model T368 for teletype transmission at White Sand New Mexico, however I did not keep for myself any of the many manuals that where laying around as only the BC610 were available then to MARS members.I am also looking to buy a F series, so if anyone knows the where abouts in california of one forsale please let me know.
Thanks to all.
Robert Waidtlow
K6SWS

# 697. Re: [T-368_BC-610] T368F/URT operation/maintenance manual.

Yahoo group: T-368_BC-610
Date: 2000-12-06 23:27:41 UTC
From: Joe Foley
Topic: 696  Message: 697

Welcome, Robert,

So far we haven't found a source for the "F" model
manual, we weren't even sure there was one. I have a
"maybe" source of one but that hasn't happened yet.

Joe

--- Robert Waidtlow <robert@...> wrote:
> Dear members:
> As a new member of this group I am very interested
> in acquiring a
> complete set of manuals for the T368F series
> equipment. If anyone can
> direct me to a place where I can purchase these
> manuals,I would
> appreciate if you would Email this information to
> <robert@...>. In the Army I used the
> model T368 for
> teletype transmission at White Sand New Mexico,
> however I did not keep
> for myself any of the many manuals that where laying
> around as only
> the BC610 were available then to MARS members.I am
> also looking to buy
> a F series, so if anyone knows the where abouts in
> california of one
> forsale please let me know.
> Thanks to all.
> Robert Waidtlow
> K6SWS
>
>
>

---------------------------------------------------
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# 698. Re: Important eGroups Moderator News

Yahoo group: T-368_BC-610
Date: 2000-12-08 05:11:15 UTC
From: Joe Foley
Topic: 698  Message: 698

> Dear eGroups Moderator,
>
> We have exciting news to share with you. We want you
> to be among the
> first to know that eGroups and Yahoo! Clubs will be
> merging. The new
> service will be called Yahoo! Groups.
>
> WHAT'S HAPPENING WITH EGROUPS?
>
> eGroups will now be called Yahoo! Groups. Don't
> worry, all eGroups
> email and web addresses will continue to work, all
> data and event
> ownership will be maintained, and your entire group
> membership will
> carry over.
>
> Everything you love about eGroups will still be
> around. Yahoo! Groups
> will continue to be a free service, and all the main
> features you use
> now will continue to be a part of the new Groups
> service. We'll begin
> to internationalize Yahoo! Groups after we've
> launched the service in
> the United States. In the interim, you will be able
> to use the
> international versions of eGroups.
>
> WHAT'S NEW?
>
> Yahoo! Groups will have lots of new features and
> even better
> customization. Upon launch, you will be able to:
>
> * Chat with other group members using our improved
> Yahoo! Chat.
> * Add a splash of color to your group, or a main
> page photo, all
> without knowing HTML.
> * See when group members are online and communicate
> with group members
> in real time using Yahoo! Messenger.
> * Reach a larger audience. You will have the entire

> Yahoo! Network at
> your doorstep.
>
> And much, much more to come! The best part -- you
> won't have to do
> anything to your group to get it converted. This
> will all happen
> automatically. All you have to do to access this
> wide array of web
> functionality is merge your current eGroups account
> with a Yahoo! ID.
> For a detailed FAQ on this and other merger topics,
> please visit:
>
> http://help.yahoo.com/help/us/groups/info
>
> On behalf of everyone here at Yahoo Groups, thanks
> for being a
> moderator on our service.
>
>
> Sincerely,
>
> The Yahoo! Groups team

_____
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# 699. BC-939B antenna tuner

Yahoo group: T-368_BC-610
Date: 2000-12-09 11:49:07 UTC
From: W2ZR@aol.com
Topic: 699  Message: 699

Hi,
There's one for sale on eBay if anyone's interested. It looks to be in nice shape.

73,
Steve W2ZR

# 700. Last night's QSO

Yahoo group: T-368_BC-610
Date: 2000-12-10 16:19:22 UTC
From: Joe Foley
Topic: 700  Message: 700

Hi all,

Finally got to talk to KD0HG in Fort Collins, Colorado
with my T-368E/F. He heard me plainly even with my
poor quality carbon microphone and low modulation.
Gotta get that fixed.

There was a station on later in the night from Santa
Monica, Calif. but I could only hear his voice, no
words came through. I tried to relay through K4KYV
but never did find out if the California station could
actually hear me.

W7QHO, where were you last night? Conditions were
great!

I was told the mighty T-368 was putting a huge signal
into Baltimore, too.

Joe KG2CI

_____
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# 701. Re: [BoatAnchors] sale items

Yahoo group: T-368_BC-610
Date: 2000-12-15 23:47:19 UTC
From: Joe Foley
Topic: 701  Message: 701

Might be for a BC-610,..... or it might not.

--- sx28@... wrote:
> BC-457 transmitter in beautiful alumunin case
> 4-6.3mz looks complete
> Heathkit SSB generator with chrome knobs..looks like
> kinda new
> HD-15 phone patch
> HD-15 swr slimline power meter
> Hallicrafters HT-40 transmitter did work last summer
> Globe Scout Delux transmitter..needs plate relay
> Knight aircraft monitor in real nice cabinet
> J-2481 interconnecting control box...military color
> with 100 mill and
> 50vdc meters and large master switch circuit
> breaker. I think this is
> for the BC-610 or T-195 to connect the rtty
> machines, but not sure. It
> has many connections and looks like new...larger
> than a shoe box and
> weighs about 20 pounds.
> Send response to ni9y@... phone 219-259-9445
> South Bend, Indiana
>

---------------------------------------------------------------------
> GET INTERNET ACCESS FROM JUNO!
> Juno offers FREE or PREMIUM Internet access for
> less!
> Join Juno today! For your FREE software, visit:
> http://dl.www.juno.com/get/tagj.
>
> ---
> List Owner: Duane Fischer W8DBF For Assistance:
> dfischer@...
> ---
> This list is sponsored by Sandhills Technical
> Service, Inc.
> Complete service on vintage equipment and more!
> Find out about our services at:
> http://www.qsl.net/n4kvp/
>

_____________________________________________
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# 702. How much?

Yahoo group: T-368_BC-610
Date: 2000-12-18 04:16:32 UTC
From: Joe Foley
Topic: 702  Message: 702

That last T-368 to get sold on Ebay.

How much did it go for and what kind of shape was it
in?

Thanks,

Joe

---------------------------------------------------
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http://shopping.yahoo.com/

# 703. Fwd: [T-368_BC-610] How much?

Yahoo group: T-368_BC-610
Date: 2000-12-18 04:21:12 UTC
From: Joel Cumberland
Topic: 703  Message: 703

$1500.00
Looked pretty good to me.

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1201539904

Joel

---------- Forwarded Message ----------
Subject: [T-368_BC-610] How much?
Date: Sun, 17 Dec 2000 20:16:32 -0800 (PST)
From: Joe Foley <redmenaced@...>

That last T-368 to get sold on Ebay.

How much did it go for and what kind of shape was it
in?

Thanks,

Joe

_____
Do You Yahoo!?
Yahoo! Shopping - Thousands of Stores. Millions of Products.
http://shopping.yahoo.com/

---

# 704. Re: [T-368_BC-610] How much?

Yahoo group: T-368_BC-610
Date: 2000-12-18 23:07:36 UTC
From: tbigelow@pop.state.vt.us
Topic: 702  Message: 704

Not sure, Joe - I saw a nice 'F' model a week or so back, went for around $1725, I think. So depending on your position:

Average buyer: WAY too much!
Average seller: I'm in Heaven
Average dealer: Mine is worth three times the highest price paid, probably more
Wealthy buyer: Braggin' rights aren't cheap, if ya can't pay, don't play

How's that?

Boomer KA1KAQ

Joe Foley wrote:

> That last T-368 to get sold on Ebay.
>
> How much did it go for and what kind of shape was it
> in?
>
> Thanks,
>
> Joe
>
> _____
> Do You Yahoo!?
> Yahoo! Shopping - Thousands of Stores. Millions of Products.
> http://shopping.yahoo.com/
>

# 705. Old Military Radio Net, and other stuff.

Yahoo group: T-368_BC-610
Date: 2000-12-19 02:01:03 UTC
From: Joe Foley
Topic: 705  Message: 705

Hi List,

This net is on Saturday mornings at Y-A-W-N,... 5:00 AM. 3.885 MHz. Y-A-A-A-H-h-h-h-m. Then I go to work.

XXXXX

Also, Saturday, December 23, there will be a big get together on 160 Mtrs. for users of former broadcast rigs. Are we left out? I don't think so, T-368's and BC-610's were used for broadcasting, too, in a pinch. They were also used for exciters for bigger rigs.

XXXXXX

SATURDAY IS ALSO,.....!!!!! The 100th year aniversary of AM radio!

We have 74 subscribers to this list, we should be able to make a big presence on the air Saturday. Just in case anyone needed a reason to turn the rig on.

XXXXX

Working on my antenna for 160, that little oak tree in the back is getting quite tall, lots of branches to climb, it grows near the rest of the woods so the back has NO branches sticking out that side. I can pull my center insulator up to about 35 feet, not high, but it'll work. Now, I have enough space to put up a full wave dipole, 260' per side? How tough is it to tune a full wave, or should I just go with a half wave and be happy?

_____
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# 706. Re: [T-368_BC-610] Old Military Radio Net, and other stuff.

Yahoo group: T-368_BC-610
Date: 2000-12-19 02:18:39 UTC
From: w7qho@aol.com
Topic: 705  Message: 706

In a message dated 12/18/00 6:02:36 PM, redmenaced@... writes:

>Hi List,
>
>This net is on Saturday mornings at Y-A-W-N,... 5:00
>AM. 3.885 MHz. Y-A-A-A-H-h-h-h-m. Then I go to
>work.
>

All,

Sat. is also the 10th anniversary of the Old Military Radio Net!

Dennis D. W7QHO
Glendale, CA

# 707. 160m AM Bash Tonight

Yahoo group: T-368_BC-610
Date: 2000-12-23 20:08:52 UTC
From: W2ZR@aol.com
Topic: 707  Message: 707

Final call for participants and listeners of the 1st Annual AM International Heavy Metal Rally, tonight, December 23 from sundown until ?.

Light up or sit back and listen to our converted vintage broadcast transmitters, military iron like the famous BC-610, and the Collins KW-1s and 30-K.

Frequency: 1885 KHz primary, 1880 (western USA), also try 3885 KHz.

Listeners and participants are asked to send in a vote for the best sounding station to Electric Radio magazine-
14643 County Road G, Cortez, CO 81321-9575
The station tallying the most votes will be awarded a trophy commemorating their hard work and professionalism.

73,

Bill, KD0HG
Rocky Mountain Director
AM International

# 708. Sell or Trade: BC-610 and Accessories

Yahoo group: T-368_BC-610
Date: 2000-12-25 01:47:37 UTC
From: Craig McCartney
Topic: 708  Message: 708

First, this is PICK-UP ONLY, San Francisco Area (for obvious reasons!).

I have a BC-610 system that I want to dispose of. I have not had it on the air since the late '60s (in Germany) so it can only be described as a complete parts system, or a ground-up restoration project for the serious enthusiast. I will provide a complete list of items, including serial numbers, to all serious inquiries. Briefly, the system includes a T-213/GRC-26 (very late model BC-610), a BC-614 speech amp, a set of cables to connect the two, a number of plug-in tuning units for the MO, a number of plug-in coils for the final and several manuals. No antenna tuner, sorry. The tubes have been removed and I may be able to find some of them, but have no idea about their condition.

I am immensely enjoying rebuilding and using R-390A receivers so I would accept in trade one R-390A in pristine condition (HI HI). Seriously, I would be happy to get one in any condition, including a basket case parts unit or an equivalent pile of R-390A spare modules/parts.

If I don't get a reasonable trade offer, I will accept coin of the realm. Any offer with three figures to the left of the decimal point will be considered.

Are you're curious why I am posting this on Christmas Eve? Disposing of this radio is a Christmas present to the woman of my life; she has been after me for a long time to get rid of "that junk". Merry Christmas, Joan.

73,
Craig

# 709. MRCG 2001

Yahoo group: T-368_BC-610
Date: 2000-12-26 21:14:50 UTC
From: w7qho@aol.com
Topic: 709  Message: 709

Military Radio Collectors Group Meeting 2001

Time to mark your calendars for the sixth annual meeting of the Military Radio Collectors Group (MRCG). The 2001 meeting will be held on the 5th and 6th of May at Camp San Luis Obispo, CA.

Friday will be devoted to equipment setup, operating events and informal get-togethers at the NCO Club and the adjacent RV area. Those wishing to setup and operate may do so under their own calls. The swap meet starts Saturday (6 May) at sunup in the parking area adjacent to the Club, and the formal program will follow at 0900. A full program of speakers and demonstrations will be presented.

Pizza will be available Friday evening and a BBQ lunch is planned for Saturday.

Numerous examples of both vintage and modern equipment will be in operation and on display throughout the meet.

For more information contact Dennis DuVall, W7QHO (w7qho@...); Trish Gibbons, WA6UBE (wa6ube@...); or Hank Brown, W6DJX (htbrown@...).

# 710. Re: MRCG 2001

Yahoo group: T-368_BC-610
Date: 2000-12-27 00:06:04 UTC
From: w7qho@aol.com
Topic: 709  Message: 710

All,

Make that May 4 &5. Early birds start gathering the day before in the RV park, BTW.

Dennis D. W7QHO

# 711. BC-610E Coil Unit

Yahoo group: T-368_BC-610
Date: 2000-12-29 15:54:13 UTC
From: hardiem@intergate.ca
Topic: 711  Message: 711

I need to buy or make an 80M coil unit for a BC-610E, the large plug-in one with 5 banana pins in the plate circuit. The designation is C-388-C. Does anyone have a surplus-to-requirements one for sale or know the specs to build one. (dimensions of coils, guages of wire etc.)

# 712. Re: [T-368_BC-610] BC-610E Coil Unit

Yahoo group: T-368_BC-610
Date: 2000-12-29 17:19:11 UTC
From: Jack Taylor
Topic: 711  Message: 712

I have a C-388-A (3.5-4.5 Mc) here. Am of the impression there are two styles, fixed or variable coupling links. The 'A is a fixed coupling link. Which I guess is intended for use with the tuner. No, not for sale.

Looks like 23 turns of # 14 enamaled wire, about 4 inches long and 3.5 inch diameter. The fixed coupling loop is 2 turns of #14 tinned about 3/16 inch spacing and a 1/4 inch from the outside of the primary coil.

73 de Jack

-----Original Message-----
From: hardiem@... <hardiem@...>
To: T-368_BC-610@egroups.com <T-368_BC-610@egroups.com>
Date: Friday, December 29, 2000 8:54 AM
Subject: [T-368_BC-610] BC-610E Coil Unit

>I need to buy or make an 80M coil unit for a BC-610E, the large plug-
>in one with 5 banana pins in the plate circuit. The designation is C-
>388-C. Does anyone have a surplus-to-requirements one for sale or
>know the specs to build one. (dimensions of coils, guages of wire
>etc.)
>
>
>
>
>
>

# 713. Re: [T-368_BC-610] BC-610E Coil Unit

Yahoo group: T-368_BC-610
Date: 2000-12-29 22:23:05 UTC
From: Joe Foley
Topic: 711  Message: 713

> >I need to buy or make an 80M coil unit for a
> BC-610E, the large plug-
> >in one with 5 banana pins in the plate circuit.
> The designation is C-
> >388-C. Does anyone have a surplus-to-requirements
> one for sale or
> >know the specs to build one. (dimensions of coils,
> guages of wire
> >etc.)
++++++++++
See what you can find in this guys list, there's a
bunch of stuff here.

I have no idea how this guy is to deal with, never
bought anything from him. He's a commercial radio
rapair guy.

His E-mail address is in there somewhere to.

Joe

Dennis R Starks <military-radio-guy@...> | Block
address
Add Addresses

MY WANTS, TRAFES, AND FREE STUFF;

FREE (if ya cum get um);

It's all FREE but you must cum get it, I don't have
time ta box/ship
it.

GE "Coffin" trans & rec combo's. Pretty sure these are
lowband. 2ea
pairs
avail.

GE Mastr Pro, lowband(6mtr) & Highband(2mtr) 100w
mobiles. Got a bunch
of
um.

GE Mastr Pro Base/Repeater cabinet, still has some
guts in it.

Old Motorola VHF base in cabinet(real old tube type).

APW-11/RT-122B, IFF Transponder.

ARC-4/RT-19, parts radio. Missing trans tubes, Hammed up 110vac pwr sup
installed.

ARN-21/RT-220, TACAN transceiver.Works on 126 xtal controlled channels
900-1200 MHz range. FR-GD cond.

BC-603(or maybe BC-683) vehicular FM receivers. Crummy shape. 2ea

For the VRC-19
T-278 Transmiter, no tubes. DY-98 pwr sup, 2 milk crates full of
modules,
Probably no tubes. some misc manuals.

PP-1398, 28vdc pwr sup ARR-39A.

RA-87, Rectifier 110vac to 110vdc for TTY stuff, Phila 43.
In nice wood transit case(CH-158).

Singer Panadaptor power supply. TMP-1b, 19" rack mnt.

D500-SAN, AC voltage regulator, 95-130vac/7a in 115vac 400cps out.

TT-76/GGC, teletype reperf/trans 2 avail.

MX-6707(AS-1729) Replacement springs, used.

PS-225

ARC-27/dyno

Precision Electronics, Mod 201 Signal Tracer. Uses 6X5, 6SJ7, & 6K6
tubes.
LM-21 Freq meter
ME-9 multi meter
Test Set, Turret Electrical.
TS-538B, signal generator, 1630 & 1730mc.
USM-128, Test Set Electrical Circuit.

B & K 707 Tube checker, looks like crap, works great, w/new set up
charts.

Measurements Mod 111 vintage Xtal calibrator w/man.

Military Test Equipment & Avionics manuals.

Lots more than this, bring a TRUCK!
I mean a TRUCK! No cars, no mini-vans, no
mini-pickups, nothin with
less
than V8 power of U.S. origin preferred.

See my Trade list below for other free stuff.

mailto:military-radio-guy@...
**********
MY TRADE LIST HIGHLIGHTS;
You will note that much of this equipment does have a
price on it, this
means that if I happen to be in a really good mood,
feel sorry for
you, or I'm hard up for money at the time, I might
sell it to you.
I/E I'd still much rather TRADE for something I need!
If there is no
price, the item is most likely not for sale, it's
trade only! So in
every
case, PLEASE study my want list before you ask.
---
MISC MILITARY:

JATO Pack, Mk 128, Mod 1, Rocket Motor. 2 avail, $150
pair(local pick
up
only)

6 x 6 Truck Bed, desert tan, 12' x 9', w/side boards &
seats, $275

Trailer, M-109, 1 1/2 ton, $250

Trailer, 1952 Bantum, Jeep. $600

Trailer, M-116, 1969, dual generator(less generators),
3/4 ton, w/ribs.
$275

Headphones, Navy Type CW-49507A". Used WW-II - 60's as
replacement for
HS-30 in Army & Navy. Correct for BC-1306, GRC-9,
GRR-5 etc. 600ohm, 8"
cord, PL-54 plug, with 5' extension cable & PL-55(1/4"
phone plug). NIB
w/man, $9.00ea(only a couple left)

M-4 Cap Blasting wire spools. Hand held spool of MANY
feet of wire.
Twin

lead stranded, rubberized(makes GREAT speaker wire).
$5ea about 20
avail.

Nicad Battery, packs for PRC-68, -126 etc. 15v
800mhr. Housed in
reusable aluminum battery box. New in sealed boxes.
$25, 4 avail

Printers, military field portable, small, housed in
water tight
cabinet,
CARC color, uses standard ribbons, missing screws & ?.
2ea for $40(or
FREE cum get um)

Tent poles & stakes for shelter halves, Dated in the
60's, unused. 20
or
more pole sections + 12 or more stakes. All $30 (or
FREE cum get um)
---
RADIOS:

GRR-17(R-1490), 2-30mc, solid state, all mode,
synthesized/mechanical
digital, receiver. Last radio to be built by National.
Ops from 24vdc
or
110vac. Less transit case, w/man & 110vac pwr cable.
Works great, exc
cond.

GRC-165,(Harris RF-301A) 2-15mc AM/SSB base/vehicular
transceiver.
Write.

PRT-4, PRR-9; 47-54mc, fm, 450mw, 2ch, xtal contr, hnd
hld trans & comp
helmit worn resc. First solid state set, interred
service 1964. PRT-4
"A"
models have 150cps tone for compatibility with
PRC-25/77 squelch.
#1, W/ant, xtal, bat box, GD cond chkd.PRT-4 $25.00.
#3, PRT-4A, w/ant, xtal, bat box, unused exc cond,
$30.00
#4, PRR-9, w/ant, rebuilt SAAD, carc color, unused exc
cond, $30.00 2
avail (manual $5.00 WSO)
BA-399 PRT-4 batteries, unused but out of date so most
likely dead.

$2ea
4 avail

PRC-9, 27-39mc, 1 watt FM backpack transceiver. $76

PRC-10, 38-54mc, 950 mw FM backpack transceiver. $80

PRC-25; 30-76mc, FM, 2-4w. First solid state
synthesized backpack
transceiver.
Several avail. (see MCGP Backmail #76)
Got one looks real nasty but works good. $125
New cabinet & battery box for above. $60
ST-138, backpack harness for PRC-25/77. several avail.
$15

PRC-25 Stuff:
RT-505, complete & works, w/battery box, looks like
shit.
Stripped chassis,
Stripped chassis & front panel(w/controls & knobs),
Stripped front panel,
cabinet & battery box(unused),
cabinet & battery box(will need paint).
2ea ST-138 backpack/harness.
Take it all for $250($225 if yu cum get it, will throw
in more crap if
ya
do).

PRC-33, Hand-carried VHF/FM portable transceiver. One
xtal control
channel between 30-42mc, 750mw output. Built in loud
speaker, controls
for vol & sq. Known to have seen service with U.S.Navy
Rescue units in
the Tonkin Gulf, Vietnam(see MCGP Backmail #44). 2
units avail, #1 fair
cond, restorable. #2 poor-fair cond, both with battery
box & the super
hard to find canvas bags. May have one mic, definitely
have mic
connectors, can loan manual.Both $60.

PRC-41, Collins, 225-399.9 mc synthesized, AM backpack
transceiver.Used
by FAC's & ground troops for fighter strike control,
approx 1964-
1980. Ops from ext 24vdc or Batt box, 110vac with
optional
PP-3700(avail).

PRC-47, Collins 2-12mc, 20/100watt SSB/CW/TTY, write.

PRC-64, HF/AM/CW solid state transceiver used by
CIA(Delco 5300), US
Special Forces, and Australain SAS. With all acc, in
nylon bag. (See
MCGP
Backmail #26)

PRC-74/RT-794, Backpack HF,USB/CW transceiver. Ops
2-12mc,15 watts.
Requires 10.5-17vdc. Exc cond.
AS-1887 center loaded whip antenna,
AB-955 rubber spring antenna base support,
MT-3613 antenna mounting bracket,
ST-2743 backpack carry harness.
Headphones, unused. $20
M-80 mic, unused. $8
Antenna, 'H' bar, w/wire unused.
CY-7773, battery box for PRC-74, will need repair. $18
Depo Maint Manuals all models, $20.

PRC-91,(Mot. HT-200), w/telescoping and Rubber Duckie
antennas. $25
(not marked PRC-91 but it's doubtful that any ever
were)

PRC-94, VHF/FM, 2.5w,5ch, HT. U.S. Coast Guard
Property marked(engraved
with fancy bold lettering). W/telescoping & Rubber
Duckie antennas,
charger, bad battery, xtals for Marine Band. By Comco.
$65(these are
not
marked PRC-94 but none ever were) Leather carry case
for above also
avail.

PRC-127, 136-160mc, FM, 2.5w, 14 chan, LCD display,
keypad programmable
HT. W/ant, battery & charger.

Bendix King HT, Commercial version of above, add's 5
watts & scan.
w/ant
chgr & batt $250

See also, CPRC-26, & CPRC-510.

R-390A, need say more? Exc cond.(local pickup only).
#1 By Stewart Warner.
#2 By Elec.Ass.Corp.

R-392, Collins(by Stewart Warner), vehicular version
of the above.
$275($250 if yu cum get it)

R-1410/GR(XE-2);20-150mc, am/fm/cw, solid state, field
port,
rec.Experimental
set developed & hand built by ARVIN in the late 60's
for DF'ing enemy
trans.Has sig/batt mtr, 10/75kc bandwidths, xtal
cal.Ops from ext
24vcd,
110vac, or int"D"cell batteries(12ea).VG cond chkd,
simi operational
$75.00. Man avail.

URC-32(Collins KWT-6), 1.8-30mc, 500watt all mode,
synthesized
transceiver. Mnted in 6' rack cab, used by the
U.S.Navy & Air Force.
w/man. $500(local pickup only)

URC-68, solid state, dual band(VHF/FM & UHF/AM) 4ch,
hand held
transceiver. Originally intended for issue to
helicopter crews in
Vietnam. Saw limited service with Army Rangers &
Special Forces.
$40ea, 2 for $70, 4 for $125

USQ-46, Anti-intrustion detection system. Used from
early-late 70's.
Set includes:
R-1617A/USQ-46, programmable VHF/FM back-pack
receiver(approx 130-200mc
at least). Monitors up to 70 or so sensors at one
time. Can also be
used
as a standard communications scanner. Uses PRC-25/77
type
battery(12vdc),
and audio accessories.
TS-2963/USQ-46, Companion test set to above receiver.
Same size and
appearance. A very elaborate synthesized signal
generator that test all
operational parameters of the system pryer to, or
while in, the field.
w/PP-6446 power supply that clips on to the bottom of
the unit in place
of the battery box.
Torpedo shaped, aircraft deployed, seismic/acoustic

sensor w/auto
deploy
steal tape ground plain antenna, also uses PRC-25/77
type battery.
This was the most high tech gizmo to be used along the
"Macnemara Line"
in Vietnam. In operation the sensor was thrown from an
aircraft either
with, or without a parachute. If with a chute, it was
suspended from
tree
tops by the parachute cords. If without a chute, was
fitted with a
spike
that partially buried the sensor in the ground. In
both cases, a steel
tape type ground plain antenna automatically deployed
from the top of
the
unit. When triggered, alarm & audio signals were
transmitted back to
the
receiver where it's operators could listen in on the
surrounding
activity. Complete set, $450

URT-21, UHF hand/held or air deployable beacon used to
spot drop zones,
or mark the location of downed aircrew. Needs antenna.
$20

URT-33, as above except small, and later model. $25
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PARA-MILITARY:

DRF-II, small hand held DF receiver used by ground
troops to locate
downed aircrewman, or special ops units to locate air
dropped supplies.
Two telescoping antennas come out the top of the radio
to form a two
element yagi. Haze gray color, solid state, Ops 243mc,
uses 'AA'
batteries(housed in it's pistol type grip).

Eldico SSB-100 MIL, early 50's(military version of ham
SSB-100F)
general
coverage SSB transmitter, VXO controlled. 19" rack
mnt(about the size
of

an R-390), haze gray color. Collin's only SSB
competition. w/manual
$195
(local pickup only).

SA-104(Motorola circa approx early-mid 60's), 4 chan
xtal contr, HF
LSB/USB/AM/CW 100 watt transceiver. Solid state except
for 4 tubes in
transmitter(pair 6146 output tubes). Could be used as
desk top base,
mobile, or simi-portable using separate external power
supply(not
avail).
Ops from 110vac, or variuos DC sources dependant on
the power supply
used. Removed from service with the Missouri State
National Gaurd.
vg-cond $125($100 if you cum get it)

Motorola MX-300 HT Accessories:
Batteries, new, high capacity, by Alexander. Fits all
standard, and "S"
versions. $16ea, 10 for $130
Speaker/mics, fits all versions of MX HT's, unused.
$15ea, 4 for $50
Belt loops holder, fits all standard, & "S" versions.
$10ea, 3 for $25.
Antenna, VHF "rubber duckie", fits all MX versions,
$5ea, 5 for $20.
Charger, 6 radio, $40ea, 2 for $75
Converticom mobile stations w/mic, mnt & cble. $15ea,
10 for $100
Parts avail for standard, "S", & "R" versions
60 watt(plus) external VHF amps. $85

RCA SSB Mark IV, xtal control AM/SSB transceiver. /CD\
marked. W/
manual,
(local pickup only). $200

RF-SB6(Harris) HF SSB/AM, desk top base/mobile
transceiver, uses
Collins
455kc mechfilters, approx 100 watt, 6 chan xtal contr,
110vac ops,
1.6-16mc. It had various(as yet undocumented) military
duties, as the
predecessor to the RF-301, with an original
U.S.government cost of
$4365.00, Circa 1964. Haze gray color. VG-cond. M & F

versions avail
w/manual.

RF-201M, xtal contr mobile solid state AM/SSB
transceiver. W/pwr sup &
manual. $200($150 if yu cum get it)

RF-230S(Harris), 1.6-30mc, all mode, desk top base, or
mobile. Late
model, 125 watt, synthesized/ front panel
programmable. Ops from 12vdc.
With mic, manual, & power cable. Exc cond, this came
from the Canadian
Government(SRC-512) and is so marked. Will swap
towards portable HF/SSB
type, or RF-280.

RF-301, see GRC-165.

RF-401(Harris) VHF/FM transceiver. Desk top base, or
mobile
station(currently wired for 110vac). Mostly solid
state(tube in
output),
50-70 watts. Xtaled up on Marine freqs. $80 2 avail

RF-1525(Harris), 12 chan xtal contr, VHF/FM
mobile/portable
transceiver.
$50 2 avail(xtaled around 160mc)

RT-3, P/O CIA RS-1 or GRC-109, 3-22mc 20w CW
Transmitter. Vg cond.
PP-2684, power supply for above or GRC-109. VG cond.
Both $135($120 if
yu
cum get um)

SPF model AD, Forest Service portable 3-4mc AM/CW
transceiver(1938-1945).
This one has been converted to xtal control on tx &
rec, have most the
parts to restore it, or use it for parts. Marked
Government of the
Province of Alberta(Canada). $45

17A3; Countermeasures rec.Built by General
Electronics.Tunes 30-250mc
in
two bands, am/fm/cw.Bandwidths of NBFM/3/30/300/500kc
& 4mc. Controls
for

Audio selection(10kc/am/pulse/fm),coarse fine tune,
ANL threshold, AFC,
BFO, IF & audio gain, outputs for video/IF/AF, many
other gadjets.Two
units rack mntd, VG cond chkd.$125.00(local pickup
only)

Sunair Remote Automatic Antenna Tuner, GCU-910A, with
connectors &
manual.

OPS series parts, accessories, and radios
(Village & Hamlet Radio Sytyem, see Backmail #30)
HT-1 HT's. Parts, early & late issue.
FM-1 & FM-2, VHF/FM HT's. Complete radios by
Hallicrafters &
Hammerland.
New & used boards, misc parts.
FM-5 & FM-7, VHF/FM packsets, lowband & highband.
Complete radios,
parts,
and boards.
HC-400(Hallicrafters) UHF/FM HT, Used in the early-mid
70's.
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WW-II Navy:

RBV-2; Navy Panoramic Radio Adapter. Navy acceptance
date of 6-14-45,
w. shock mnts, haze grey color. $100(local pickup
only)

RU-17;Early/WW-II Navy aircraft cmnd rec.Pre
ARC-5/SCR-274, simi to
BC-229. BLK crkl finish, no tubes, or tube cover.
FR-GD cond nchkd.
Tuning units for above:
CW-47105 dual band, O & P, fr-gd cond
CW-47018 dual band, D & M, vg cond.
CW-47205 dual band, Q & F,
CW-47075, Range K, unsused in storage case.
CW-, Range D, unused in storage case.
CW-, Range H, unused in storage case.
CW-47075, range K
CW-47069, range E
D plug in(820-1396kc)
CW-47092, 7.3-9mc(guted but w/storage box).
CBY-21109, Dyno/pwr sup, with mount, unused exc cond.
Take it all $200($150 if yu cum get um).

TBX Stuff,
CCW-211202-B, hand crank gen for early TBX. $65
CGQ-60133, xtal cal & monitor used with TBX-8. $20
CFM-66023A, Whip antenna insulator. $20

TCS Tranmitters & Receivers Collins designed gen purp trans & comp
rec.Used universaly in vehicles, ships, small boats, aircraft,& grnd
installations.TCS series interred service 1939 & remained in use till
early 60's. Tunes 1.5-12mc, am/cw, 20w.(see MCGP Backmail #45)
TCS-15 Trans & Rec(Collins) near mint, w/stacking kit & shock mnt.

TCS's(House Cleaning):
Take all the below, for $250($200 if yu cum get um)
#1,TCS-7 Transmitter(Stewart Warner), SO-239's added, pwr con chgd to
octal(have original). Fr cond, $60($50 if you cum get it)
#2,TCS-5 Receiver(Collins), SO-239 ant con, pwr con chgd to octal(have
original). Fr cond. $50($40 if you cum get it)
#3,TCS-12 Receiver(Collins) SO-239 ant con, pwr con chgd to octal(have
original). Fr cond $50($40 if you cum get it)
#4 & #5, TCS-15 Trans & Rec(Collins), consmetics are vg-exc but insides
are messed up. About all tubes gone. $75pair ($65 if yu cum get um)
Junker receiver, some extra cabinets, variable capacitors, roller
inductors, panel connectors, meters, control head, etc included if you
come after them.
TCS Control Head, water tight, bulkhead mounted, OD, $25
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WW-II SIGNAL CORPS:

BC-222, p/o SCR-194. First radio to be called a "Walkie Talkie" circa
1935. Used at least till mid WW-II. Fr-Gd cond, missing one tube.

BC-312M;Ground & vehicular receiver.Ops 1.5-18mc AM/CW.Identical to
BC-342 except ops from 12vdc.

BC-348's; Two avail, #1 parts radio, no case, complete but crap
condition. #2 Front panel has been replaced for rack mounting, think it
works. Both $125($75 if you cum get um).

BC-474, HF AM/CW man-pack transmitter/receiver. Needs work but
restorable, or useable as-is.(See MCGP Backmail #33)

BC-603(or maybe BC-683) vehicular FM receivers. Crummy shape. 2ea, take
um both, $40(or FREE if ya cum get um)

BC-603, & BC-604, WW-II vehicular FM receivers & transmitters. Have
several.

BC-611F, early flot bottom version.

BC-652(A); Receiver, Part of SCR-506 HF vehicular station. Companion to
BC-653 transmitter. Ops 2-6mc in 2 bands. Has been artfully converted
to
110vac operation, no extra holes in front panel. Phila 42 date.(can
loan
SCR-506 manual & other data)

BC-659;Simi to BC-620 except ops 27-38mc, & has built in speaker.
Can include PE-120 6/12/24vdc veh pwr sup, sev avail.

BC-683 & BC-684, simi to BC-603 & BC-604 except for freq range.

BC-721, modification of the BC-611 for 'jerk & run' operation in
gliders
by airborne troops. BC-721A & BC-721B avail.

BC-728, 2-6mc portable receiver. 4 pre-tunable push-button channels.
Small, shoulder carried or vehicle mounted. Ops from 2v internal
battery.
fr-gd cond.

BC-728, Junker, $25(free if yu cum get it).

BC-745; WW-II "Pogo Stick" P/O SCR-511. fr-gd cond.

BC-1000's,
1ea exc cond, needs data plate, mic jack cover, dial
window, & aux
phones
cover(has been repainted & has new panel/decals but
needs to be put
back
together).
2ea Junkers, real shit condition, one with cabinet,
one without.
1ea cabinet, fr-gd, 1ea Battery box, 1ea antenna.
1ea pair ST-35 shoulder straps for carry harness.
Take it all, $170($160 if yu cum get it)

BC-1306;3.8-6mc, cont tune or two chan xtal contr,
AM/CW 5w/15w.Manpack
trans/rec, for mountain & airborne troops. To replace
BC-654, later
replaced by the GRC-9. Can include M-404 cover &
PE-237, 6/12/24vdc
vibr
pwr sup. gd-vg cond.

R-100/UR, troop entertainment receiver. looks/works
good, $150
($135 if you cum get it)
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Non U.S. Military Radios:

CPRC-26, 47-54mc, FM, 6 chan xtal contr squad radio.
With handset,
headset, antenna, 6ea xtals, & rare original Canadian
canvas carry
bag(not Dutch). $100

CPRC-510, 38-54mc FM backpack transceiver. Canadian
version
of U.S. PRC-10A. With ultra rare canvas carry bag &
shoulder straps,
copy
of Canadian manual, handset, headset, short & long
antennas, Battery
box
& TNM battery adapter for use with standard batteries.
$185
As above, less accessories, $68

PHILIPS VHF/FM HT, Made in Holland. 6 chan w/tape ant,
xtals in 6
channels(47.3-53.750mc). Found in Chilean flea market.
Marked S01147,
955169203001.

(See MCGP May 17/2000)

Mod.19 Mk II, unused with all acc except mount.

SEM-35, German 26-70mc, FM, solid state backpack transceiver. W/long whip antenna, & adapter for US short tape antenna. $225 (See MCGP Sept.8/99 & Sept.10/99))

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MISC AIRCRAFT CRAP:

APW-11/RT-122B, IFF Transponder. $25(or free cum get it)

ARC-4/RT-19, parts radio. Missing trans tubes, Hammed up 110vac pwr sup installed. $35(or free, cum get it)

ARN-21/RT-220, TACAN transceiver.Works on 126 xtal controlled channels 900-1200 MHz range. FR-GD cond. $20.00(or FREE if yu cum get it)

APR-4/R-54;Very similar to APR-4Y, w/TN-17(74-320mc tunning umit, dated 1944),others avail.DAY-45, VG cond, NCHKD.$150.00($120 if you cum get it)

ARR-7(R-45), WW-II Hallicrafters SX-28 repackaged for aircraft use.
Exc cond w/repo man.

AVR-20A,& AVT-112A; RCA mini twin trans & rec, used in WW-II light aircraft such as the Tailercraft L-2, and Piper Cub. Other aircraft as a "Delivery Radio". Ops 2-6.8mc.

ID-226A/APR-9; Panaramic indicator used with APR-9 search receiver. Will need cabinet screws replaced, VG-Exc cond. $35(or free cum get it)

ARC-5/SCR-274 Command set stuff. 33(maybe more) assorted transmitters & receivers, conditions range from good to fair. Navy & Signal Corps types.
Take um all $650($550 if you cum get um, will throw in

MANY dynos,
racks,
mounts, antenna relay/meters etc)

Shock mnt for MD-7 or dual rec/trans racks.
Dual Receiver, & Dual Transmitter Racks & Shock
Mounts.

ARC-Type 12 & 15 VHF & UHF Command sets:
Lot includes(at minimum)
4ea R-11A, 3ea R-13B, R-15, 3ea R-19, R-445/ARN-30,
R-511,
T-11A, T-13A, R-34A, B-13A, M-10 shock mount,
CV-431A/AR,
C-1917/AR, MT-1174/ARR, plus more. 21 items minimum,
take it all, $300
($250 if yu cum get um)

PAT-50A;Bendix "Flightweight" vintage(circa 1947) mini
aircraft VHF
transmitter, 5 chan xtal contr, w/mount &
modulator.GD cond nchkd,
$20.00(might have a manual)

PT-10A, Pantronics(Cessna), Miniature HF/AM aircraft
transceiver.
2-18mc
40 watt, 10 chan xtal contr(xtaled up on AC freqs),
Solid state except
for output tube. 2 units to make one good one,
w/manual. Both $45
Remote antenna tuner for above, $25
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WW-I STUFF:

Forestry Service Field Telephone, built by Kelog circa
1915, used in
WW-I, has French style handset, rebuilt 1945. $100, 2
avail($155 for
the
Pair)

1914 Service Buzzer. Miniature leather bound field
telegraph/telephone
set. Forerunner to the TG-5. $125
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CANVAS;
PRC-68 carry bag & sling, camo, unused. $16
PRC-91 or -94, leather carry case.
BG-49, canvas acc bag for BC-148/151.
BG-81, canvas carry bag for BC-221, w/heavy shoulder
strap $35

BG-128B, canvas cover for ?, unused exc cond. 2 avail
$15
BG-172, canvas accessories bag for BC-1306, gd-vg cond
CS-76-J, canvas bag for RM-39,& many others, $15
CW-206/GR, antenna & accessories roll bag used with
many
HF manpack radios.Unused $13, 5 avail
CW-186, canvas bag used with RM-52, RM-53 & others,
$13
CW-189/GR, canvas bag for GRA-6 contr group etc. $13
CW-212, canvas cover for ?
CY-1277B, bag for TA-43 or TA-312.Used good. $8
ST-120, for PRC-8, -9, -10, -28.
ST-138, backpack harness for PRC-25/77. several avail.
$15
Leggings, WW-II, canvas, VG cond, $10
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ANTENNA STUFF:

For the AS-1729(MX-6707):
AT-1095/VRC, top fiberglass whip section for AS-1729
etc, New $15
Replacement springs, used. $5ea(or free cum get um)
Shovel Mount(SC-D-189023) $15
Late model(bird cage) mount, $15 2 avail.
Adapter for above allows use of AB-15 etc. $5.00
Steel Top Mount ring for MX-6707, $5.00
Plastic Ball tips for whips, $3.00
Hold down cords & steel clip. $5.00

A-62/SCR-508/528 fantom antenna. $15
AB-15, vehicular ant base/spring, used WW-II till now.
$13
AB-652, Simi to AB-15 but larger, used on current HF
equipment(GRC-106).
$20
AB-155, AB-1089, $15
AT-339/PRC, DF ant & bag for PRC-10 etc. $25.
MX-2799, base/tuner/spring/mnt for AT-912(vehicular
30-76mc ant,
replaced by MX-6707/AS-1729).$20ea, 4 avail
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AUDIO ACCESSORIES & WIRE LINE STUFF:

Matching transformers, Use any 8 ohm speaker you want
with your
military
radio. 500ohm-8ohm, $4ea(open frame comercial)
$6ea(sealed military)

Earphones used with PRC-90, PRC-116 etc, snap
connector, $5, 6 avail.
Earphones used with PRC-64, PRR-9, URC-68 etc, submini
phone connector,
$5, 5 avail

EE-8, field phones used pre-WW-II till late 60's.
$45ea several avail.
H-63, Headsets, various-VRC/PRC-uses, U-77-con,
w/SA-142,
GSA-6(inline PTT),boom-mic-VG-cond.$25
H-63, as-above, headphones only, 500ohm, may need
clean up or
repair.$5.00
Boom mics for above, use with same or to repair
M-29's.W/JJ-055
$5.00
H-157, late modle aviation headsets, H-87 boom-mic,
U-174 con. $25
H-161, VRC headsets, H-140 boom mic, dual U-229
con.inline PTT. $20
H-251, late mod 500ohm headphones, U-229 con. $15
H-277, late mod headphones, 500ohm, U-77 con. $15
LS-454, as LS-166 except for PRC-25/VRC-12 etc.U-229
con. $11
LS-454 speakers, fixer-uppers, no mounts, most will
need cords
$7ea about 12 avail.
M-80, 500ohm dynamic mic,U-229 con. $8
Also loads of WW-II vintage stuff, mics, headphones,
connectors, what
do
you need?

TA-221/PT, Telephone, Circuit Operators control, P/O
SB-22 & SB-86
feild
witchboards. Contains crank gen, patch & handset
connections.$20 2
avail

TA-312, field telephone, ruff shape, missing battery
cover. $15.

TA-326/PT, Trunk jack, realing cord with PJ-015R
connector, used with
SB-22 other switch boards,$10 several avail

TA-426/GTC, late modle feild or fixed telephone, Touch
tone key pad,
w/hard cover. $40

WW-II Megaphones,
Set #1, T-36 hand mic, LS-6C hand held loud
speaker/mic(megaphone),
N-230C tripod, CS-91 case. Shipping date July 1944,
$60
Set #2, as above with same items but in better shape &
inlcudes BC-614
audio amp(reported to be bad) & Shoulder Harness.
Dated 43. $80
Take um both for $125.(got these for a friend that
don't need um now,
typical!)

H-189 Handsets for PRC-25/77, VRC-12 etc.
Box of approx 6, will need repair. all $14(or free cum
get it).

M-80 mics, for PRC-25/77, VRC-12 etc.
box of 10, will need repair. all $20(several boxes
avail)
(or free cum get um).

LS-171 speakers, large entertainment, $40ea(2 avail)

LS-454 speakers, for PRC-25/77, VRC-12 etc.
box of 5, will need repair. all $20(several boxes
avail)
(or free cum get it).
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CONNECTORS:
U-229 audio connectors for PRC-25/77, VRC-12 etc. $2ea
U-77 audio connectors for PRC-10 GRC-106 etc. $2.50ea
PL-68, audio connectors for WW-II vintage mics,
Collins, Drake etc.
$3ea
PL-259 Amphenol coax connectors, w/U-174 adapter, cut
offs.75ea, 10/$5.
SO-239 Amphenol panel connector mate for above,
used,.75ea,10/$5.
SO-239 as above w/sheild & screws, used $1ea, 14/$10.
RT-66, -67, -68, Dogbone connectors, CX-1211 dogbone
connector
(RT to Pwr Sup) $8ea 5 avail
TCS, ART-13, and thousands of others(will most likely
need a picture or
part number ta find the one you need).
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MORE ACCESSORIES:

For The GRC-9.
Trans, gd-vg cond.
Trans, junker.

Rec, junker(restorable)
Case, 2ea avail
CW-109, Panel Cover,
PE-237, 6/12/24vdc vibrator pwr sup for early GRC-9(or
BC-1306)
DY-88, dyno/pwr sup.
CD-1086, pwr cable.

For the GRC-106, -122, -142.
MT-3140, mounts. With tall side bars for mounting of
stacked RT & Amp,
or
RT & MD-522. 2 avail, Or With short side bars for
mounting single RT or
MD-522 alone. either $35ea
H-277, headphones $15
M-29, mic. $8
CW key, needs cord. $25.
Antenna whip connector/wire, w/standoff insulators,
$20 several avail.
C-1779/GRC-142, Junction box, U-77 cord to box with
U-77,
12ea covered 1/4" phone plugs, 4ea wire binding
post, $18 3 avail
CX-10099, Dogbone interconnect cable(exciter/amp). $15
several avail
CX-10527/G 3', 4 pin 24vdc power cable used with most
late model radios. $12, 7 avail
CX-13315/G, 2'
CX-13316/G, 2'
CX-13317/G, 2' 2 avail
CX-10513, 10'
CX-10514, 6', 3 avail
CX-10516, 4', 3 avail
CX-10517, 4', 3 avail
CX-10519, 6', 2 avail
SC-D-96C625-009, Connects UGC-74 to, 2 avail
SM-C-603108
J-2728/GRC-142, Interconnect Box. $10ea 4 avail(or
free cum get um)
J-4024, Crypto internconnect box for GRC-122, -142.
$25.00,(or free cum
get um) 2 avail w/mnts
SA-1554/GRC-142, Switch Assembly. lots of controls &
connections for local & remote, TTY/Voice/CW
operation. $20
(or free cum get it)
MD-522 FSK modulator w/full set of manuals.
UGC-74 teletype w/full set of manuals.
TT-76/GGC, teletype reperf/trans(2 avail, free, come

get um)
Just about everything you need for TTY installations
of GRC-106, ask.

For the PRC-47,
MT-2786, legs/counterpiose.
H-277, headphones,$15
Long Wire Antenna, $19
Replacement whip ant sections $3ea
Whip antenna bag, $13
R/T Top Cover. $13
R/T Chassis(no modules) w/Front panel & controls.
R/T Cabinet, fr cond.
Misc parts, ask.

For the BC-191/375,
BC-306, antenna tuning unit. $45
TU-5B, 1.5-3mc TU, BC-191/375. $25
BD-77L, dyno for BC-191, $100.
RL-2B, 24vdc ant reel, B-17 trailing wire ant. $50(2
avail)

For the BC-610/GRC-26
TU-47 2-2.5mc tuning uinit for BC-610. $15
TU-48 2.5-3.2mc tuning uinit for BC-610. $10
TU-49 3.2-4.0mc tuning uinit for BC-610. $16
TU-50, 4-5mc tuning uinit for BC-610. $10 2 avail
TU-54, 12-18mc tuning uinit for BC-610. $15
Coils: 8-11mc $8.00 2 avail, 1-14mc $10.00 3 avail,
2-3.5mc $15.00, 3.5-4.5mc $5.00(needs repair),
4.5-5.7mc $10.00, 5-8mc $10.00, ?-?mc $5.00

CV-186/GRC, FSK converter for BC-610, by
Hallicrafters.FR cond.(FREE
cum
get it)

For the SCR-284(BC-654)
J-48 CW key, has cover, needs cable.
PE-103 dynomotor pwr sup. 2 avail
GN-45 hand crank gen.
CD-501 cable for above.
MS-56, 55, missing link mast sections, 4ea avail
MS-54, used w/above stack for reater hight, unused

For the SCR-522,
BC-602B, remote channel selector, w/mount.$17.00
BC-1303, contr for SCR-522. FR cond.$10.00, 2 avail
RE-13/ARA-8, Antenna relay used with SCR-522, AN-104,&
ARA-8,
missing back over, $10.00

For the VRC-19
T-278 Transmiter, no tubes. $12(or free cum get it).
DY-98 pwr sup,$15(or free cum get it).
2 milk crates full of modules, Probably no tubes.
$15(or free cum get
um)
some misc manuals.(free cum get um)
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POWER SUPPLY STUFF:
AM-65, audio amp/pwr sup for RT-70.
ARC-27/dyno,
BD-41,
BD AR 83,
PS-225,
CCW-211202-B, hand crank gen for early TBX.
DM-32A, dyno for ARC-5 rec.
DM-33A, dyno for MD-7,
DM-35D, dyno for BC-604,
DM-37D, dyno for BC-604,
DM-53,
DM-64A, dyno for BC-925,
DM-65A, dyno for BC-924,
DMX 310, dyno for Type 12 ARC,
DY-8, dyno for MD-7,
DY-66, dyno for ARN-14,
DY-88, dyno/pwr sup for GRC-9.
PE-86F, 24vdc dyno.
PE-120, 6/12/24vdc veh pwr sup BC-620, -659.

PE-237, 6/12/24vdc vibrator pwr sup for BC-1306/early
GRC-9. $100(local
pickup only) CD-1086, pwr cable for BC-1306/GRC-9.

PTAD-101, Motorola power supply for URC-100 series
radios. Ops from
12-32vdc or 110vac, clips on radio in place of battery
box. unused.

PP-109, 12vdc pwr sup RT-66, -67, -68.
PP-3700, 110vac pwr sup PRC-41(clips on in place of
battery box).$25
PP-6109, 110vac pwr sup PNH-7(P/O TRQ-30).$10
PU-158, Gas motor generator, used to operate GRC-13.
Very small 2 cycle
generator & metal transit case(slightly larger
than a bread box)
supplies
1.5, 90,& 500vdc. Will operate many other portable
types. Black
color, MFP 1950. $275
RA-87, Rectifier 110vac to 110vdc for TTY stuff, Phila
43.

In nice wood transit case(CH-158). $25(or free cum
get it)

Singer Panadaptor power supply. TMP-1b, 19" rack
mnt.(Free cum get it).

D500-SAN, AC voltage regulator, 95-130vac/7a in
115vac 400cps out.
$20(or FREE cum get it).

GTC, Porta Power, Model L, universal power supply for
vintage battery
radios
with 4-8, 2 volt heaters.$20.00

Perma-Power, Model A, Simi to above, except has
maiting battery
connectors
vice bar strip. For 1.5v battery radios, Unused with
papers,$25.00.
Same as above except marked Sears, less papers,$18.00
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BC-188, p/o SCR-178, for BC-183 transmitter. Missing
meter.
$30(or free, cum get it)
BC-367, interphone box used in early WW-II armored
vehicals,
will need on/off switch & fuse holders replaced.
$20.00
BC-709B, Interphone Amp, gd cond. $15.00

CAY-211483,
CW-206/GR
CW-212, CW-216A/PRC-10,
CW-47075/RU-16
CW-47069/RU-16
CW-47137/GF-11
CX-1093A/URC-4, or URC-11, Battery cable, $7ea several
avail
CX-10099/GRC-106
CX-10613/G, 2 avail
CX-13089/VRC
CX-8688/PRC-41, retranse cable. U-77 both ends. $13 2
avail
CY-1399/PRC-14 xtals box & xtals, $25
CY-7541/PRC-104. Battery box, unused, $25 2 avail

I-82, radio compass indicator. $25

RM-21, p/o SCR-543, rem contr for BC-669 & gen.
Controls for start,
stop,

choke, handset connector & hang up bracket. Phila
43.$35
RM-29, wire line rem contr for WW-II grnd rad
equip.$25
RM-59, wire line rem contr for WW-II grnd rad
equip.$25
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PARTS:

Parts Avail For:
BC-221, BC-348, BC-603, BC-611, BC-728, BC-745,
BC-1000, BC-1306,
GRC-9, GRC-106, GRR-5, PRC-6, PRC-8, PRC-9, PRC-10,
PRC-25, PRC-33,
PRC-35, CPRC-26, PRC-47, PRC-59, PRC-61, PRC-64,
PRC-91, PRC-94, PRT-4,
PRR-9, TCS, R-392, URC-4, URC-64, URC-68.
COMCO 611, SKY-515, TCS, LM-21,
Command Sets(all types), LS-166, LS-454
Motorola MX HT's, xtal, 'S' & 'R' series.

Panel Meters:(all these are military sealed 1.75"
square bezel)
For MD-522, $10
FS 1ma(black face), will work in GRC-106/RT but is not
correct. $8
White face, $5
For RT-66, -67, -68, New replacement meter. $10
FS 50ua(black face), $6
80db,(white face), $5, 2 avail
(I have hundreds of panel meters, all sizes and types,
let me know what
you need. Will make a list and & send it when
finished)

TUBES Thousands of um, ALL types, I'm making list now,
let me know if
you
want a copy when finished, or send me a list of what
you need
---
Crystals:
Crystals Thousands of um, ALL types. Making a list now
that's already
over 26 pages long. What do you need? Want the list?

PRT-4/PRR-9, FSE-38/58,(CR-81): $5ea(51mc $6ea)
46.85mc 2ea, 49.8mc 3ea, 50.2mc, 50.4mc, 51.0mc 7ea
may have others.

PRC-6, CPRC-26(HC-6 CR-23 or CR-52): $5ea
47.2mc 2ea, 47.4mc, 47.6mc 5ea, 48.0mc, 48.6mc 6ea,
48.8mc, 49.0mc 6ea,
49.2mc 6ea, 49.4mc 3ea, 45.300mc, 49.6mc, 50.0mc,
50.2mc, 50.4mc,
50.6mc,
50.8mc 2ea, 51.6mc 2ea, 51.8mc 2ea, 52.0mc, 52.2mc
2ea, 53.2mc 5ea,
53.3mc 2ea, 53.4mc 3ea, 53.6mc 3ea, 53.7mc, 54.0mc
2ea, 54.2mc, 54.8mc,
55.4mc

Also avail for URC-68, PRC-14, PRC-91, PRC-94.
Commercial, CB etc.
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TEST EQUIP:
B & K,
510, port trans chkr, w/case, less leads. $15
707 Tube checker, looks like crap, works great, w/new
set up charts.
$40
(or FREE cum get it)

EMC 213 miniature tube chckr. $20.00

Measurements Mod 111 vintage Xtal calibrator w/man.
$15.00
(or FREE cum get it)

Motorola(By Measurements Corp), sig gen, TU-576
(ops aprox 20-500mc w/FM). $35

Precision Electronics, Mod 201 Signal Tracer. Uses
6X5, 6SJ7, & 6K6
tubes. $15(or FREE cum get it)

Sencor,
TR15 trans chkr,$15.00
TF151,Trans/Fet chkr.missing carry handle, $20
TF151A,Trans/Fet chkr,w/leeds.$25

Systron Donner, 101 pulse gen,ops .1kc-10mc,
small/solid state,
w/man.$55.00

RCA VoltOhmist solid state VOM,WV-500A $10.00.
SOLA, constant voltage transformer, 110/220, type 43.
$40 2 avail

Vibrater checker, Vintage set checks 4, 5, & 3
differant 6 pin
vibrators
using 4 light bulbs, needs new cord, $12.00

Military,
BC-221 freq meters. $20.00(got a bunch of um)
LM-21 Freq meter $15.00(or FREE cum get it).
ME-9 multi meter $15.00(or FREE cum get it).
ME-57A, FM modulation meter, ops 20-1000mc, in transit
case. $60
ME-165, watt/SWR meter. Bulkhead mounted meter used
with BC-610,
T-368, T-195 & GRC-106. $55
ME-297 solid state VOM $20.00.
Test Set, Turret Electrical, $10(or FREE, cum get it)
TS-538B, signal generator, 1630 & 1730mc. $10(or FREE,
cum get it)
TS-1301/PSM-13 batt test set for portable radios,
$10.00.
USM-128, Test Set Electrical Circuit. $15 (or free cum
get it).
VO-6E BC-1000 Test osc $10.00.

BC-221's, all different types, metal & wood cabinets,
some fair some
exc
cond. 5ea(OR MORE). all $80($90 if yu cum get um, will
throw in HB pwr
sups & junkers)
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NON-MILITARY, HAM & MISC;

Alda 103, 3 band(75/40/20 meters) solid state
12vdc(one of the first),
SSB/CW transceiver. Looks/works good. Needs on/off
switch. w/mic. $165

Atlas 210X, solid state SSB transceiver. w/110vac pwr
sup, slide-in mob
mnt(plus an extra), mic, MARS(VXO) xtal adapter, and
man. $275

Bendix Skipper, marine HF/AM transceiver, works 160 or
75mtrs, Plate
modulated 6146, 6 chan xtal contr, built in BC rec,
solid state power
sup, rec, & modulator. Ops from 12vdc, cntrls for vol,
sqlch, chan, BC
tune, ANL.VG cond CHKD.$40.00(or free cum get it)

RCA, CRM-P8A-25, As above except no sqlch or ANL
cntrls,
hybrid rec, GD cond CHKD $40.00(or free cum get it)

Simpson 85, marine HF/AM, $20.00(or free cum get it)

DRAKE TWINS, R-4A rec, T-4X trans, MC-4 pwr sup/spkr,
160-10mtr,
w/orginal boxes & man, $450.

Hallicrafters, SW-500, .55-30mc, 4 band, short wave
receiver. $35

Heathkit GR-78 solid state short wave receiver, w/man
& new nicads.
$50.

Heathkit HWA-2036 110vac/12vdc Power supplies, used
with solid state
mobiles. $25 Several avail.

Midland, 2mtr HT, 5w 135-175mc tx/rec, synthesized,
scan etc. W/spkr
mic,
2ea batts, chrgr, man, & ant. Used very little. $130(I
got PRC-127's
now
so don't need it)

Northern Radio N570, marine HF/AM/SSB $50.00.(or free
cum get it)

Pearce Simpson, Capri VHF Marine, older highbrid
transceiver. $20(or
free
cum get it)

Ray Jefferson, 'Titan' Mod 1425 VHF/FM Marine,
12ch/20watt. $20(or free
cum get it)

Radio Shack, DX-440(by Sangean), 150kc-30mc(plus FM
stereo) digital
portable short wave receiver. $100

Swan(Cubic) 100MXA, 5 band(75-10meter), SSB/CW solid
state transceiver.
W/mic, mob mnt & man. $250

WARD's(Royce?) 40 base CB, $35.

Yeasu FT-709R, 440 HT, w/nicad, charger, ant & man.
$125

Zenith Transoceanic. Working, has wood grain finish
that I can't tell
if
it's original or not. $125

TPL VHF/Amplifiers, 120w/12vdc,1-4w drive(can be
modified for up to 10w
drive), commercial duty will work 2mtrs, PSB or VHF
Marine, w/15ft pwr
cable, PA3-1AE. $90ea, 2 for $170, approx 25 avail

6 METER RADIOS:
Cherokee AH-50, 6mtr/HT FM, 5w, scan, w/rubber duck
ant, nicad batt,
'AA'
batt box, chrgr, belt clip. In box w/manual. $165

Lafayette HE-45b, vintage 6 meter AM transceiver.
w/HE-55 'Squelcher',
mic, HE-6c external VFO, and mobile mount. $45

RCA HT's, Also known as Repco & Comco, lowband version
of PRC-91 & -94.
2
chan, 5 watt, w/carry case & charger.
$35ea, 6 avail.
Accessories for above(with radio only)
Xtals $20 pr pair
52.525mc 2ea pr avail
51mc, 2ea pr avail.
52.260tx/52.76rx 2ea pr avail
46.85-48mc also avail.
Manual, $10 2 avail
Manual, partial copy, $3
Rebuilt nicad battery, $13ea, 3 avail

Ge Porta-Mobile, 2 chan, 15 watt, lunchbox type
portable(removed from
service with the Mo. St. National Guard). Mic
included, choose from
battery boxes or power supplies below. $30ea, 5 avail
Accessories for above:
Xtals(1 pair per radio)
52.525, $20, 2 pr avail.
51.00mc, $20, 2 pr avail
45.12mc, $10, 2 pr avail
45.30mc, $10, 2 pr avail
46.9mc, $10, 2 pr avail
46.7, 46.8 1ea avail
(others also avail, ask)
"D" cell battery box, $8, 3 avail
Nicad battery box/12vdc power supply, $10, 10 avail
Early style charge cable for above, $5, 4 avail
Later model charger for above, $8.00, 3 avail
12vdc power supply, $10, 12 avail

Motorola MT-500 Omni, 2ch/5w, PL, w/ant, batt, chrgr,
new leather
case, H31BBU3124A. Very clean checked $100ea 2 avail
Xtals (1 pair sold with radio only)
52,525mc, $20ea 2 pr avail.
51.00mc, $20ea 2 pr avail.
47.02mc, $10ea, 4 pr avail
47.08mc, $10ea, 4 pr avail

Dennis Starks; Collector/Historian
Midwest Military Communications Museum
mailto:military-radio-guy@...

Will sell or trade for anything on my want list:
Thousands of business band radios by Motorola, GE,
Midland, Kenwood, & many others.
Quantities of 2mtr amps, solid state, 12vdc,
commercial duty, intended
for
use with HT's, 50, 60, & 120 watts.
For 21 page catalog send request to
<whole-sale-radio@...>
**********
MY WANT'S;
In general: Clandestine, Military, Para-Military, or
Military Type,
radio
equipment.
REGARDLESS OF VINTAGE OR COUNTRY OF ORIGIN. Field
portable & vehicular
types preferred, others considered.(if it's not listed
below, it
doesn't
mean I don't want it).

Accessories, Parts, Parts-Radios, Manuals & Historical
Information,
Needed for the following:(* denotes radio also needed)

WW-II Signal Corps,
BC-9*, BC-148*, BC-151*, BC-188, BC-186, BC-222,
BC-322, BC-474,
BC-620, BC-652, BC-653*, BC-659, BC-721, BC-728,
BC-745,
BC-1000(gray versions), BC-1306, BC-1335.
SCR-178, SCR-179, SCR-195, SCR-195, SCR-288, SCR-504,
SCR-506, SCR-511,
SCR-619,

Forrestry Service,
SPF, SF, SX, Morrow Type WT-S.

German,
FSE 38/58, PRC-6/6, SEM-35, SEM-52A, SE 6861,
Tesla PR-35(East German), PRT-37, PRT-47.

GRC-9, GRC-13*, GRC-19, GRC-109*, GRC-165
URC-4, URC-10A, URC-68, URC-101*, URC-120*, URC-187*,
URC-773
RT-67, RT-68, RT-70, RT-524*
VRC-24, T-195

Hallicrafters OPS Series,
HC-100, HC-400, HT-1, HT-2,
FM-1, -2*, -5, -7*, -10*, -20*
PC-230, SBT-22, SBT-22-18,
TR-5*, -9*, -20*, 35*. & others!
(Some examples were built by Radio Industries, Wilcox,
Northrup, Hammerland, Breaker, and Motorola.)

Navy,
TBX, TCS, TBY, DAG, CMS*, MAM*,
MBM*, MBF*, MAB, DAV.

Harris,
RF-SB-6M, RF-201M, RF-230S(Canadian SRC-512), RF-280*,
RF-301A, RF-301P*, RF-302A*, RF-401, RF-1525.

Motorola:
SA-104(HF/SSB Base), SA-211(HF/SSB back-pack), MX (R &
S versions), PT
&
PX(programmable versions), Micom HF/SSB equipment, OPS
series
equipment.
FM-5, OPS series VHF FM portable.

PRC-1, PRC-2*, PRC-3*, PRC-4*, PRC-5, PRC-7*, PRC-14*,
PRC-16,
PRC-17, PRC-25(experimental*), PRC-33, PRC-34*,
PRC-35*,
PRC-36*, PRC-41, PRC-52*, PRC-53*, PRC-56*, PRC-58,
PRC-59, PRC-68,
PRC-68A*, PRC-68B*, PRC-70*, PRC-71, PRC-72*, PRC-75*,
PRC-77*,
PRC-83*,
PRC-88*, PRC-126, PRC-127, PRC-128*, PRC-130*,
PRC-136*, PRC-138*,
PRC-349(British), PRC-6063, (((*AND MANY OTHERS*!!!)))

R-392, R-744/PRR*, R-901*, R-902*, R-1051, R-1218/UR,
R-1289/PRR,
R-1410/GR, R-1444*, R-1484/PRR-15*, R-1518/UR,
R-1617A/USQ-46,
URR-70, TRQ-30, USQ-46.

Russian,
R-105D, R-105M, R-123*, R-126, P-147, R-311.

TRC-2, TRC-7, TRC-10*, TRC-77,
TRC-552(French/Thompson/Iraqi)

United Kingdom,
Mk-128(British)
Racal BCC-349,
Racal Syncal 30. all canvas, battery(or battery box)
Astor ATR-2(Aussie)
Ws No.19 Mk-II(US), -III(Canadian), veh mnt.
Ws No.108(Aussie), all canvas

Miscellaneous Radios & Acc Wanted, AR-11*, SSTR-1*,
SSTR-5*, SSTC-502*,
SSR-5A*, MCR-1*, RR/D-11*, SRR-4*, SCR-504*, Galaxy
COMM-1A, COMM-2,
RS-1*, RS-8*, Comco 611*, SKY-515, Collins KWM-2*,
Stoner PMC-12,
71-B1(Chicom), AR-18(Italian WW-II), Delco 3500*,
5300* & 1500*,
Jefferson Travis 350AT, Southcom SC-120*, SC-130*,
MP-25*, MP-50*,
Gonset Communicator III, all types clandestine radio
equipment*.
PSG-2 data terminal, Hallicrafters HT-21 Littlefone
6mtr FM.
(((And many, MANY others!!!)))
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I Need This Stuff For:
BC-9, parts or parts radios, panel meter, all acc.
BC-222/322, BG-71 canvas bags, HS-22 or TS-11E
handsets, BA-32
battery.
BC-654(SCR-284), veh mnt(FM-41)
BC-728, veh mnt(FT-), ant(AN-79 w/canvas pad)
BC-745(SCR-511, 'Pogo-Stick'), T-39 chest unit
(complete or parts), veh
mnt
BC-1000(SCR-300), all haze gray accessories. batteries
BA-70 or BA-80.
BC-1335(SCR-619), mnts veh() & packboard().
DAV/MAB, NT-6(CRF-19046) 6 volt 4 amp hr batt,
vibrator power
supply(CRF-20221), antenna telescoping(CCI-66081),
scull cap/headphones(CTE-49214), also used with the
RBZ.
GRC-109/RS-1, receivers.
GRC-165A(Harris RF-301A), antenna tuner RF-302A,
mic & pwr connectors.
PRC-25, veh mnt(not MT-1029), experimental radios &

parts,
MK-456/GRC, Retranse kit for late model radios sets.
PRC-35, parts & parts radios.
PRC-41, -47, batteries or housing alone(BB-451)
PRC-127, spkr/mics & connectors, program cables, key
pad covers,
carry bags, mobile stations.
R-392, veh mnts, dogbone con.
RT-70, CX-1209 long & CX-1213 dogbone cables,
RT-524(VRC-12), vol contr & knob, rack handles, parts
& parts or good
radios.
(Want to build a repeater with same, so far only have
a parts radio &
diplexer)
SEM-52A,Audio connectors looks like a small 7 pin
U-229,
mate to panel connectors Cannon FBA7R1A01 or
Schattbau VG95351B7.
Handsets, manuals/schematics, xtal/channel boards.
T-195, veh mnts, dogbone connector.
TRC-77, BB-447(A) batt case.
VRC-24, veh mnt, connectors.

OPS Series Radios:
FM-5 & FM-7(Hallicrafters), batt box, veh mnt, all
acc.
FM-5(Motorola)
SBT-22-18(Hallicrafters), Batt box, hnd crnk gen,
parts & parts radios,
all acc.
TR-5, internal boards, parts or parts radios, all acc.

MX-300R(Motorola), batteries, veh station(conn & mics
for same).
---
Misc Stuff Needed:
Small portable all mode HF/VHF. IC-706? Military?
Need a GOOD digital camera to build on our web site
with. Sony?
---
MISC WEAPONS Wanted/Swap;
Wanted:
Many military arms & edged weapons regardles of
vintage.
Long guns(especially carbine, folding stock variants,
& sniper types).

Handguns(especially U.S. Property marked, or WW-II, or
those used with
shoulder stocks). Good shooting examples of P-08,

P-38, Englis Browning
High Power(& acc), Lati 9mm, Radom 9mm, Russian
Tokerev, 1911A1, Smith
1917, Mauser C-96(9mm & acc).

M1 Garand, good shooter, tanker, C or D.
1903 Springfield, good shooter, bayonet(no cut downs),
stripper clips.
1917 Enfield, good shooter, bayonet(no cut downs),
stock & hardware.
1886 Lebel Carbine, bayonet, front barrel band, sling,
8mm Lebel ammo.
Carcono Carbine, sling, 6.5mm ammo & clips.
Enfield Jungle Carbine, 303 stripper clips, bayonet.
AR-15/M-16 preban, short barreled uppers & misc parts,
Colt 1"
rings/mnt.
AK-47, Russian or Chinese preban folder.
M1 Carbine, push button safety, 3 prong mag catch,
rear sights.
Universal or Government "Enforcer" stock.

Bayonets Needed For:(no cut downs)
Garand, 1903 Springfield, M1 Carbine, 1917 Enfield,
Enfield Jungle carbine, 1886 Lebel Carbine, 1870
Veterli.
Various other military knives, swords, & bayonets.

Mags Needed For:
Colt Pony 380, LLama 22lr, IJ TP-22 22lr, M11 steel.
---
Avail Ta Swap Off:
Items For.
AK's, 2ea 100rnd drum mags, new $150ea. 5ea 10rd mags,
$8ea.
Fiberforce stock, unused $30. Ugoslav butt, $10. Gas
tube, $5.
30M1 Carb. M2 slide, late flip safety $5, 2 prong mag
catches $5.
S&K scope mount & steel rings(the best made) $20.

Bayonets & Knives:
SKS Blade, or Spike. $6
SMLE Lithgow, w/scabbard. $45
98 Mauser, German WW-II, w/scabbard & frog. $65
Arasaka, Jap WW-II, early curved guard w/scabbard. $75

1911 45acp, 20rnds, unopened box Frankford Arsenal.
Lot F.A.681.$20
30.06, approx 100rnd belted/linked dummies. $25
NM rear site for M1(Garand), M-1A, M-14.

No 78 Mk 1, UK Sniper scope.(What was this thing used on? When?)
Weaver B6 vintage(El Paso) 6x scope, 3/4" steel tube. $35
Weaver K4 vintage(El Paso) 4x scope, 1" steel tube. $50

1870 Swiss Veterille, 41 cal.(w/6rnds ammo)
1917 Enfield, 30.06(project gun, rear sight ears ground off)
Rem. Mod 11, 12ga riot, US Ord. marked.
Stevens simi auto/bolt action 22. 22s, l, & lr.
Marlin Mod 99 22lr, early, walnut stock, exc cond.

Dennis Starks; Collector/Historian
Midwest Military Communications Museum
mailto:military-radio-guy@...

_____
Do You Yahoo!?
Yahoo! Photos - Share your holiday photos online!
http://photos.yahoo.com/

# 714. Re: [T-368_BC-610] BC-610E Coil Unit

Yahoo group: T-368_BC-610
Date: 2000-12-29 22:23:18 UTC
From: Joe Foley
Topic: 711  Message: 714

> >I need to buy or make an 80M coil unit for a
> BC-610E, the large plug-
> >in one with 5 banana pins in the plate circuit.
> The designation is C-
> >388-C. Does anyone have a surplus-to-requirements
> one for sale or
> >know the specs to build one. (dimensions of coils,
> guages of wire
> >etc.)
++++++++++
See what you can find in this guys list, there's a
bunch of stuff here.

I have no idea how this guy is to deal with, never
bought anything from him. He's a commercial radio
rapair guy.

His E-mail address is in there somewhere to.

Joe

Dennis R Starks <military-radio-guy@...> | Block
address
Add Addresses

MY WANTS, TRAFES, AND FREE STUFF;

FREE (if ya cum get um);

It's all FREE but you must cum get it, I don't have
time ta box/ship
it.

GE "Coffin" trans & rec combo's. Pretty sure these are
lowband. 2ea
pairs
avail.

GE Mastr Pro, lowband(6mtr) & Highband(2mtr) 100w
mobiles. Got a bunch
of
um.

GE Mastr Pro Base/Repeater cabinet, still has some
guts in it.

Old Motorola VHF base in cabinet(real old tube type).

APW-11/RT-122B, IFF Transponder.

ARC-4/RT-19, parts radio. Missing trans tubes, Hammed up 110vac pwr sup
installed.

ARN-21/RT-220, TACAN transceiver.Works on 126 xtal controlled channels
900-1200 MHz range. FR-GD cond.

BC-603(or maybe BC-683) vehicular FM receivers. Crummy shape. 2ea

For the VRC-19
T-278 Transmiter, no tubes. DY-98 pwr sup, 2 milk crates full of
modules,
Probably no tubes. some misc manuals.

PP-1398, 28vdc pwr sup ARR-39A.

RA-87, Rectifier 110vac to 110vdc for TTY stuff, Phila 43.
In nice wood transit case(CH-158).

Singer Panadaptor power supply. TMP-1b, 19" rack mnt.

D500-SAN, AC voltage regulator, 95-130vac/7a in 115vac 400cps out.

TT-76/GGC, teletype reperf/trans 2 avail.

MX-6707(AS-1729) Replacement springs, used.

PS-225

ARC-27/dyno

Precision Electronics, Mod 201 Signal Tracer. Uses 6X5, 6SJ7, & 6K6
tubes.
LM-21 Freq meter
ME-9 multi meter
Test Set, Turret Electrical.
TS-538B, signal generator, 1630 & 1730mc.
USM-128, Test Set Electrical Circuit.

B & K 707 Tube checker, looks like crap, works great, w/new set up
charts.

Measurements Mod 111 vintage Xtal calibrator w/man.

Military Test Equipment & Avionics manuals.

Lots more than this, bring a TRUCK!
I mean a TRUCK! No cars, no mini-vans, no
mini-pickups, nothin with
less
than V8 power of U.S. origin preferred.

See my Trade list below for other free stuff.

mailto:military-radio-guy@...
**********
MY TRADE LIST HIGHLIGHTS;
You will note that much of this equipment does have a
price on it, this
means that if I happen to be in a really good mood,
feel sorry for
you, or I'm hard up for money at the time, I might
sell it to you.
I/E I'd still much rather TRADE for something I need!
If there is no
price, the item is most likely not for sale, it's
trade only! So in
every
case, PLEASE study my want list before you ask.
---
MISC MILITARY:

JATO Pack, Mk 128, Mod 1, Rocket Motor. 2 avail, $150
pair(local pick
up
only)

6 x 6 Truck Bed, desert tan, 12' x 9', w/side boards &
seats, $275

Trailer, M-109, 1 1/2 ton, $250

Trailer, 1952 Bantum, Jeep. $600

Trailer, M-116, 1969, dual generator(less generators),
3/4 ton, w/ribs.
$275

Headphones, Navy Type CW-49507A". Used WW-II - 60's as
replacement for
HS-30 in Army & Navy. Correct for BC-1306, GRC-9,
GRR-5 etc. 600ohm, 8"
cord, PL-54 plug, with 5' extension cable & PL-55(1/4"
phone plug). NIB
w/man, $9.00ea(only a couple left)

M-4 Cap Blasting wire spools. Hand held spool of MANY
feet of wire.
Twin

lead stranded, rubberized(makes GREAT speaker wire).
$5ea about 20
avail.

Nicad Battery, packs for PRC-68, -126 etc. 15v
800mhr. Housed in
reusable aluminum battery box. New in sealed boxes.
$25, 4 avail

Printers, military field portable, small, housed in
water tight
cabinet,
CARC color, uses standard ribbons, missing screws & ?.
2ea for $40(or
FREE cum get um)

Tent poles & stakes for shelter halves, Dated in the
60's, unused. 20
or
more pole sections + 12 or more stakes. All $30 (or
FREE cum get um)
---
RADIOS:

GRR-17(R-1490), 2-30mc, solid state, all mode,
synthesized/mechanical
digital, receiver. Last radio to be built by National.
Ops from 24vdc
or
110vac. Less transit case, w/man & 110vac pwr cable.
Works great, exc
cond.

GRC-165,(Harris RF-301A) 2-15mc AM/SSB base/vehicular
transceiver.
Write.

PRT-4, PRR-9; 47-54mc, fm, 450mw, 2ch, xtal contr, hnd
hld trans & comp
helmit worn resc. First solid state set, interred
service 1964. PRT-4
"A"
models have 150cps tone for compatibility with
PRC-25/77 squelch.
#1, W/ant, xtal, bat box, GD cond chkd.PRT-4 $25.00.
#3, PRT-4A, w/ant, xtal, bat box, unused exc cond,
$30.00
#4, PRR-9, w/ant, rebuilt SAAD, carc color, unused exc
cond, $30.00 2
avail (manual $5.00 WSO)
BA-399 PRT-4 batteries, unused but out of date so most
likely dead.

$2ea
4 avail

PRC-9, 27-39mc, 1 watt FM backpack transceiver. $76

PRC-10, 38-54mc, 950 mw FM backpack transceiver. $80

PRC-25; 30-76mc, FM, 2-4w. First solid state
synthesized backpack
transceiver.
Several avail. (see MCGP Backmail #76)
Got one looks real nasty but works good. $125
New cabinet & battery box for above. $60
ST-138, backpack harness for PRC-25/77. several avail.
$15

PRC-25 Stuff:
RT-505, complete & works, w/battery box, looks like
shit.
Stripped chassis,
Stripped chassis & front panel(w/controls & knobs),
Stripped front panel,
cabinet & battery box(unused),
cabinet & battery box(will need paint).
2ea ST-138 backpack/harness.
Take it all for $250($225 if yu cum get it, will throw
in more crap if
ya
do).

PRC-33, Hand-carried VHF/FM portable transceiver. One
xtal control
channel between 30-42mc, 750mw output. Built in loud
speaker, controls
for vol & sq. Known to have seen service with U.S.Navy
Rescue units in
the Tonkin Gulf, Vietnam(see MCGP Backmail #44). 2
units avail, #1 fair
cond, restorable. #2 poor-fair cond, both with battery
box & the super
hard to find canvas bags. May have one mic, definitely
have mic
connectors, can loan manual.Both $60.

PRC-41, Collins, 225-399.9 mc synthesized, AM backpack
transceiver.Used
by FAC's & ground troops for fighter strike control,
approx 1964-
1980. Ops from ext 24vdc or Batt box, 110vac with
optional
PP-3700(avail).

PRC-47, Collins 2-12mc, 20/100watt SSB/CW/TTY, write.

PRC-64, HF/AM/CW solid state transceiver used by
CIA(Delco 5300), US
Special Forces, and Australain SAS. With all acc, in
nylon bag. (See
MCGP
Backmail #26)

PRC-74/RT-794, Backpack HF,USB/CW transceiver. Ops
2-12mc,15 watts.
Requires 10.5-17vdc. Exc cond.
AS-1887 center loaded whip antenna,
AB-955 rubber spring antenna base support,
MT-3613 antenna mounting bracket,
ST-2743 backpack carry harness.
Headphones, unused. $20
M-80 mic, unused. $8
Antenna, 'H' bar, w/wire unused.
CY-7773, battery box for PRC-74, will need repair. $18
Depo Maint Manuals all models, $20.

PRC-91,(Mot. HT-200), w/telescoping and Rubber Duckie
antennas. $25
(not marked PRC-91 but it's doubtful that any ever
were)

PRC-94, VHF/FM, 2.5w,5ch, HT. U.S. Coast Guard
Property marked(engraved
with fancy bold lettering). W/telescoping & Rubber
Duckie antennas,
charger, bad battery, xtals for Marine Band. By Comco.
$65(these are
not
marked PRC-94 but none ever were) Leather carry case
for above also
avail.

PRC-127, 136-160mc, FM, 2.5w, 14 chan, LCD display,
keypad programmable
HT. W/ant, battery & charger.

Bendix King HT, Commercial version of above, add's 5
watts & scan.
w/ant
chgr & batt $250

See also, CPRC-26, & CPRC-510.

R-390A, need say more? Exc cond.(local pickup only).
#1 By Stewart Warner.
#2 By Elec.Ass.Corp.

R-392, Collins(by Stewart Warner), vehicular version
of the above.
$275($250 if yu cum get it)

R-1410/GR(XE-2);20-150mc, am/fm/cw, solid state, field
port,
rec.Experimental
set developed & hand built by ARVIN in the late 60's
for DF'ing enemy
trans.Has sig/batt mtr, 10/75kc bandwidths, xtal
cal.Ops from ext
24vcd,
110vac, or int"D"cell batteries(12ea).VG cond chkd,
simi operational
$75.00. Man avail.

URC-32(Collins KWT-6), 1.8-30mc, 500watt all mode,
synthesized
transceiver. Mnted in 6' rack cab, used by the
U.S.Navy & Air Force.
w/man. $500(local pickup only)

URC-68, solid state, dual band(VHF/FM & UHF/AM) 4ch,
hand held
transceiver. Originally intended for issue to
helicopter crews in
Vietnam. Saw limited service with Army Rangers &
Special Forces.
$40ea, 2 for $70, 4 for $125

USQ-46, Anti-intrustion detection system. Used from
early-late 70's.
Set includes:
R-1617A/USQ-46, programmable VHF/FM back-pack
receiver(approx 130-200mc
at least). Monitors up to 70 or so sensors at one
time. Can also be
used
as a standard communications scanner. Uses PRC-25/77
type
battery(12vdc),
and audio accessories.
TS-2963/USQ-46, Companion test set to above receiver.
Same size and
appearance. A very elaborate synthesized signal
generator that test all
operational parameters of the system pryer to, or
while in, the field.
w/PP-6446 power supply that clips on to the bottom of
the unit in place
of the battery box.
Torpedo shaped, aircraft deployed, seismic/acoustic

sensor w/auto
deploy
steal tape ground plain antenna, also uses PRC-25/77
type battery.
This was the most high tech gizmo to be used along the
"Macnemara Line"
in Vietnam. In operation the sensor was thrown from an
aircraft either
with, or without a parachute. If with a chute, it was
suspended from
tree
tops by the parachute cords. If without a chute, was
fitted with a
spike
that partially buried the sensor in the ground. In
both cases, a steel
tape type ground plain antenna automatically deployed
from the top of
the
unit. When triggered, alarm & audio signals were
transmitted back to
the
receiver where it's operators could listen in on the
surrounding
activity. Complete set, $450

URT-21, UHF hand/held or air deployable beacon used to
spot drop zones,
or mark the location of downed aircrew. Needs antenna.
$20

URT-33, as above except small, and later model. $25
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PARA-MILITARY:

DRF-II, small hand held DF receiver used by ground
troops to locate
downed aircrewman, or special ops units to locate air
dropped supplies.
Two telescoping antennas come out the top of the radio
to form a two
element yagi. Haze gray color, solid state, Ops 243mc,
uses 'AA'
batteries(housed in it's pistol type grip).

Eldico SSB-100 MIL, early 50's(military version of ham
SSB-100F)
general
coverage SSB transmitter, VXO controlled. 19" rack
mnt(about the size
of

an R-390), haze gray color. Collin's only SSB
competition. w/manual
$195
(local pickup only).

SA-104(Motorola circa approx early-mid 60's), 4 chan
xtal contr, HF
LSB/USB/AM/CW 100 watt transceiver. Solid state except
for 4 tubes in
transmitter(pair 6146 output tubes). Could be used as
desk top base,
mobile, or simi-portable using separate external power
supply(not
avail).
Ops from 110vac, or variuos DC sources dependant on
the power supply
used. Removed from service with the Missouri State
National Gaurd.
vg-cond $125($100 if you cum get it)

Motorola MX-300 HT Accessories:
Batteries, new, high capacity, by Alexander. Fits all
standard, and "S"
versions. $16ea, 10 for $130
Speaker/mics, fits all versions of MX HT's, unused.
$15ea, 4 for $50
Belt loops holder, fits all standard, & "S" versions.
$10ea, 3 for $25.
Antenna, VHF "rubber duckie", fits all MX versions,
$5ea, 5 for $20.
Charger, 6 radio, $40ea, 2 for $75
Converticom mobile stations w/mic, mnt & cble. $15ea,
10 for $100
Parts avail for standard, "S", & "R" versions
60 watt(plus) external VHF amps. $85

RCA SSB Mark IV, xtal control AM/SSB transceiver. /CD\
marked. W/
manual,
(local pickup only). $200

RF-SB6(Harris) HF SSB/AM, desk top base/mobile
transceiver, uses
Collins
455kc mechfilters, approx 100 watt, 6 chan xtal contr,
110vac ops,
1.6-16mc. It had various(as yet undocumented) military
duties, as the
predecessor to the RF-301, with an original
U.S.government cost of
$4365.00, Circa 1964. Haze gray color. VG-cond. M & F

versions avail
w/manual.

RF-201M, xtal contr mobile solid state AM/SSB
transceiver. W/pwr sup &
manual. $200($150 if yu cum get it)

RF-230S(Harris), 1.6-30mc, all mode, desk top base, or
mobile. Late
model, 125 watt, synthesized/ front panel
programmable. Ops from 12vdc.
With mic, manual, & power cable. Exc cond, this came
from the Canadian
Government(SRC-512) and is so marked. Will swap
towards portable HF/SSB
type, or RF-280.

RF-301, see GRC-165.

RF-401(Harris) VHF/FM transceiver. Desk top base, or
mobile
station(currently wired for 110vac). Mostly solid
state(tube in
output),
50-70 watts. Xtaled up on Marine freqs. $80 2 avail

RF-1525(Harris), 12 chan xtal contr, VHF/FM
mobile/portable
transceiver.
$50 2 avail(xtaled around 160mc)

RT-3, P/O CIA RS-1 or GRC-109, 3-22mc 20w CW
Transmitter. Vg cond.
PP-2684, power supply for above or GRC-109. VG cond.
Both $135($120 if
yu
cum get um)

SPF model AD, Forest Service portable 3-4mc AM/CW
transceiver(1938-1945).
This one has been converted to xtal control on tx &
rec, have most the
parts to restore it, or use it for parts. Marked
Government of the
Province of Alberta(Canada). $45

17A3; Countermeasures rec.Built by General
Electronics.Tunes 30-250mc
in
two bands, am/fm/cw.Bandwidths of NBFM/3/30/300/500kc
& 4mc. Controls
for

Audio selection(10kc/am/pulse/fm),coarse fine tune,
ANL threshold, AFC,
BFO, IF & audio gain, outputs for video/IF/AF, many
other gadjets.Two
units rack mntd, VG cond chkd.$125.00(local pickup
only)

Sunair Remote Automatic Antenna Tuner, GCU-910A, with
connectors &
manual.

OPS series parts, accessories, and radios
(Village & Hamlet Radio Sytyem, see Backmail #30)
HT-1 HT's. Parts, early & late issue.
FM-1 & FM-2, VHF/FM HT's. Complete radios by
Hallicrafters &
Hammerland.
New & used boards, misc parts.
FM-5 & FM-7, VHF/FM packsets, lowband & highband.
Complete radios,
parts,
and boards.
HC-400(Hallicrafters) UHF/FM HT, Used in the early-mid
70's.
---
WW-II Navy:

RBV-2; Navy Panoramic Radio Adapter. Navy acceptance
date of 6-14-45,
w. shock mnts, haze grey color. $100(local pickup
only)

RU-17;Early/WW-II Navy aircraft cmnd rec.Pre
ARC-5/SCR-274, simi to
BC-229. BLK crkl finish, no tubes, or tube cover.
FR-GD cond nchkd.
Tuning units for above:
CW-47105 dual band, O & P, fr-gd cond
CW-47018 dual band, D & M, vg cond.
CW-47205 dual band, Q & F,
CW-47075, Range K, unsused in storage case.
CW-, Range D, unused in storage case.
CW-, Range H, unused in storage case.
CW-47075, range K
CW-47069, range E
D plug in(820-1396kc)
CW-47092, 7.3-9mc(guted but w/storage box).
CBY-21109, Dyno/pwr sup, with mount, unused exc cond.
Take it all $200($150 if yu cum get um).

TBX Stuff,
CCW-211202-B, hand crank gen for early TBX. $65
CGQ-60133, xtal cal & monitor used with TBX-8. $20
CFM-66023A, Whip antenna insulator. $20

TCS Tranmitters & Receivers Collins designed gen purp trans & comp
rec.Used universaly in vehicles, ships, small boats, aircraft,& grnd
installations.TCS series interred service 1939 & remained in use till
early 60's. Tunes 1.5-12mc, am/cw, 20w.(see MCGP Backmail #45)
TCS-15 Trans & Rec(Collins) near mint, w/stacking kit & shock mnt.

TCS's(House Cleaning):
Take all the below, for $250($200 if yu cum get um)
#1,TCS-7 Transmitter(Stewart Warner), SO-239's added, pwr con chgd to
octal(have original). Fr cond, $60($50 if you cum get it)
#2,TCS-5 Receiver(Collins), SO-239 ant con, pwr con chgd to octal(have
original). Fr cond. $50($40 if you cum get it)
#3,TCS-12 Receiver(Collins) SO-239 ant con, pwr con chgd to octal(have
original). Fr cond $50($40 if you cum get it)
#4 & #5, TCS-15 Trans & Rec(Collins), consmetics are vg-exc but insides
are messed up. About all tubes gone. $75pair ($65 if yu cum get um)
Junker receiver, some extra cabinets, variable capacitors, roller
inductors, panel connectors, meters, control head, etc included if you
come after them.
TCS Control Head, water tight, bulkhead mounted, OD, $25
---
WW-II SIGNAL CORPS:

BC-222, p/o SCR-194. First radio to be called a "Walkie Talkie" circa
1935. Used at least till mid WW-II. Fr-Gd cond, missing one tube.

BC-312M;Ground & vehicular receiver.Ops 1.5-18mc AM/CW.Identical to
BC-342 except ops from 12vdc.

BC-348's; Two avail, #1 parts radio, no case, complete but crap
condition. #2 Front panel has been replaced for rack mounting, think it
works. Both $125($75 if you cum get um).

BC-474, HF AM/CW man-pack transmitter/receiver. Needs work but
restorable, or useable as-is.(See MCGP Backmail #33)

BC-603(or maybe BC-683) vehicular FM receivers. Crummy shape. 2ea, take
um both, $40(or FREE if ya cum get um)

BC-603, & BC-604, WW-II vehicular FM receivers & transmitters. Have
several.

BC-611F, early flot bottom version.

BC-652(A); Receiver, Part of SCR-506 HF vehicular station. Companion to
BC-653 transmitter. Ops 2-6mc in 2 bands. Has been artfully converted
to
110vac operation, no extra holes in front panel. Phila 42 date.(can
loan
SCR-506 manual & other data)

BC-659;Simi to BC-620 except ops 27-38mc, & has built in speaker.
Can include PE-120 6/12/24vdc veh pwr sup, sev avail.

BC-683 & BC-684, simi to BC-603 & BC-604 except for freq range.

BC-721, modification of the BC-611 for 'jerk & run' operation in
gliders
by airborne troops. BC-721A & BC-721B avail.

BC-728, 2-6mc portable receiver. 4 pre-tunable push-button channels.
Small, shoulder carried or vehicle mounted. Ops from 2v internal
battery.
fr-gd cond.

BC-728, Junker, $25(free if yu cum get it).

BC-745; WW-II "Pogo Stick" P/O SCR-511. fr-gd cond.

BC-1000's,
1ea exc cond, needs data plate, mic jack cover, dial
window, & aux
phones
cover(has been repainted & has new panel/decals but
needs to be put
back
together).
2ea Junkers, real shit condition, one with cabinet,
one without.
1ea cabinet, fr-gd, 1ea Battery box, 1ea antenna.
1ea pair ST-35 shoulder straps for carry harness.
Take it all, $170($160 if yu cum get it)

BC-1306;3.8-6mc, cont tune or two chan xtal contr,
AM/CW 5w/15w.Manpack
trans/rec, for mountain & airborne troops. To replace
BC-654, later
replaced by the GRC-9. Can include M-404 cover &
PE-237, 6/12/24vdc
vibr
pwr sup. gd-vg cond.

R-100/UR, troop entertainment receiver. looks/works
good, $150
($135 if you cum get it)
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Non U.S. Military Radios:

CPRC-26, 47-54mc, FM, 6 chan xtal contr squad radio.
With handset,
headset, antenna, 6ea xtals, & rare original Canadian
canvas carry
bag(not Dutch). $100

CPRC-510, 38-54mc FM backpack transceiver. Canadian
version
of U.S. PRC-10A. With ultra rare canvas carry bag &
shoulder straps,
copy
of Canadian manual, handset, headset, short & long
antennas, Battery
box
& TNM battery adapter for use with standard batteries.
$185
As above, less accessories, $68

PHILIPS VHF/FM HT, Made in Holland. 6 chan w/tape ant,
xtals in 6
channels(47.3-53.750mc). Found in Chilean flea market.
Marked S01147,
955169203001.

(See MCGP May 17/2000)

Mod.19 Mk II, unused with all acc except mount.

SEM-35, German 26-70mc, FM, solid state backpack transceiver. W/long whip antenna, & adapter for US short tape antenna. $225 (See MCGP Sept.8/99 & Sept.10/99))

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MISC AIRCRAFT CRAP:

APW-11/RT-122B, IFF Transponder. $25(or free cum get it)

ARC-4/RT-19, parts radio. Missing trans tubes, Hammed up 110vac pwr sup installed. $35(or free, cum get it)

ARN-21/RT-220, TACAN transceiver.Works on 126 xtal controlled channels 900-1200 MHz range. FR-GD cond. $20.00(or FREE if yu cum get it)

APR-4/R-54;Very similar to APR-4Y, w/TN-17(74-320mc tunning umit, dated 1944),others avail.DAY-45, VG cond, NCHKD.$150.00($120 if you cum get it)

ARR-7(R-45), WW-II Hallicrafters SX-28 repackaged for aircraft use. Exc cond w/repo man.

AVR-20A,& AVT-112A; RCA mini twin trans & rec, used in WW-II light aircraft such as the Tailercraft L-2, and Piper Cub. Other aircraft as a "Delivery Radio". Ops 2-6.8mc.

ID-226A/APR-9; Panaramic indicator used with APR-9 search receiver. Will need cabinet screws replaced, VG-Exc cond. $35(or free cum get it)

ARC-5/SCR-274 Command set stuff. 33(maybe more) assorted transmitters & receivers, conditions range from good to fair. Navy & Signal Corps types. Take um all $650($550 if you cum get um, will throw in

MANY dynos,
racks,
mounts, antenna relay/meters etc)

Shock mnt for MD-7 or dual rec/trans racks.
Dual Receiver, & Dual Transmitter Racks & Shock
Mounts.

ARC-Type 12 & 15 VHF & UHF Command sets:
Lot includes(at minimum)
4ea R-11A, 3ea R-13B, R-15, 3ea R-19, R-445/ARN-30,
R-511,
T-11A, T-13A, R-34A, B-13A, M-10 shock mount,
CV-431A/AR,
C-1917/AR, MT-1174/ARR, plus more. 21 items minimum,
take it all, $300
($250 if yu cum get um)

PAT-50A;Bendix "Flightweight" vintage(circa 1947) mini
aircraft VHF
transmitter, 5 chan xtal contr, w/mount &
modulator.GD cond nchkd,
$20.00(might have a manual)

PT-10A, Pantronics(Cessna), Miniature HF/AM aircraft
transceiver.
2-18mc
40 watt, 10 chan xtal contr(xtaled up on AC freqs),
Solid state except
for output tube. 2 units to make one good one,
w/manual. Both $45
Remote antenna tuner for above, $25
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WW-I STUFF:

Forestry Service Field Telephone, built by Kelog circa
1915, used in
WW-I, has French style handset, rebuilt 1945. $100, 2
avail($155 for
the
Pair)

1914 Service Buzzer. Miniature leather bound field
telegraph/telephone
set. Forerunner to the TG-5. $125
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CANVAS;
PRC-68 carry bag & sling, camo, unused. $16
PRC-91 or -94, leather carry case.
BG-49, canvas acc bag for BC-148/151.
BG-81, canvas carry bag for BC-221, w/heavy shoulder
strap $35

BG-128B, canvas cover for ?, unused exc cond. 2 avail
$15
BG-172, canvas accessories bag for BC-1306, gd-vg cond
CS-76-J, canvas bag for RM-39,& many others, $15
CW-206/GR, antenna & accessories roll bag used with
many
HF manpack radios.Unused $13, 5 avail
CW-186, canvas bag used with RM-52, RM-53 & others,
$13
CW-189/GR, canvas bag for GRA-6 contr group etc. $13
CW-212, canvas cover for ?
CY-1277B, bag for TA-43 or TA-312.Used good. $8
ST-120, for PRC-8, -9, -10, -28.
ST-138, backpack harness for PRC-25/77. several avail.
$15
Leggings, WW-II, canvas, VG cond, $10
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ANTENNA STUFF:

For the AS-1729(MX-6707):
AT-1095/VRC, top fiberglass whip section for AS-1729
etc, New $15
Replacement springs, used. $5ea(or free cum get um)
Shovel Mount(SC-D-189023) $15
Late model(bird cage) mount, $15 2 avail.
Adapter for above allows use of AB-15 etc. $5.00
Steel Top Mount ring for MX-6707, $5.00
Plastic Ball tips for whips, $3.00
Hold down cords & steel clip. $5.00

A-62/SCR-508/528 fantom antenna. $15
AB-15, vehicular ant base/spring, used WW-II till now.
$13
AB-652, Simi to AB-15 but larger, used on current HF
equipment(GRC-106).
$20
AB-155, AB-1089, $15
AT-339/PRC, DF ant & bag for PRC-10 etc. $25.
MX-2799, base/tuner/spring/mnt for AT-912(vehicular
30-76mc ant,
replaced by MX-6707/AS-1729).$20ea, 4 avail
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AUDIO ACCESSORIES & WIRE LINE STUFF:

Matching transformers, Use any 8 ohm speaker you want
with your
military
radio. 500ohm-8ohm, $4ea(open frame comercial)
$6ea(sealed military)

Earphones used with PRC-90, PRC-116 etc, snap
connector, $5, 6 avail.
Earphones used with PRC-64, PRR-9, URC-68 etc, submini
phone connector,
$5, 5 avail

EE-8, field phones used pre-WW-II till late 60's.
$45ea several avail.
H-63, Headsets, various-VRC/PRC-uses, U-77-con,
w/SA-142,
GSA-6(inline PTT),boom-mic-VG-cond.$25
H-63, as-above, headphones only, 500ohm, may need
clean up or
repair.$5.00
Boom mics for above, use with same or to repair
M-29's.W/JJ-055
$5.00
H-157, late modle aviation headsets, H-87 boom-mic,
U-174 con. $25
H-161, VRC headsets, H-140 boom mic, dual U-229
con.inline PTT. $20
H-251, late mod 500ohm headphones, U-229 con. $15
H-277, late mod headphones, 500ohm, U-77 con. $15
LS-454, as LS-166 except for PRC-25/VRC-12 etc.U-229
con. $11
LS-454 speakers, fixer-uppers, no mounts, most will
need cords
$7ea about 12 avail.
M-80, 500ohm dynamic mic,U-229 con. $8
Also loads of WW-II vintage stuff, mics, headphones,
connectors, what
do
you need?

TA-221/PT, Telephone, Circuit Operators control, P/O
SB-22 & SB-86
feild
witchboards. Contains crank gen, patch & handset
connections.$20 2
avail

TA-312, field telephone, ruff shape, missing battery
cover. $15.

TA-326/PT, Trunk jack, realing cord with PJ-015R
connector, used with
SB-22 other switch boards,$10 several avail

TA-426/GTC, late modle feild or fixed telephone, Touch
tone key pad,
w/hard cover. $40

WW-II Megaphones,
Set #1, T-36 hand mic, LS-6C hand held loud
speaker/mic(megaphone),
N-230C tripod, CS-91 case. Shipping date July 1944,
$60
Set #2, as above with same items but in better shape &
inlcudes BC-614
audio amp(reported to be bad) & Shoulder Harness.
Dated 43. $80
Take um both for $125.(got these for a friend that
don't need um now,
typical!)

H-189 Handsets for PRC-25/77, VRC-12 etc.
Box of approx 6, will need repair. all $14(or free cum
get it).

M-80 mics, for PRC-25/77, VRC-12 etc.
box of 10, will need repair. all $20(several boxes
avail)
(or free cum get um).

LS-171 speakers, large entertainment, $40ea(2 avail)

LS-454 speakers, for PRC-25/77, VRC-12 etc.
box of 5, will need repair. all $20(several boxes
avail)
(or free cum get it).
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CONNECTORS:
U-229 audio connectors for PRC-25/77, VRC-12 etc. $2ea
U-77 audio connectors for PRC-10 GRC-106 etc. $2.50ea
PL-68, audio connectors for WW-II vintage mics,
Collins, Drake etc.
$3ea
PL-259 Amphenol coax connectors, w/U-174 adapter, cut
offs.75ea, 10/$5.
SO-239 Amphenol panel connector mate for above,
used,.75ea,10/$5.
SO-239 as above w/sheild & screws, used $1ea, 14/$10.
RT-66, -67, -68, Dogbone connectors, CX-1211 dogbone
connector
(RT to Pwr Sup) $8ea 5 avail
TCS, ART-13, and thousands of others(will most likely
need a picture or
part number ta find the one you need).
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MORE ACCESSORIES:

For The GRC-9.
Trans, gd-vg cond.
Trans, junker.

Rec, junker(restorable)
Case, 2ea avail
CW-109, Panel Cover,
PE-237, 6/12/24vdc vibrator pwr sup for early GRC-9(or
BC-1306)
DY-88, dyno/pwr sup.
CD-1086, pwr cable.

For the GRC-106, -122, -142.
MT-3140, mounts. With tall side bars for mounting of
stacked RT & Amp,
or
RT & MD-522. 2 avail, Or With short side bars for
mounting single RT or
MD-522 alone. either $35ea
H-277, headphones $15
M-29, mic. $8
CW key, needs cord. $25.
Antenna whip connector/wire, w/standoff insulators,
$20 several avail.
C-1779/GRC-142, Junction box, U-77 cord to box with
U-77,
12ea covered 1/4" phone plugs, 4ea wire binding
post, $18 3 avail
CX-10099, Dogbone interconnect cable(exciter/amp). $15
several avail
CX-10527/G 3', 4 pin 24vdc power cable used with most
late model radios. $12, 7 avail
CX-13315/G, 2'
CX-13316/G, 2'
CX-13317/G, 2' 2 avail
CX-10513, 10'
CX-10514, 6', 3 avail
CX-10516, 4', 3 avail
CX-10517, 4', 3 avail
CX-10519, 6', 2 avail
SC-D-96C625-009, Connects UGC-74 to, 2 avail
SM-C-603108
J-2728/GRC-142, Interconnect Box. $10ea 4 avail(or
free cum get um)
J-4024, Crypto internconnect box for GRC-122, -142.
$25.00,(or free cum
get um) 2 avail w/mnts
SA-1554/GRC-142, Switch Assembly. lots of controls &
connections for local & remote, TTY/Voice/CW
operation. $20
(or free cum get it)
MD-522 FSK modulator w/full set of manuals.
UGC-74 teletype w/full set of manuals.
TT-76/GGC, teletype reperf/trans(2 avail, free, come

get um)
Just about everything you need for TTY installations
of GRC-106, ask.

For the PRC-47,
MT-2786, legs/counterpiose.
H-277, headphones,$15
Long Wire Antenna, $19
Replacement whip ant sections $3ea
Whip antenna bag, $13
R/T Top Cover. $13
R/T Chassis(no modules) w/Front panel & controls.
R/T Cabinet, fr cond.
Misc parts, ask.

For the BC-191/375,
BC-306, antenna tuning unit. $45
TU-5B, 1.5-3mc TU, BC-191/375. $25
BD-77L, dyno for BC-191, $100.
RL-2B, 24vdc ant reel, B-17 trailing wire ant. $50(2
avail)

For the BC-610/GRC-26
TU-47 2-2.5mc tuning uinit for BC-610. $15
TU-48 2.5-3.2mc tuning uinit for BC-610. $10
TU-49 3.2-4.0mc tuning uinit for BC-610. $16
TU-50, 4-5mc tuning uinit for BC-610. $10 2 avail
TU-54, 12-18mc tuning uinit for BC-610. $15
Coils: 8-11mc $8.00 2 avail, 1-14mc $10.00 3 avail,
2-3.5mc $15.00, 3.5-4.5mc $5.00(needs repair),
4.5-5.7mc $10.00, 5-8mc $10.00, ?-?mc $5.00

CV-186/GRC, FSK converter for BC-610, by
Hallicrafters.FR cond.(FREE
cum
get it)

For the SCR-284(BC-654)
J-48 CW key, has cover, needs cable.
PE-103 dynomotor pwr sup. 2 avail
GN-45 hand crank gen.
CD-501 cable for above.
MS-56, 55, missing link mast sections, 4ea avail
MS-54, used w/above stack for reater hight, unused

For the SCR-522,
BC-602B, remote channel selector, w/mount.$17.00
BC-1303, contr for SCR-522. FR cond.$10.00, 2 avail
RE-13/ARA-8, Antenna relay used with SCR-522, AN-104,&
ARA-8,
missing back over, $10.00

For the VRC-19
T-278 Transmiter, no tubes. $12(or free cum get it).
DY-98 pwr sup,$15(or free cum get it).
2 milk crates full of modules, Probably no tubes.
$15(or free cum get
um)
some misc manuals.(free cum get um)
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POWER SUPPLY STUFF:
AM-65, audio amp/pwr sup for RT-70.
ARC-27/dyno,
BD-41,
BD AR 83,
PS-225,
CCW-211202-B, hand crank gen for early TBX.
DM-32A, dyno for ARC-5 rec.
DM-33A, dyno for MD-7,
DM-35D, dyno for BC-604,
DM-37D, dyno for BC-604,
DM-53,
DM-64A, dyno for BC-925,
DM-65A, dyno for BC-924,
DMX 310, dyno for Type 12 ARC,
DY-8, dyno for MD-7,
DY-66, dyno for ARN-14,
DY-88, dyno/pwr sup for GRC-9.
PE-86F, 24vdc dyno.
PE-120, 6/12/24vdc veh pwr sup BC-620, -659.

PE-237, 6/12/24vdc vibrator pwr sup for BC-1306/early
GRC-9. $100(local
pickup only) CD-1086, pwr cable for BC-1306/GRC-9.

PTAD-101, Motorola power supply for URC-100 series
radios. Ops from
12-32vdc or 110vac, clips on radio in place of battery
box. unused.

PP-109, 12vdc pwr sup RT-66, -67, -68.
PP-3700, 110vac pwr sup PRC-41(clips on in place of
battery box).$25
PP-6109, 110vac pwr sup PNH-7(P/O TRQ-30).$10
PU-158, Gas motor generator, used to operate GRC-13.
Very small 2 cycle
generator & metal transit case(slightly larger
than a bread box)
supplies
1.5, 90,& 500vdc. Will operate many other portable
types. Black
color, MFP 1950. $275
RA-87, Rectifier 110vac to 110vdc for TTY stuff, Phila
43.

In nice wood transit case(CH-158). $25(or free cum
get it)

Singer Panadaptor power supply. TMP-1b, 19" rack
mnt.(Free cum get it).

D500-SAN, AC voltage regulator, 95-130vac/7a in
115vac 400cps out.
$20(or FREE cum get it).

GTC, Porta Power, Model L, universal power supply for
vintage battery
radios
with 4-8, 2 volt heaters.$20.00

Perma-Power, Model A, Simi to above, except has
maiting battery
connectors
vice bar strip. For 1.5v battery radios, Unused with
papers,$25.00.
Same as above except marked Sears, less papers,$18.00
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BC-188, p/o SCR-178, for BC-183 transmitter. Missing
meter.
$30(or free, cum get it)
BC-367, interphone box used in early WW-II armored
vehicals,
will need on/off switch & fuse holders replaced.
$20.00
BC-709B, Interphone Amp, gd cond. $15.00

CAY-211483,
CW-206/GR
CW-212, CW-216A/PRC-10,
CW-47075/RU-16
CW-47069/RU-16
CW-47137/GF-11
CX-1093A/URC-4, or URC-11, Battery cable, $7ea several
avail
CX-10099/GRC-106
CX-10613/G, 2 avail
CX-13089/VRC
CX-8688/PRC-41, retranse cable. U-77 both ends. $13 2
avail
CY-1399/PRC-14 xtals box & xtals, $25
CY-7541/PRC-104. Battery box, unused, $25 2 avail

I-82, radio compass indicator. $25

RM-21, p/o SCR-543, rem contr for BC-669 & gen.
Controls for start,
stop,

choke, handset connector & hang up bracket. Phila
43.$35
RM-29, wire line rem contr for WW-II grnd rad
equip.$25
RM-59, wire line rem contr for WW-II grnd rad
equip.$25
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PARTS:

Parts Avail For:
BC-221, BC-348, BC-603, BC-611, BC-728, BC-745,
BC-1000, BC-1306,
GRC-9, GRC-106, GRR-5, PRC-6, PRC-8, PRC-9, PRC-10,
PRC-25, PRC-33,
PRC-35, CPRC-26, PRC-47, PRC-59, PRC-61, PRC-64,
PRC-91, PRC-94, PRT-4,
PRR-9, TCS, R-392, URC-4, URC-64, URC-68.
COMCO 611, SKY-515, TCS, LM-21,
Command Sets(all types), LS-166, LS-454
Motorola MX HT's, xtal, 'S' & 'R' series.

Panel Meters:(all these are military sealed 1.75"
square bezel)
For MD-522, $10
FS 1ma(black face), will work in GRC-106/RT but is not
correct. $8
White face, $5
For RT-66, -67, -68, New replacement meter. $10
FS 50ua(black face), $6
80db,(white face), $5, 2 avail
(I have hundreds of panel meters, all sizes and types,
let me know what
you need. Will make a list and & send it when
finished)

TUBES Thousands of um, ALL types, I'm making list now,
let me know if
you
want a copy when finished, or send me a list of what
you need
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Crystals:
Crystals Thousands of um, ALL types. Making a list now
that's already
over 26 pages long. What do you need? Want the list?

PRT-4/PRR-9, FSE-38/58,(CR-81): $5ea(51mc $6ea)
46.85mc 2ea, 49.8mc 3ea, 50.2mc, 50.4mc, 51.0mc 7ea
may have others.

PRC-6, CPRC-26(HC-6 CR-23 or CR-52): $5ea
47.2mc 2ea, 47.4mc, 47.6mc 5ea, 48.0mc, 48.6mc 6ea,
48.8mc, 49.0mc 6ea,
49.2mc 6ea, 49.4mc 3ea, 45.300mc, 49.6mc, 50.0mc,
50.2mc, 50.4mc,
50.6mc,
50.8mc 2ea, 51.6mc 2ea, 51.8mc 2ea, 52.0mc, 52.2mc
2ea, 53.2mc 5ea,
53.3mc 2ea, 53.4mc 3ea, 53.6mc 3ea, 53.7mc, 54.0mc
2ea, 54.2mc, 54.8mc,
55.4mc

Also avail for URC-68, PRC-14, PRC-91, PRC-94.
Commercial, CB etc.
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TEST EQUIP:
B & K,
510, port trans chkr, w/case, less leads. $15
707 Tube checker, looks like crap, works great, w/new
set up charts.
$40
(or FREE cum get it)

EMC 213 miniature tube chckr. $20.00

Measurements Mod 111 vintage Xtal calibrator w/man.
$15.00
(or FREE cum get it)

Motorola(By Measurements Corp), sig gen, TU-576
(ops aprox 20-500mc w/FM). $35

Precision Electronics, Mod 201 Signal Tracer. Uses
6X5, 6SJ7, & 6K6
tubes. $15(or FREE cum get it)

Sencor,
TR15 trans chkr,$15.00
TF151,Trans/Fet chkr.missing carry handle, $20
TF151A,Trans/Fet chkr,w/leeds.$25

Systron Donner, 101 pulse gen,ops .1kc-10mc,
small/solid state,
w/man.$55.00

RCA VoltOhmist solid state VOM,WV-500A $10.00.
SOLA, constant voltage transformer, 110/220, type 43.
$40 2 avail

Vibrater checker, Vintage set checks 4, 5, & 3
differant 6 pin
vibrators
using 4 light bulbs, needs new cord, $12.00

Military,
BC-221 freq meters. $20.00(got a bunch of um)
LM-21 Freq meter $15.00(or FREE cum get it).
ME-9 multi meter $15.00(or FREE cum get it).
ME-57A, FM modulation meter, ops 20-1000mc, in transit
case. $60
ME-165, watt/SWR meter. Bulkhead mounted meter used
with BC-610,
T-368, T-195 & GRC-106. $55
ME-297 solid state VOM $20.00.
Test Set, Turret Electrical, $10(or FREE, cum get it)
TS-538B, signal generator, 1630 & 1730mc. $10(or FREE,
cum get it)
TS-1301/PSM-13 batt test set for portable radios,
$10.00.
USM-128, Test Set Electrical Circuit. $15 (or free cum
get it).
VO-6E BC-1000 Test osc $10.00.

BC-221's, all different types, metal & wood cabinets,
some fair some
exc
cond. 5ea(OR MORE). all $80($90 if yu cum get um, will
throw in HB pwr
sups & junkers)
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NON-MILITARY, HAM & MISC;

Alda 103, 3 band(75/40/20 meters) solid state
12vdc(one of the first),
SSB/CW transceiver. Looks/works good. Needs on/off
switch. w/mic. $165

Atlas 210X, solid state SSB transceiver. w/110vac pwr
sup, slide-in mob
mnt(plus an extra), mic, MARS(VXO) xtal adapter, and
man. $275

Bendix Skipper, marine HF/AM transceiver, works 160 or
75mtrs, Plate
modulated 6146, 6 chan xtal contr, built in BC rec,
solid state power
sup, rec, & modulator. Ops from 12vdc, cntrls for vol,
sqlch, chan, BC
tune, ANL.VG cond CHKD.$40.00(or free cum get it)

RCA, CRM-P8A-25, As above except no sqlch or ANL
cntrls,
hybrid rec, GD cond CHKD $40.00(or free cum get it)

Simpson 85, marine HF/AM, $20.00(or free cum get it)

DRAKE TWINS, R-4A rec, T-4X trans, MC-4 pwr sup/spkr,
160-10mtr,
w/orginal boxes & man, $450.

Hallicrafters, SW-500, .55-30mc, 4 band, short wave
receiver. $35

Heathkit GR-78 solid state short wave receiver, w/man
& new nicads.
$50.

Heathkit HWA-2036 110vac/12vdc Power supplies, used
with solid state
mobiles. $25 Several avail.

Midland, 2mtr HT, 5w 135-175mc tx/rec, synthesized,
scan etc. W/spkr
mic,
2ea batts, chrgr, man, & ant. Used very little. $130(I
got PRC-127's
now
so don't need it)

Northern Radio N570, marine HF/AM/SSB $50.00.(or free
cum get it)

Pearce Simpson, Capri VHF Marine, older highbrid
transceiver. $20(or
free
cum get it)

Ray Jefferson, 'Titan' Mod 1425 VHF/FM Marine,
12ch/20watt. $20(or free
cum get it)

Radio Shack, DX-440(by Sangean), 150kc-30mc(plus FM
stereo) digital
portable short wave receiver. $100

Swan(Cubic) 100MXA, 5 band(75-10meter), SSB/CW solid
state transceiver.
W/mic, mob mnt & man. $250

WARD's(Royce?) 40 base CB, $35.

Yeasu FT-709R, 440 HT, w/nicad, charger, ant & man.
$125

Zenith Transoceanic. Working, has wood grain finish
that I can't tell
if
it's original or not. $125

TPL VHF/Amplifiers, 120w/12vdc,1-4w drive(can be
modified for up to 10w
drive), commercial duty will work 2mtrs, PSB or VHF
Marine, w/15ft pwr
cable, PA3-1AE. $90ea, 2 for $170, approx 25 avail

6 METER RADIOS:
Cherokee AH-50, 6mtr/HT FM, 5w, scan, w/rubber duck
ant, nicad batt,
'AA'
batt box, chrgr, belt clip. In box w/manual. $165

Lafayette HE-45b, vintage 6 meter AM transceiver.
w/HE-55 'Squelcher',
mic, HE-6c external VFO, and mobile mount. $45

RCA HT's, Also known as Repco & Comco, lowband version
of PRC-91 & -94.
2
chan, 5 watt, w/carry case & charger.
$35ea, 6 avail.
Accessories for above(with radio only)
Xtals $20 pr pair
52.525mc 2ea pr avail
51mc, 2ea pr avail.
52.260tx/52.76rx 2ea pr avail
46.85-48mc also avail.
Manual, $10 2 avail
Manual, partial copy, $3
Rebuilt nicad battery, $13ea, 3 avail

Ge Porta-Mobile, 2 chan, 15 watt, lunchbox type
portable(removed from
service with the Mo. St. National Guard). Mic
included, choose from
battery boxes or power supplies below. $30ea, 5 avail
Accessories for above:
Xtals(1 pair per radio)
52.525, $20, 2 pr avail.
51.00mc, $20, 2 pr avail
45.12mc, $10, 2 pr avail
45.30mc, $10, 2 pr avail
46.9mc, $10, 2 pr avail
46.7, 46.8 1ea avail
(others also avail, ask)
"D" cell battery box, $8, 3 avail
Nicad battery box/12vdc power supply, $10, 10 avail
Early style charge cable for above, $5, 4 avail
Later model charger for above, $8.00, 3 avail
12vdc power supply, $10, 12 avail

Motorola MT-500 Omni, 2ch/5w, PL, w/ant, batt, chrgr,
new leather
case, H31BBU3124A. Very clean checked $100ea 2 avail
Xtals (1 pair sold with radio only)
52,525mc, $20ea 2 pr avail.
51.00mc, $20ea 2 pr avail.
47.02mc, $10ea, 4 pr avail
47.08mc, $10ea, 4 pr avail

Dennis Starks; Collector/Historian
Midwest Military Communications Museum
mailto:military-radio-guy@...

Will sell or trade for anything on my want list:
Thousands of business band radios by Motorola, GE,
Midland, Kenwood, & many others.
Quantities of 2mtr amps, solid state, 12vdc,
commercial duty, intended
for
use with HT's, 50, 60, & 120 watts.
For 21 page catalog send request to
<whole-sale-radio@...>
**********
MY WANT'S;
In general: Clandestine, Military, Para-Military, or
Military Type,
radio
equipment.
REGARDLESS OF VINTAGE OR COUNTRY OF ORIGIN. Field
portable & vehicular
types preferred, others considered.(if it's not listed
below, it
doesn't
mean I don't want it).

Accessories, Parts, Parts-Radios, Manuals & Historical
Information,
Needed for the following:(* denotes radio also needed)

WW-II Signal Corps,
BC-9*, BC-148*, BC-151*, BC-188, BC-186, BC-222,
BC-322, BC-474,
BC-620, BC-652, BC-653*, BC-659, BC-721, BC-728,
BC-745,
BC-1000(gray versions), BC-1306, BC-1335.
SCR-178, SCR-179, SCR-195, SCR-195, SCR-288, SCR-504,
SCR-506, SCR-511,
SCR-619,

Forrestry Service,
SPF, SF, SX, Morrow Type WT-S.

German,
FSE 38/58, PRC-6/6, SEM-35, SEM-52A, SE 6861,
Tesla PR-35(East German), PRT-37, PRT-47.

GRC-9, GRC-13*, GRC-19, GRC-109*, GRC-165
URC-4, URC-10A, URC-68, URC-101*, URC-120*, URC-187*,
URC-773
RT-67, RT-68, RT-70, RT-524*
VRC-24, T-195

Hallicrafters OPS Series,
HC-100, HC-400, HT-1, HT-2,
FM-1, -2*, -5, -7*, -10*, -20*
PC-230, SBT-22, SBT-22-18,
TR-5*, -9*, -20*, 35*. & others!
(Some examples were built by Radio Industries, Wilcox,
Northrup, Hammerland, Breaker, and Motorola.)

Navy,
TBX, TCS, TBY, DAG, CMS*, MAM*,
MBM*, MBF*, MAB, DAV.

Harris,
RF-SB-6M, RF-201M, RF-230S(Canadian SRC-512), RF-280*,
RF-301A, RF-301P*, RF-302A*, RF-401, RF-1525.

Motorola:
SA-104(HF/SSB Base), SA-211(HF/SSB back-pack), MX (R &
S versions), PT
&
PX(programmable versions), Micom HF/SSB equipment, OPS
series
equipment.
FM-5, OPS series VHF FM portable.

PRC-1, PRC-2*, PRC-3*, PRC-4*, PRC-5, PRC-7*, PRC-14*,
PRC-16,
PRC-17, PRC-25(experimental*), PRC-33, PRC-34*,
PRC-35*,
PRC-36*, PRC-41, PRC-52*, PRC-53*, PRC-56*, PRC-58,
PRC-59, PRC-68,
PRC-68A*, PRC-68B*, PRC-70*, PRC-71, PRC-72*, PRC-75*,
PRC-77*,
PRC-83*,
PRC-88*, PRC-126, PRC-127, PRC-128*, PRC-130*,
PRC-136*, PRC-138*,
PRC-349(British), PRC-6063, (((*AND MANY OTHERS*!!!)))

R-392, R-744/PRR*, R-901*, R-902*, R-1051, R-1218/UR,
R-1289/PRR,
R-1410/GR, R-1444*, R-1484/PRR-15*, R-1518/UR,
R-1617A/USQ-46,
URR-70, TRQ-30, USQ-46.

Russian,
R-105D, R-105M, R-123*, R-126, P-147, R-311.

TRC-2, TRC-7, TRC-10*, TRC-77,
TRC-552(French/Thompson/Iraqi)

United Kingdom,
Mk-128(British)
Racal BCC-349,
Racal Syncal 30. all canvas, battery(or battery box)
Astor ATR-2(Aussie)
Ws No.19 Mk-II(US), -III(Canadian), veh mnt.
Ws No.108(Aussie), all canvas

Miscellaneous Radios & Acc Wanted, AR-11*, SSTR-1*,
SSTR-5*, SSTC-502*,
SSR-5A*, MCR-1*, RR/D-11*, SRR-4*, SCR-504*, Galaxy
COMM-1A, COMM-2,
RS-1*, RS-8*, Comco 611*, SKY-515, Collins KWM-2*,
Stoner PMC-12,
71-B1(Chicom), AR-18(Italian WW-II), Delco 3500*,
5300* & 1500*,
Jefferson Travis 350AT, Southcom SC-120*, SC-130*,
MP-25*, MP-50*,
Gonset Communicator III, all types clandestine radio
equipment*.
PSG-2 data terminal, Hallicrafters HT-21 Littlefone
6mtr FM.
(((And many, MANY others!!!)))
---
I Need This Stuff For:
BC-9, parts or parts radios, panel meter, all acc.
BC-222/322, BG-71 canvas bags, HS-22 or TS-11E
handsets, BA-32
battery.
BC-654(SCR-284), veh mnt(FM-41)
BC-728, veh mnt(FT-), ant(AN-79 w/canvas pad)
BC-745(SCR-511, 'Pogo-Stick'), T-39 chest unit
(complete or parts), veh
mnt
BC-1000(SCR-300), all haze gray accessories. batteries
BA-70 or BA-80.
BC-1335(SCR-619), mnts veh() & packboard().
DAV/MAB, NT-6(CRF-19046) 6 volt 4 amp hr batt,
vibrator power
supply(CRF-20221), antenna telescoping(CCI-66081),
scull cap/headphones(CTE-49214), also used with the
RBZ.
GRC-109/RS-1, receivers.
GRC-165A(Harris RF-301A), antenna tuner RF-302A,
mic & pwr connectors.
PRC-25, veh mnt(not MT-1029), experimental radios &

parts,
MK-456/GRC, Retranse kit for late model radios sets.
PRC-35, parts & parts radios.
PRC-41, -47, batteries or housing alone(BB-451)
PRC-127, spkr/mics & connectors, program cables, key
pad covers,
carry bags, mobile stations.
R-392, veh mnts, dogbone con.
RT-70, CX-1209 long & CX-1213 dogbone cables,
RT-524(VRC-12), vol contr & knob, rack handles, parts
& parts or good
radios.
(Want to build a repeater with same, so far only have
a parts radio &
diplexer)
SEM-52A,Audio connectors looks like a small 7 pin
U-229,
mate to panel connectors Cannon FBA7R1A01 or
Schattbau VG95351B7.
Handsets, manuals/schematics, xtal/channel boards.
T-195, veh mnts, dogbone connector.
TRC-77, BB-447(A) batt case.
VRC-24, veh mnt, connectors.

OPS Series Radios:
FM-5 & FM-7(Hallicrafters), batt box, veh mnt, all
acc.
FM-5(Motorola)
SBT-22-18(Hallicrafters), Batt box, hnd crnk gen,
parts & parts radios,
all acc.
TR-5, internal boards, parts or parts radios, all acc.

MX-300R(Motorola), batteries, veh station(conn & mics
for same).
---
Misc Stuff Needed:
Small portable all mode HF/VHF. IC-706? Military?
Need a GOOD digital camera to build on our web site
with. Sony?
---
MISC WEAPONS Wanted/Swap;
Wanted:
Many military arms & edged weapons regardles of
vintage.
Long guns(especially carbine, folding stock variants,
& sniper types).

Handguns(especially U.S. Property marked, or WW-II, or
those used with
shoulder stocks). Good shooting examples of P-08,

P-38, Englis Browning
High Power(& acc), Lati 9mm, Radom 9mm, Russian
Tokerev, 1911A1, Smith
1917, Mauser C-96(9mm & acc).

M1 Garand, good shooter, tanker, C or D.
1903 Springfield, good shooter, bayonet(no cut downs),
stripper clips.
1917 Enfield, good shooter, bayonet(no cut downs),
stock & hardware.
1886 Lebel Carbine, bayonet, front barrel band, sling,
8mm Lebel ammo.
Carcono Carbine, sling, 6.5mm ammo & clips.
Enfield Jungle Carbine, 303 stripper clips, bayonet.
AR-15/M-16 preban, short barreled uppers & misc parts,
Colt 1"
rings/mnt.
AK-47, Russian or Chinese preban folder.
M1 Carbine, push button safety, 3 prong mag catch,
rear sights.
Universal or Government "Enforcer" stock.

Bayonets Needed For:(no cut downs)
Garand, 1903 Springfield, M1 Carbine, 1917 Enfield,
Enfield Jungle carbine, 1886 Lebel Carbine, 1870
Veterli.
Various other military knives, swords, & bayonets.

Mags Needed For:
Colt Pony 380, LLama 22lr, IJ TP-22 22lr, M11 steel.
---
Avail Ta Swap Off:
Items For.
AK's, 2ea 100rnd drum mags, new $150ea. 5ea 10rd mags,
$8ea.
Fiberforce stock, unused $30. Ugoslav butt, $10. Gas
tube, $5.
30M1 Carb. M2 slide, late flip safety $5, 2 prong mag
catches $5.
S&K scope mount & steel rings(the best made) $20.

Bayonets & Knives:
SKS Blade, or Spike. $6
SMLE Lithgow, w/scabbard. $45
98 Mauser, German WW-II, w/scabbard & frog. $65
Arasaka, Jap WW-II, early curved guard w/scabbard. $75

1911 45acp, 20rnds, unopened box Frankford Arsenal.
Lot F.A.681.$20
30.06, approx 100rnd belted/linked dummies. $25
NM rear site for M1(Garand), M-1A, M-14.

No 78 Mk 1, UK Sniper scope.(What was this thing used on? When?)
Weaver B6 vintage(El Paso) 6x scope, 3/4" steel tube. $35
Weaver K4 vintage(El Paso) 4x scope, 1" steel tube. $50

1870 Swiss Veterille, 41 cal.(w/6rnds ammo)
1917 Enfield, 30.06(project gun, rear sight ears ground off)
Rem. Mod 11, 12ga riot, US Ord. marked.
Stevens simi auto/bolt action 22. 22s, l, & lr.
Marlin Mod 99 22lr, early, walnut stock, exc cond.

Dennis Starks; Collector/Historian
Midwest Military Communications Museum
mailto:military-radio-guy@...

_____
Do You Yahoo!?
Yahoo! Photos - Share your holiday photos online!
http://photos.yahoo.com/

# 715. T-368 Registry 12/31/00

Yahoo group: T-368_BC-610
Date: 2000-12-31 23:12:09 UTC
From: W2ZR@aol.com
Topic: 715  Message: 715

W2ZR w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI redmenaced@...
Bendix T-368 E #160
contract 3219-PP-59

WF2U mbendror@...
B&W T-368E #628
contract 15117-PP-62

W8KXR jtone@...
B&W T-368C #216
contract 43056-P-55

Bendix T-368C #209
contract 3219-PP-59

W4WSZ bobm@...
Stromberg-Carlson T-368D #161

KF2JQ jprusso@...
(awaiting details)

WB3FAU wb3fau@...
Oneida T-368F #192
contract 15498-PP-63

KA3OTT kazott@...
B&W T-368C #018
contract 43056-P-56

KW1I Dale.Gagnon@...
AMF T-368A #62
contract 25209-PHILA-54

W3NP daveh@...
B&W T-368E #575
contract 15117-PP-62

KD1YT tlewis@...
B&W T-368E #27
contract 15117-PP-62
overhauled at Pirmasens Army Depot

KX4R kx4rgc@...
Crosley T-368C #560
contract 21316-PH-56

B&W T-368E #541
contract 11517-PP-62

WB6DXR lesterw@...
B&W T-368 #18
contract 25633-Phila-53

W2HU reid.j.hagan@...
T-368 #138
(awaiting details)

W7QHO w7qho@...
B&W T-368 #129
contract 25633-PHILA-53

Crosley T-368C #237
contract 28459-PH-55

K2AUS w.d.gallagher@...
TRW T-368F #303
contract 14527(E)

N4FS n4fs@...
TRW T-368F #261
contract 14527(E)

WA1QHQ mark.donaldson@...
B&W T-368 #32
contract 25070-Phila-54

AE4IN ae4in@...
Daystrom T-368C #46
contract 28597-Phil-55

W5BVB plmills@...
Oneida T-368F #19
contract 15498-PP-63

N4KIA pradams@...
Crosley T-368C #275
contract 28459-PH-55

N2BC n2bc@...
T-368C

K4BVQ PHollifield@...
Bendix T-368E #118
contract 3219-PP-59
overhauled at Pirmasens Army Depot

KF4TP olaf@...
TRW T-368F #190
contract 14527(E)

KE7KK ke7kk@...
Stromber-Carlson T-368D #33

W9QM r_longworth@...
T-368
(awaiting details)

K9RJ jandrjor@...
Stromberg-Carlson T-368D #55

WA6IUR fly n ham@...
TRW T-368F #2
contract 14527(E)

W4TDC WA4TDC@...
Crosley T-368C #364
contract 28459-PH-55

K9XH jleer@...
TRW T-368F #238
contract 14527(E)
overhauled at Pirmasens Army Depot

WA4KCY sweetbay@...
TRW T-368F #358
contract 14527(E)

Tom Leiper (no call yet) twleiper@...
Ecco Electronic Components T-368F #76
contract DAAB05-67-C0022

K0WRX PLCullum1823@...
B&W T-368C #305
contract 43056-P-56

W1ZD w1nml@...
TRW T-368F #64
contract 14527(E)

K8OF hamalot@...
T-368C
GDP 2/67

# 716. Happy New Year!

Yahoo group: T-368_BC-610
Date: 2001-01-01 21:29:00 UTC
From: Joe Foley
Topic: 716  Message: 716

Hi,

Happy New Millenium, too.

We've got 75 subscribers now and registries for both
the BC-610 and the T-368.

I have some equipment on order that I will share with
the list if it comes through and I am still working on
getting a copy of the "F" manual with schematics. No
progress through the holidays though.

Not much air time so far, heard no one from this list
on 75 mtrs this weekend. That's the only antenna I
have at present. I did hear several BC-610's on
though, one from Alabama and another from Texas.
There are several in the North East, too. I didn't
hear anyone using a T-3 this weekend.

We have a chatroom associated with the egroups.com
list provider if anyone's interested. Its at the
T-368_BC-610 site at the egroups page.

73

Joe

_____
Do You Yahoo!?
Yahoo! Photos - Share your holiday photos online!
http://photos.yahoo.com/

# 717. West Coast MRCG Webpage updated

Yahoo group: T-368_BC-610
Date: 2001-01-02 01:30:53 UTC
From: n6wig@netscape.net
Topic: 717  Message: 717

The West Coast Military Radio Collectors Group webpage has been updated.
This time no frames and it should be useable with a text only browser. Only
tried it with Netscape and Internet Explorer. If any on the list are using
other browsers, please let me know how it is working with them.

The URL is: http://www.syzen.com/~milradio/ or
http://www.syzen.com/users/milradio/

73's

Mike
--
? /// ? ? <N6WIG@...>
? ?| ?Collector of Military and Vintage
? /|\ ? ?commuications equipment.
?N6WIG ? ? ? San Jose

_____
Get your own FREE, personal Netscape Webmail account today at
http://webmail.netscape.com/

# 718. T-368 Registry 01/02/01

Yahoo group: T-368_BC-610
Date: 2001-01-03 01:13:27 UTC
From: W2ZR@aol.com
Topic: 718  Message: 718

W2ZR w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI redmenaced@...
Bendix T-368 E #160
contract 3219-PP-59

WF2U mbendror@...
B&W T-368E #628
contract 15117-PP-62

W8KXR jtone@...
B&W T-368C #216
contract 43056-P-55

Bendix T-368C #209
contract 3219-PP-59

W4WSZ bobm@...
Stromberg-Carlson T-368D #161

KF2JQ jprusso@...
(awaiting details)

WB3FAU wb3fau@...
Oneida T-368F #192
contract 15498-PP-63

KA3OTT kazott@...
B&W T-368C #018
contract 43056-P-56

KW1I Dale.Gagnon@...
AMF T-368A #62
contract 25209-PHILA-54

W3NP daveh@...
B&W T-368E #575
contract 15117-PP-62

KD1YT tlewis@...
B&W T-368E #27
contract 15117-PP-62
overhauled at Pirmasens Army Depot

KX4R kx4rgc@...
Crosley T-368C #560
contract 21316-PH-56

B&W T-368E #541
contract 11517-PP-62

WB6DXR lesterw@...
B&W T-368 #18
contract 25633-Phila-53

W2HU reid.j.hagan@...
T-368 #138
(awaiting details)

W7QHO w7qho@...
B&W T-368 #129
contract 25633-PHILA-53

Crosley T-368C #237
contract 28459-PH-55

K2AUS w.d.gallagher@...
TRW T-368F #303
contract 14527(E)

N4FS n4fs@...
TRW T-368F #261
contract 14527(E)

WA1QHQ mark.donaldson@...
B&W T-368 #32
contract 25070-Phila-54

AE4IN ae4in@...
Daystrom T-368C #46
contract 28597-Phil-55

W5BVB plmills@...
Oneida T-368F #19
contract 15498-PP-63

N4KIA pradams@...
Crosley T-368C #275
contract 28459-PH-55

N2BC n2bc@...
T-368C

K4BVQ PHollifield@...
Bendix T-368E #118
contract 3219-PP-59
overhauled at Pirmasens Army Depot

KF4TP olaf@...
TRW T-368F #190
contract 14527(E)

KE7KK ke7kk@...
Stromber-Carlson T-368D #33

W9QM r_longworth@...
T-368
(awaiting details)

K9RJ jandrjor@...
Stromberg-Carlson T-368D #55

WA6IUR fly n ham@...
TRW T-368F #2
contract 14527(E)

W4TDC WA4TDC@...
Crosley T-368C #364
contract 28459-PH-55

K9XH jleer@...
TRW T-368F #238
contract 14527(E)
overhauled at Pirmasens Army Depot

WA4KCY sweetbay@...
TRW T-368F #358
contract 14527(E)

Tom Leiper (no call yet) twleiper@...
Ecco Electronic Components T-368F #76
contract DAAB05-67-C0022

K0WRX PLCullum1823@...
B&W T-368C #305
contract 43056-P-56

W1ZD w1nml@...
TRW T-368F #64
contract 14527(E)

K8OF hamalot@...
T-368C
GDP 2/67

WB2FCN chejmw@...
Oneida T-368F #59
contract 15498-PP-63

# 719. Someone was looking for something like this

Yahoo group: T-368_BC-610
Date: 2001-01-10 01:12:33 UTC
From: Joe Foley
Topic: 719  Message: 719

Can't remember who.

http://fairradio.com/0counter.htm

Joe

_____
Do You Yahoo!?
Yahoo! Photos - Share your holiday photos online!
http://photos.yahoo.com/

# 720. Wanted Dead Or Alive: BC-614E To BC-610E Cable

Yahoo group: T-368_BC-610
Date: 2001-01-12 16:32:05 UTC
From: hardiem@intergate.ca
Topic: 720  Message: 720

Does anyone have a spare one of these or know the specs for making one? (Wire gauge, insulation rating, etc.)

Mike at: hardiem@...

# 721. BC-610 coils

Yahoo group: T-368_BC-610
Date: 2001-01-26 03:23:15 UTC
From: Joe Foley
Topic: 721  Message: 721

Saw a whole stack on E-bay.

Get em!!

Joe

_____
Do You Yahoo!?
Yahoo! Auctions - Buy the things you want at great prices.
http://auctions.yahoo.com/

# 722. T-368 Driver wanted

Yahoo group: T-368_BC-610
Date: 2001-01-29 21:37:38 UTC
From: n2bc@stny.rr.com
Topic: 722  Message: 722

Looking for the driver asm from a T-368. Need not work, need not have tubes - just not run over by a 2-ton. In other words, restorable.

Info via Email to: n2bc@...

THANKS! 73, Bill

# 723. T-368 RF driver wanted

Yahoo group: T-368_BC-610
Date: 2001-01-30 01:46:10 UTC
From: n2bc@stny.rr.com
Topic: 723  Message: 723

I whoops'd in my earlier post - looking for the PTO / RF chain / Driver assembly.

THX, Bill N2NC

# 724. 6000 Tube specs

Yahoo group: T-368_BC-610
Date: 2001-02-06 00:19:25 UTC
From: Bill Coleman N2BC
Topic: 724  Message: 724

Anybody have the specs for the 6000 driver in the T-3?
* * * * * * * * * * * * * * * * * * *
Bill Coleman N2BC
http://home.stny.rr.com

# 725. Re: [T-368_BC-610] 6000 Tube specs

Yahoo group: T-368_BC-610
Date: 2001-02-06 02:00:09 UTC
From: Joe Foley
Topic: 724  Message: 725

--- Bill Coleman N2BC <n2bc@...> wrote:
> Anybody have the specs for the 6000 driver in the
> T-3?
++++++++
Hi Bill,

I checked some sites that have data sheets and didn't find the 6000.

But KA3OTT was kind enough to send me several sheets concerning tubes found in the T-368's.

For the 6000 he shows:

Fil volts: 26.5 @ 0.028amp.

Plate watts: 25 max.

Plate Volts: 600 max.

Screen Volts: 300 max.

Screen Watts: 4.0 max.

Interelectrode Capacitance in Pf

Input: 15

Output: 7.0

Grid to Plate: 0.018

Typical service as Class "C" Amplifier

Plate Volts @ 600

Screen Volts @ 225

Grid Bias @ -60

Plate mA @ 100

Screen mA @ 18

Pwr. Out @ 35

Then if:

Plate Volts @ 400

Screen Volts @ 200

Grid Bias @ -60

Plate mA @ 125

Screen mA @ 16

Pwr. Out @ 28

It also shows pin out and dimensions if you want them.

But on another note:

I had the pleasure to chat with two members of the
list last night, WF2U, Meir and K2AUS, Don.

The conditions were great and both sounded very strong
here in Western NY.

For some reason neither were using their T-3's,
Hmmm,..... gotta work on that.

We need another on-air get together to blow out the
bugs.

Like that errant lady bug that stunk up my R-390A.

Any suggestions?

Joe KG2CI

_____
Do You Yahoo!?
Yahoo! Auctions - Buy the things you want at great prices.
http://auctions.yahoo.com/

# 726. RE: [T-368_BC-610] 6000 Tube specs

Yahoo group: T-368_BC-610
Date: 2001-02-06 02:22:50 UTC
From: Meir Ben-Dror
Topic: 724  Message: 726

Hello T-3 Groupies,

I'll tell you why I didn't use the T-3 last night: conditions were good and why use 500 W when 120 W makes it just fine... Besides, I consider the B&W 5100B I used last night as the little brother of my B&W manufactured T-3. ;-)

Some people used the 2E26 successfully by rewiring the 6000 socket. The 6000 is sort of like the 2E26 with the plate wired into the socket instead of the top plate cap...

73, Meir WF2U

-----Original Message-----
From: Joe Foley [mailto:redmenaced@...]
Sent: Monday, February 05, 2001 9:00 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] 6000 Tube specs

--- Bill Coleman N2BC <n2bc@...> wrote:
> Anybody have the specs for the 6000 driver in the
> T-3?
++++++++
Hi Bill,

I checked some sites that have data sheets and didn't find the 6000.

But KA3OTT was kind enough to send me several sheets concerning tubes found in the T-368's.

For the 6000 he shows:

Fil volts: 26.5 @ 0.028amp.

Plate watts: 25 max.

Plate Volts: 600 max.

Screen Volts: 300 max.

Screen Watts: 4.0 max.

Interelectrode Capacitance in Pf

Input: 15

Output: 7.0

Grid to Plate: 0.018

Typical service as Class "C" Amplifier

Plate Volts @ 600

Screen Volts @ 225

Grid Bias @ -60

Plate mA @ 100

Screen mA @ 18

Pwr. Out @ 35

Then if:

Plate Volts @ 400

Screen Volts @ 200

Grid Bias @ -60

Plate mA @ 125

Screen mA @ 16

Pwr. Out @ 28

It also shows pin out and dimensions if you want them.

But on another note:

I had the pleasure to chat with two members of the
list last night, WF2U, Meir and K2AUS, Don.

The conditions were great and both sounded very strong
here in Western NY.

For some reason neither were using their T-3's,
Hmmm,..... gotta work on that.

We need another on-air get together to blow out the
bugs.

Like that errant lady bug that stunk up my R-390A.

Any suggestions?

Joe KG2CI

---------------------------------------------------
Do You Yahoo!?
Yahoo! Auctions - Buy the things you want at great prices.
http://auctions.yahoo.com/

# 727. RE: [T-368_BC-610] 6000 Tube specs

Yahoo group: T-368_BC-610
Date: 2001-02-06 03:12:25 UTC
From: Joe Foley
Topic: 724  Message: 727

Specs on the 2E26 are here:

http://fido.wps.com/www.wps.com/archives/tube-datasheets/index.html

--- Meir Ben-Dror <mbendror@...> wrote:
> Hello T-3 Groupies,
>
> I'll tell you why I didn't use the T-3 last night:
> conditions were good and
> why use 500 W when 120 W makes it just fine...
> Besides, I consider the B&W
> 5100B I used last night as the little brother of my
> B&W manufactured T-3.
> ;-)
>
> Some people used the 2E26 successfully by rewiring
> the 6000 socket. The 6000
> is sort of like the 2E26 with the plate wired into
> the socket instead of the
> top plate cap...
>
> 73, Meir WF2U
>
> -----Original Message-----
> From: Joe Foley [mailto:redmenaced@...]
> Sent: Monday, February 05, 2001 9:00 PM
> To: T-368_BC-610@yahoogroups.com
> Subject: Re: [T-368_BC-610] 6000 Tube specs
>
>
> --- Bill Coleman N2BC <n2bc@...> wrote:
> > Anybody have the specs for the 6000 driver in the
> > T-3?
> ++++++++
> Hi Bill,
>
> I checked some sites that have data sheets and
> didn't
> find the 6000.
>
> But KA3OTT was kind enough to send me several sheets
> concerning tubes found in the T-368's.
>
> For the 6000 he shows:
>

> Fil volts: 26.5 @ 0.028amp.
>
> Plate watts: 25 max.
>
> Plate Volts: 600 max.
>
> Screen Volts: 300 max.
>
> Screen Watts: 4.0 max.
>
> Interelectrode Capacitance in Pf
>
> Input: 15
>
> Output: 7.0
>
> Grid to Plate: 0.018
>
> Typical service as Class "C" Amplifier
>
> Plate Volts @ 600
>
> Screen Volts @ 225
>
> Grid Bias @ -60
>
> Plate mA @ 100
>
> Screen mA @ 18
>
> Pwr. Out @ 35
>
> Then if:
>
> Plate Volts @ 400
>
> Screen Volts @ 200
>
> Grid Bias @ -60
>
> Plate mA @ 125
>
> Screen mA @ 16
>
> Pwr. Out @ 28
>
> It also shows pin out and dimensions if you want
> them.
>
> But on another note:

>
> I had the pleasure to chat with two members of the
> list last night, WF2U, Meir and K2AUS, Don.
>
> The conditions were great and both sounded very
> strong
> here in Western NY.
>
> For some reason neither were using their T-3's,
> Hmmm,..... gotta work on that.
>
> We need another on-air get together to blow out the
> bugs.
>
> Like that errant lady bug that stunk up my R-390A.
>
> Any suggestions?
>
> Joe KG2CI
>
> _____
> Do You Yahoo!?
> Yahoo! Auctions - Buy the things you want at great
> prices.
> http://auctions.yahoo.com/
>
>
>
>
>
>

_____
Do You Yahoo!?
Yahoo! Auctions - Buy the things you want at great prices.
http://auctions.yahoo.com/

# 728. Re: [T-368_BC-610] 6000 Tube specs

Yahoo group: T-368_BC-610
Date: 2001-02-06 17:49:55 UTC
From: w7qho@aol.com
Topic: 724  Message: 728

In a message dated 2/5/01 6:13:22 PM, mbendror@... writes:

>Some people used the 2E26 successfully by rewiring the 6000 socket. The
>6000
>is sort of like the 2E26 with the plate wired into the socket instead of
>the
>top plate cap...

All,

The 25AV5 TV tube works well as a substitute for the 6000. Same pin-out as the 6000 but don't just plug it straight in, though, because the plate current will be too high. The screen circuit must be modified by replacing R120 (the original screen dropping resistor) with a 15K 10W unit and adding a 25K ww pot to ground. The screen is then fed from the arm on the pot which I mounted on a bracket behind the front panel. Adjusting the pot for 25 - 30 ma driver plate current gives 10-12 ma drive to the 4-400 on all bands.

I modified my Basic as above several years ago when 6000s were very hard to find, and have been using it regularly with the original 25AV5 in place ever since. I note that 6000s are easy to get nowadays, though, and the tubes seem to stand up very well so I wouldn't recommend substitutions (25AV5 or otherwise) at this point.

Glad to finally see some specs on the 6000, BTW. Was this tube used anywhere else besides the T-368???

Dennis D. W7QHO
Glendale, CA

# 729. T-368 tank coil on E-bay

Yahoo group: T-368_BC-610
Date: 2001-02-10 20:27:24 UTC
From: Joe Foley
Topic: 729  Message: 729

Has mounting brackets, too.

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1213554478

_____
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a year! http://personal.mail.yahoo.com/

# 730. BC-610 Registry

Yahoo group: T-368_BC-610
Date: 2001-02-11 19:32:11 UTC
From: n6wig@netscape.net
Topic: 688  Message: 730

BC-610 owners,

Here is what I have thus far for the BC-610 Registry. Anyone who is not on the list and would like to be added please email me.

Include your call, name, model, Manufacturer, order number and serial number

Thanks and 73's

Mike, N6WIG

Call First Name Last Name BC-610 Model Order Number
N1UDI Rev Ronnie Parker BC-610F 10970-PH-48-77
Manufacturer Serial Number
David Bogen Co,Inc. New 119
York,NY

Call First Name Last Name BC-610 Model Order Number
N6WIG Mikhael Brown BC-610E no order num
Manufacturer Serial Number
Hallicrafters 1242

Call First Name Last Name BC-610 Model
N9ZSV/AE Gary Pewitt BC-610I

Call First Name Last Name BC-610 Model
VE7MMH Mike Hardie BC-610E
Manufacturer Serial Number
Hallicrafters 435

Call First Name Last Name BC-610 Model
W1ARS Ron K BC-610#

Call First Name Last Name BC-610 Model
W2HYN Bill Shaw BC-610E

--
/// ? ? ?<N6WIG@...>
? ? ?| ? ? ? Collector of Military and Vintage
? ? /|\ ? ? ?commuications equipment.
? ?N6WIG ? ? ? San Jose

_____
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# 731. Hickok Roll charts on E-bay

Yahoo group: T-368_BC-610
Date: 2001-02-12 00:53:46 UTC
From: Joe Foley
Topic: 731  Message: 731

For tube testers. Do a search for "Roll charts" or
"tube tester".

Joe

_____
Do You Yahoo!?
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a year! http://personal.mail.yahoo.com/

# 732. AN/TRC-83 info

Yahoo group: T-368_BC-610
Date: 2001-02-13 01:34:04 UTC
From: n6wig@netscape.net
Topic: 732  Message: 732

Any one have any information on an AN/TRC-83 transmitter? Mike Heltborg has gotten one and asked me to check around for him. He isn't a member of the group so I am posting this for him.

His email address is: mjnpa@...

Email either him directly or I can forward it to him.

Thanks in advance and 73's

Mike
--
/// ? ? ?<N6WIG@...>
? ? ?| ? ? ? Collector of Military and Vintage
? ? /|\ ? ? ?commuications equipment.
? ?N6WIG ? ? ? San Jose
_____
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# 733. T-368 Registry 2/14/01

Yahoo group: T-368_BC-610
Date: 2001-02-13 11:31:26 UTC
From: W2ZR@aol.com
Topic: 733  Message: 733

W2ZR  w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI  redmenaced@...
Bendix T-368 E #160
contract  3219-PP-59

WF2U  mbendror@...
B&W T-368E #628
contract  15117-PP-62

W8KXR  jtone@...
B&W T-368C  #216
contract  43056-P-55

Bendix T-368C  #209
contract  3219-PP-59

W4WSZ  bobm@...
Stromberg-Carlson T-368D #161

KF2JQ  jprusso@...
(awaiting details)

WB3FAU  wb3fau@hotmail.com
Oneida T-368F  #192
contract  15498-PP-63

KA3OTT  kazott@juno.com
B&W T-368C  #018
contract  43056-P-56

KW1I  Dale.Gagnon@compaq.com
AMF T-368A  #62
contract 25209-PHILA-54

W3NP  daveh@hereintown.net
B&W T-368E  #575
contract 15117-PP-62

KD1YT  tlewis@primmer.com
B&W  T-368E  #27
contract  15117-PP-62
overhauled at Pirmasens Army Depot

KX4R  kx4rgc@...
Crosley  T-368C  #560
contract  21316-PH-56

B&W T-368E  #541
contract  11517-PP-62

WB6DXR  lesterw@...
B&W  T-368  #18
contract  25633-Phila-53

W2HU  reid.j.hagan@...
T-368  #138
(awaiting details)

W7QHO  w7qho@...
B&W  T-368  #129
contract  25633-PHILA-53

Crosley  T-368C  #237
contract  28459-PH-55

K2AUS  w.d.gallagher@...
TRW  T-368F #303
contract  14527(E)

N4FS  n4fs@...
TRW  T-368F  #261
contract  14527(E)

WA1QHQ  mark.donaldson@...
B&W T-368  #32
contract  25070-Phila-54

AE4IN  ae4in@...
Daystrom T-368C  #46
contract  28597-Phil-55

W5BVB  plmills@...
Oneida  T-368F  #19
contract  15498-PP-63

N4KIA  pradams@...
Crosley  T-368C  #275
contract  28459-PH-55

N2BC  n2bc@...
T-368C

K4BVQ  PHollifield@...
Bendix  T-368E  #118
contract  3219-PP-59
overhauled at Pirmasens Army Depot

KF4TP  olaf@...
TRW  T-368F  #190
contract 14527(E)

KE7KK  ke7kk@...t
Stromber-Carlson T-368D  #33

W9QM  r_longworth@...
T-368
(awaiting details)

K9RJ  jandrjor@...
Stromberg-Carlson  T-368D  #55

WA6IUR  fly n ham@...
TRW  T-368F  #2
contract 14527(E)

W4TDC  WA4TDC@...
Crosley  T-368C #364
contract  28459-PH-55

K9XH  jleer@...
TRW  T-368F  #238
contract  14527(E)
overhauled at Pirmasens Army Depot

WA4KCY  sweetbay@...
TRW  T-368F  #358
contract  14527(E)

Tom Leiper (no call yet)  twleiper@...
Ecco Electronic Components T-368F  #76
contract  DAAB05-67-C0022

K0WRX  PLCullum1823@...
B&W  T-368C  #305
contract  43056-P-56

W1ZD  w1nml@...
TRW  T-368F  #64
contract 14527(E)

K8OF  hamalot@...
T-368C
GDP 2/67

WB2FCN  chejmw@...o.edu
Oneida  T-368F  #59
contract  15498-PP-63

WB6ACU WB6ACU@aol.com
B&W T-368C #285
contract 43056-P-56

overhauled at Pirmasens

[Non-text portions of this message have been removed]

# 734. T-368 Tank coil on Ebay,..... and other stuff

Yahoo group: T-368_BC-610
Date: 2001-02-17 00:38:30 UTC
From: Joe Foley
Topic: 734  Message: 734

Just in case anyone needs a spare.

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1213554478

Also, we're up to 79 members on this list.

There is a chatroom available on the home page for the
list as well as file space for whatever the members
need. Maybe we can upload tube specs or pictures of
our rigs.

Now, how do I find out if anyone has problems with the
change over to Yahoo? Hmmm,..... can't really post
that question here.

If you can't read this let me know?

Joe KG2CI

---
Do You Yahoo!?
Get personalized email addresses from Yahoo! Mail - only $35
a year! http://personal.mail.yahoo.com/

# 735. BC-610 Registry

Yahoo group: T-368_BC-610
Date: 2001-02-17 17:51:14 UTC
From: n6wig@netscape.net
Topic: 688  Message: 735

The BC-610 Registry is growing. Any more who would like to add theirs to the list?

BC-610 Registry:

First Name: Mikhael
Last Name: Brown
Call: N6WIG
email: N6WIG@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Hallicrafters
Serial Number: 1242

First Name: Jeff
Last Name: Edmonson
Call: W5OMR
email: w5omr@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Hallicrafters
Serial Number:

First Name: Mike
Last Name: Hardie
Call: VE7MMH
email: hardiem@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Hallicrafters
Serial Number: 435

First Name: Dan
Last Name: Harlan
Call: N8ETQ
email: dharlan@...
BC-610 Model: BC-610E
Order Number: 28934-PHILA-45-07
Manufacturer: Hallicrafters
Serial Number: 656

First Name: Ron
Last Name: Kresge
Call: W1ARS
email: brronk777@...
BC-610 Model: BC-610E
Order Number: 28934-PHILA-45-07

Manufacturer: Hallicrafters
Serial Number: 78

First Name: Rev Ronnie
Last Name: Parker
Call: N1UDI
email: n1udi19@...
BC-610 Model: BC-610F
Order Number: 10970-PH-48-77
Manufacturer: David Bogen Co,Inc. New
Serial Number: 119

First Name: Gary
Last Name: Pewitt
Call: N9ZSV/AE
email: gpewitt@...
BC-610 Model: BC-610I
Order Number:
Manufacturer:
Serial Number:

First Name: Bill
Last Name: Shaw
Call: W2HYN
email: w2hyn@...
BC-610 Model: BC-610E
Order Number:
Manufacturer:
Serial Number:

First Name: Jack
Last Name: Taylor
Call: N7OO
email: n7oo@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Halicrafters
Serial Number: 3223

First Name: Jim
Last Name: Walker
Call: WB2FCN
email: chejmw@...
BC-610 Model: BC-610I
Order Number:
Manufacturer:
Serial Number:

First Name: Jim
Last Name: Walker
Call: WB2FCN
email: chejmw@...

BC-610 Model: BC-610E
Order Number:
Manufacturer:
Serial Number:

--
/// ? ? ?<N6WIG@...>
? ? ?| ? ? ? Collector of Military and Vintage
? ? /|\ ? ? ?commuications equipment.
? ?N6WIG ? ? ? San Jose
_____
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# 736. Heads up! Unused BC-614

Yahoo group: T-368_BC-610
Date: 2001-02-18 20:45:22 UTC
From: Joe Foley
Topic: 736  Message: 736

Its on Ebay, he says its an unused one a BC-614J,
looks like new.

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1215271234

_____
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a year! http://personal.mail.yahoo.com/

# 737. T-368 for registry

Yahoo group: T-368_BC-610
Date: 2001-02-19 18:47:48 UTC
From: n6wig@netscape.net
Topic: 737  Message: 737

Posting this for none member to add to the T-368 registry.

Mike

>"Roy Longworth" <r_longworth@...> wrote:
> >
> > Hi ,
> > I am down in Florida where I have my T-368, the details are;
> > MODEL 368-F
> > Manufacturer:ONEIDA
> > S/N:149
> > O/N 15498-PP-63
> > 73'S Roy W9QM
--
/// ? ? ?<N6WIG@...>
? ? ?| ? ? ? Collector of Military and Vintage
? ? /|\ ? ? ?commuications equipment.
? ?N6WIG ? ? ? San Jose

---

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# 738. Is this thing working?

Yahoo group: T-368_BC-610
Date: 2001-02-20 00:37:34 UTC
From: Joe Foley
Topic: 738  Message: 738

CQCQCQ de KG2CI

Would everyone who gets this message please respond
with a short acknowledgement of same.

How copy? Over....

Thanks,

Joe KG2CI

.-.-.

_____
Do You Yahoo!?
Get personalized email addresses from Yahoo! Mail - only $35
a year! http://personal.mail.yahoo.com/

# 739. Fw: [T-368_BC-610] Is this thing working?

Yahoo group: T-368_BC-610
Date: 2001-02-20 01:01:05 UTC
From: Joel Cumberland
Topic: 739  Message: 739

5 9 here.

Joel
N3EYR

----- Original Message -----
From: Joe Foley <redmenaced@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Monday, February 19, 2001 7:37 PM
Subject: [T-368_BC-610] Is this thing working?

> CQCQCQ de KG2CI
>
> Would everyone who gets this message please respond
> with a short acknowledgement of same.
>
> How copy? Over....
>
> Thanks,
>
> Joe KG2CI
>
> .-.-.
>
>
>
> _____
> Do You Yahoo!?
> Get personalized email addresses from Yahoo! Mail - only $35
> a year! http://personal.mail.yahoo.com/
>
>
>

# 740. KG2IC Website for T-368 Info?

Yahoo group: T-368_BC-610
Date: 2001-02-20 02:01:11 UTC
From: Verne Anderson
Topic: 740  Message: 740

I just noticed that the excellent Website on T-368 info by Bruce is not available. Wonder if anyone has current and future status of probably the best T-368 info anywhere?

Verne
W6LPM

# 741. Re: Fw: [T-368_BC-610] Is this thing working?

Yahoo group: T-368_BC-610
Date: 2001-02-20 02:28:54 UTC
From: W2ZR@aol.com
Topic: 739  Message: 741

ur 59 in S. Florida Old Man

de W2ZR

[Non-text portions of this message have been removed]

# 742. Re: [T-368_BC-610] KG2IC Website for T-368 Info?

Yahoo group: T-368_BC-610
Date: 2001-02-20 02:34:11 UTC
From: W2ZR@aol.com
Topic: 740  Message: 742

<<I just noticed that the excellent Website on T-368 info by Bruce is not available.  Wonder if anyone has current and future status of probably the best T-368 info anywhere?>>

Hi,
I have contacted Bruce about resurrecting that site for him. I'll gladly make it available again as soon as I hear back from Bruce. I printed out the whole thing before Bruce took it off line but it would be much easier if I get it the disc.

73,
Steve W2ZR

[Non-text portions of this message have been removed]

# 743. Re: [T-368_BC-610] Is this thing working?

Yahoo group: T-368_BC-610
Date: 2001-02-20 11:13:30 UTC
From: James M. Walker
Topic: 738  Message: 743

Roger OM,
59 plus 40 over here in Buffalo! Hi Joe.
de Jim WB2FCN Real RADIO in Buffalo
73

# 744. T-368 Registry 2/20/01 (some missing details added)

Yahoo group: T-368_BC-610
Date: 2001-02-20 11:28:12 UTC
From: W2ZR@aol.com
Topic: 744  Message: 744

W2ZR  w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI  redmenaced@...
Bendix T-368 E #160
contract  3219-PP-59

WF2U  mbendror@...
B&W T-368E #628
contract  15117-PP-62

W8KXR  jtone@...
B&W T-368C  #216
contract  43056-P-55

Bendix T-368C  #209
contract  3219-PP-59

W4WSZ  bobm@...
Stromberg-Carlson T-368D #161

KF2JQ  jprusso@...
(awaiting details)

WB3FAU  wb3fau@hotmail.com
Oneida T-368F  #192
contract  15498-PP-63

KA3OTT  kazott@juno.com
B&W T-368C  #018
contract  43056-P-56

KW1I  Dale.Gagnon@compaq.com
AMF T-368A  #62
contract 25209-PHILA-54

W3NP  daveh@hereintown.net
B&W T-368E  #575
contract 15117-PP-62

KD1YT  tlewis@primmer.com
B&W  T-368E  #27
contract  15117-PP-62
overhauled at Pirmasens Army Depot

KX4R  kx4rgc@...
Crosley  T-368C  #560
contract  21316-PH-56

B&W T-368E  #541
contract  11517-PP-62

WB6DXR  lesterw@...
B&W  T-368  #18
contract  25633-Phila-53

W2HU  reid.j.hagan@...
T-368  #138
(awaiting details)

W7QHO  w7qho@...
B&W  T-368  #129
contract  25633-PHILA-53

Crosley  T-368C  #237
contract  28459-PH-55

K2AUS  w.d.gallagher@...
TRW  T-368F #303
contract  14527(E)

N4FS  n4fs@...
TRW  T-368F  #261
contract  14527(E)

WA1QHQ  mark.donaldson@...
B&W T-368  #32
contract  25070-Phila-54

AE4IN  ae4in@...
Daystrom T-368C  #46
contract  28597-Phil-55

W5BVB  plmills@...
Oneida  T-368F  #19
contract  15498-PP-63

N4KIA  pradams@...
Crosley  T-368C  #275
contract  28459-PH-55

N2BC  n2bc@...
T-368C

K4BVQ  PHollifield@...
Bendix  T-368E  #118
contract  3219-PP-59
overhauled at Pirmasens Army Depot

KF4TP  olaf@...
TRW  T-368F  #190
contract 14527(E)

KE7KK  ke7kk@...t
Stromber-Carlson T-368D  #33

W9QM  r_longworth@...
Oneida T-368F #149
contract 15498-PP-63

K9RJ  jandrjor@...
Stromberg-Carlson  T-368D  #55

WA6IUR  fly n ham@...
TRW  T-368F  #2
contract 14527(E)

W4TDC  WA4TDC@...
Crosley  T-368C #364
contract  28459-PH-55

K9XH  jleer@...
TRW  T-368F  #238
contract  14527(E)
overhauled at Pirmasens Army Depot

WA4KCY  sweetbay@compuserve.com
TRW  T-368F  #358
contract  14527(E)

Tom Leiper (no call yet)  twleiper@...
Ecco Electronic Components T-368F  #76
contract  DAAB05-67-C0022

K0WRX  PLCullum1823@...
B&W  T-368C  #305
contract  43056-P-56

W1ZD  w1nml@...
TRW  T-368F  #64
contract 14527(E)

K8OF  hamalot@...
T-368C
GDP 2/67

WB2FCN  chejmw@...
Oneida  T-368F  #59
contract  15498-PP-63

WB6ACU  WB6ACU@...
B&W T-368C  #285
contract  43056-P-56

overhauled at Pirmasens Army Depot

[Non-text portions of this message have been removed]

# 745. Re: [T-368_BC-610] T-368 Tank coil on Ebay,..... and other stuff

Yahoo group: T-368_BC-610
Date: 2001-02-20 14:50:30 UTC
From: tbigelow@pop.state.vt.us
Topic: 734  Message: 745

Loos good here, Joe -

Got a great story for you about Big Iron and good prices. It involves an HT-4....

73, Boomer KA1KAQ

Joe Foley wrote:

> Just in case anyone needs a spare.
>
> http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1213554478
>
> Also, we're up to 79 members on this list.
>
> There is a chatroom available on the home page for the
> list as well as file space for whatever the members
> need. Maybe we can upload tube specs or pictures of
> our rigs.
>
> Now, how do I find out if anyone has problems with the
> change over to Yahoo? Hmmm,..... can't really post
> that question here.
>
> If you can't read this let me know?
>
> Joe KG2CI
>
> _____
> Do You Yahoo!?
> Get personalized email addresses from Yahoo! Mail - only $35
> a year! http://personal.mail.yahoo.com/
>

# 746. RE: [T-368_BC-610] Is this thing working?

Yahoo group: T-368_BC-610
Date: 2001-02-20 15:40:44 UTC
From: Skip Frolik
Topic: 738  Message: 746

Received Message fine Joe here in LA (Lower Alabama) .... Hi.
I'll use this also as a test to see if I can post to the reflector .
All take care .
Skip WB4GMQ/AAV4HC
-----Original Message-----
From: Joe Foley [mailto:redmenaced@...]
Sent: Monday, February 19, 2001 06:38 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] Is this thing working?

CQCQCQ de KG2CI

Would everyone who gets this message please respond
with a short acknowledgement of same.

How copy? Over....

Thanks,

Joe KG2CI

.-.-.

[Non-text portions of this message have been removed]

# 747. Re: [T-368_BC-610] Is this thing working?

Yahoo group: T-368_BC-610
Date: 2001-02-20 21:27:18 UTC
From: tbigelow@pop.state.vt.us
Topic: 738  Message: 747

It's Tuesday now, still working in VT....

Boomer, KA1KAQ

Joe Foley wrote:

> CQCQCQ de KG2CI
>
> Would everyone who gets this message please respond
> with a short acknowledgement of same.
>
> How copy? Over....
>
> Thanks,
>
> Joe KG2CI
>
> .-.-.
>
> _____
> Do You Yahoo!?
> Get personalized email addresses from Yahoo! Mail - only $35
> a year! http://personal.mail.yahoo.com/
>

# 748. Re: [T-368_BC-610] Digest Number 296

Yahoo group: T-368_BC-610
Date: 2001-02-22 02:37:16 UTC
From: HEnmark@aol.com
Topic: 748  Message: 748

Q5 here.

73, Harry

# 749. Vacuum variable caps for the T-3????

Yahoo group: T-368_BC-610
Date: 2001-02-23 05:24:25 UTC
From: Joe Foley
Topic: 749  Message: 749

These almost got missed!!

Are they what I think they are?

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1216112284

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1216113909

_____
Do You Yahoo!?
Yahoo! Auctions - Buy the things you want at great prices! http://auctions.yahoo.com/

# 750. Re: [Tube-Swap] 8873

Yahoo group: T-368_BC-610
Date: 2001-02-26 01:49:06 UTC
From: Joe Foley
Topic: 750  Message: 750

Can anybody help this guy???

Would you post this request around if you know of
anyone who can?

> --- Tom Hix W4TH <w4th@...> wrote:
> > I guess it would help if I had told you which tube
> > we are looking
> > for...hi hi.
> > it is the 8873.
> > ==========
> > I am trying to help a Czech Sea Scout Rescue group
> > obtain a tube for
> > their SB-230 amp. I know these tubes are about
> > impossible to find, but
> > if anyone has one they would part with, or know of
> > anyone else who may
> > have one, I hope you will please let me know. It
> is
> > for a good cause.
> > Thanks for your time and 73.
> > Tom W4TH
> > List Administrator
> >
> > ==========
> > Be sure to visit my web sites.
> > Tom's Tubes, Svetlana Amateur Radio Amp Tubes.
> >
> > http://www.tomstubes.com
> >
> > Ham Radio Homepage.
> > http://www.geocities.com/bamagramps/

---------------------------------------------------
Do You Yahoo!?
Get email at your own domain with Yahoo! Mail.
http://personal.mail.yahoo.com/

# 751. BC-610 osc

Yahoo group: T-368_BC-610
Date: 2001-02-26 03:12:52 UTC
From: Jack Taylor
Topic: 751  Message: 751

Am in the process of restoring an exciter from a BC-610E. Has anyone been able to stabilize the MO circuit in the tuning units? This is a 6V6 VFO Hartley oscillator.

73 de Jack

# 752. It's fantasy time.....

Yahoo group: T-368_BC-610
Date: 2001-03-03 18:00:56 UTC
From: W2ZR@aol.com
Topic: 752  Message: 752

Categories: Broadcast Transmitters No Photo Ad Number: 1998 Date Posted: 02/01/2001 Contact: Charles Wheaton, Kansas Telephone: E-Mail: Reply to Ad (http://www.dealamerica.com/deal/cgi-bin/ads/bcads.cgi?display_reply_form_button=on&results_format=off&db_id=1998&exact_match=on&query=retrieval) Web Site: Description This c.1965 beauty started out at KSD in St. Louis and was bought by KCMO in Kansas City in 1990. KCMO had the unit overhauled and retuned to 810Khz with all transformers replaced with non-PCB to make re-installation EPA legal. Was to have been their back-up transmitter, but the station was sold and the new owner put in a new 50KW model and the RCA became surplus to needs. A Cadillac of AM three cabinet model rated at 5.4KW continuous. Complete with all tubes, Gates control board and Harris limiter. Very good condition. Requires three-phase 220v, as-is. Price unmodified is $5,000. Modified to single-phase and 160m frequency of choice for additional $700. Price includes crating and shipping to your nearest major airport terminal. Trades considered. Serious inquiries may call (785) 396-4554 Charles W0EI [Non-text portions of this message have been removed]

# 753. WTB HCR/SSR-3 Receiver Cabinet.

Yahoo group: T-368_BC-610
Date: 2001-03-04 17:14:45 UTC
From: n6wig@netscape.net
Topic: 753  Message: 753

Wanted cabinet for HCR/SSR-3 receiver. If you have one for sale or trade contact Mike Brown, N6WIG. Phone (408) 578-1076 HM or (650) 485-8155 WK.

Thanks and 73's
Mike, N6WIG
--
? ?/// ? ? ?<N6WIG@...>
? ? | ?Collector of Military and Vintage
? ?/|\ ? ? commuications equipment.
? N6WIG ? ? ? ?San Jose

_____
Get your own FREE, personal Netscape Webmail account today at http://webmail.netscape.com/

# 754. Re: BC610 capacitors

Yahoo group: T-368_BC-610
Date: 2001-03-04 23:35:23 UTC
From: Joe Foley
Topic: 754  Message: 754

Ooooooook, guys,

Here's one for whatever its worth, there are some on
this list who can do the shipping, and some who live
in the same area so shipping isn't that big of a deal.

I believe its all in the UK.

thanks for reading,

Joe

--- Clive Collins <clivecollins@...> wrote:
> Hello Joe,
> Thank you for the mail.
> Yes by all means please post where you think
> appropriate.
>
> The Ceramic one is for disposal and is intended for
> QRP work!! You build the rig inside it!!
>
> All of this gear is ex Rugby Radio station in UK.
> I bought the contents of the last transmitter hall
> and most of it has gone.
> I now have some triangular mast sections for
> disposal from the same station.
> they are 15 inch faces and 12 feet six long in
> Galvanised lattice steel.
> I have quite a few for disposal, 1500 in all making
> a total length of 3.55 miles!!
>
> All up with a base loading coil would be quite an
> antenna!
>
> Kindest regards,
>
> Clive GW3WEQ
>
> On Sun, 04 March 2001, Joe Foley wrote:
>
> >
> > Thanks, Clive,
> >
> > Right now I don't need any vacuum caps, ... I
> hope!
> >

> > I would post them to the list if you want and
> we'll
> > see what happens. Let me know if you want me to
> do
> > that. We're having a tough time finding parts for
> the
> > T-368's here so if you have any or know of any
> please
> > let us know.
> >
> > There was one guy who needed caps to get his T-368
> > going but he has since found some. That vacuum
> cap
> > for $3000 must be some piece of work, almost a
> > monument, can't have anything like that in MY
> humble
> > shack! hehehe
> >
> > 73
> >
> > Joe KG2CI
> >
> >
> >
> > --- Clive Collins <clivecollins@...>
> wrote:
> > > Good evening Joe,
> > > I read the traffic on the BC610 network and
> wonder
> > > if you need vacuum capacitors?
> > > I have four each (at the moment!) Jennings
> > > equivalent by English Electric Valve Co. 500pf
> and
> > > 2000pf.
> > > If these are of use to you or others, lets
> haggle!!
> > > Regards,
> > >
> > > Clive GW3WEQ
> > > Also have brand new 2000pf ceramic vacuum priced
> new
> > > from Jennings at $3000 also for sale at a
> realistic
> > > price.
> > > CC
> >
> >
> > _____
> > Do You Yahoo!?
> > Get email at your own domain with Yahoo! Mail.

> > http://personal.mail.yahoo.com/

---
Do You Yahoo!?
Get email at your own domain with Yahoo! Mail.
http://personal.mail.yahoo.com/

# 755. T-368 Registry 3/6/01

Yahoo group: T-368_BC-610
Date: 2001-03-06 20:17:32 UTC
From: W2ZR@aol.com
Topic: 755  Message: 755

W2ZR  w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI  redmenaced@...
Bendix T-368 E #160
contract  3219-PP-59

WF2U  mbendror@...
B&W T-368E #628
contract  15117-PP-62

W8KXR  jtone@...
B&W T-368C  #216
contract  43056-P-55

Bendix T-368C  #209
contract  3219-PP-59

W4WSZ  bobm@...
Stromberg-Carlson T-368D #161

KF2JQ  jprusso@...
(awaiting details)

WB3FAU  wb3fau@hotmail.com
Oneida T-368F  #192
contract  15498-PP-63

KA3OTT  kazott@juno.com
B&W T-368C  #018
contract  43056-P-56

KW1I  Dale.Gagnon@compaq.com
AMF T-368A  #62
contract 25209-PHILA-54

W3NP  daveh@hereintown.net
B&W T-368E  #575
contract 15117-PP-62

KD1YT  tlewis@primmer.com
B&W  T-368E  #27
contract  15117-PP-62
overhauled at Pirmasens Army Depot

KX4R  kx4rgc@...
Crosley  T-368C  #560
contract  21316-PH-56

B&W T-368E  #541
contract  11517-PP-62

WB6DXR  lesterw@...
B&W  T-368  #18
contract  25633-Phila-53

W2HU  reid.j.hagan@...
T-368  #138
(awaiting details)

W7QHO  w7qho@...
B&W  T-368  #129
contract  25633-PHILA-53

Crosley  T-368C  #237
contract  28459-PH-55

K2AUS  w.d.gallagher@...
TRW  T-368F #303
contract  14527(E)

N4FS  n4fs@...
TRW  T-368F  #261
contract  14527(E)

WA1QHQ  mark.donaldson@...
B&W T-368  #32
contract  25070-Phila-54

AE4IN  ae4in@...
Daystrom T-368C  #46
contract  28597-Phil-55

W5BVB  plmills@...
Oneida  T-368F  #19
contract  15498-PP-63

N4KIA  pradams@...
Crosley  T-368C  #275
contract  28459-PH-55

N2BC  n2bc@...
T-368C

K4BVQ  PHollifield@...
Bendix  T-368E  #118
contract  3219-PP-59
overhauled at Pirmasens Army Depot

KF4TP  olaf@...
TRW  T-368F  #190
contract 14527(E)

KE7KK  ke7kk@...t
Stromber-Carlson T-368D  #33

W9QM  r_longworth@...
Oneida T-368F  #149
contract 15498-PP-63

K9RJ  jandrjor@...
Stromberg-Carlson  T-368D  #55

WA6IUR  fly n ham@...
TRW  T-368F  #2
contract 14527(E)

W4TDC  WA4TDC@...
Crosley  T-368C #364
contract  28459-PH-55

K9XH  jleer@...
TRW  T-368F  #238
contract  14527(E)
overhauled at Pirmasens Army Depot

WA4KCY  sweetbay@...
TRW  T-368F  #358
contract  14527(E)

Tom Leiper (no call yet)  twleiper@...
Ecco Electronic Components T-368F  #76
contract  DAAB05-67-C0022

K0WRX  PLCullum1823@...
B&W  T-368C  #305
contract  43056-P-56

W1ZD  w1nml@...
TRW  T-368F  #64
contract 14527(E)

K8OF  hamalot@...
T-368C
GDP 2/67

WB2FCN  chejmw@...
Oneida  T-368F  #59
contract  15498-PP-63

WB6ACU  WB6ACU@...
B&W T-368C  #285
contract  43056-P-56

overhauled at Pirmasens Army Depot

[Non-text portions of this message have been removed]

# 756. The Mighty T-368 Strikes again!!

Yahoo group: T-368_BC-610
Date: 2001-03-08 05:53:34 UTC
From: Joe Foley
Topic: 756  Message: 756

The Coast to Coast Collins Collectors Association
"First Wednesday Net" allowed me to finally push my
T-3 out to California to talk to N6PY, the West Coast
Net Control.

This is with only a coax fed Inverted "V" at 35'.

I was able to check into the net at every control
station acrossed the country.

Big deal for me, this is my first HF station, only
been on the air for about one year.

This net is the first Wednesday of every month on
3.885(+/-) MHz. It started last month, Collins
equipment isn't required to check in, it has more of
an AM focus.

How many times have you seen a PILE-UP of AM stations?
The control operators were overwhelmed!

It was GOOD!!

Later,

Joe KG2CI

_____
Do You Yahoo!?
Get email at your own domain with Yahoo! Mail.
http://personal.mail.yahoo.com/

# 757. Test, ignore, please

Yahoo group: T-368_BC-610
Date: 2001-03-08 06:33:58 UTC
From: Joe Foley
Topic: 757  Message: 757

Test

_____
Do You Yahoo!?
Get email at your own domain with Yahoo! Mail.
http://personal.mail.yahoo.com/

# 758. New address to post to this list

Yahoo group: T-368_BC-610
Date: 2001-03-08 06:37:16 UTC
From: Joe Foley
Topic: 758  Message: 758

And that would be:

T-368_BC-610@yahoogroups.com

We now have 90 members on this list!

Thanks,

Joe

---
Do You Yahoo!?
Get email at your own domain with Yahoo! Mail.
http://personal.mail.yahoo.com/

# 759. Re: [T-368_BC-610] The Mighty T-368 Strikes again!!

Yahoo group: T-368_BC-610
Date: 2001-03-08 15:01:55 UTC
From: James M. Walker
Topic: 756  Message: 759

Hey Joe,
Good signals by all, I heard you while "VJB" was conducting the East Coast portion, had to go back upstairs after that. Very nice signal from your T-368. Looking good. Also wasn't that the greatest pile-up since ever, I was hearing stations from Texas and the mid west trying to check-in with "VJB" not strong but good and readable. I think the system needs an NCS and also relay stations to make sure all stations at least get acknowledged as having checked in. My final word on the subject "EXCELLENT"
73 Jim
WB2FCN AM/CW

----- Original Message -----
From: Joe Foley <redmenaced@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Thursday, March 08, 2001 12:53 AM
Subject: [T-368_BC-610] The Mighty T-368 Strikes again!!

> The Coast to Coast Collins Collectors Association
> "First Wednesday Net" allowed me to finally push my
> T-3 out to California to talk to N6PY, the West Coast
> Net Control.
>
> This is with only a coax fed Inverted "V" at 35'.
>
> I was able to check into the net at every control
> station acrossed the country.
>
> Big deal for me, this is my first HF station, only
> been on the air for about one year.
>
> This net is the first Wednesday of every month on
> 3.885(+/-) MHz. It started last month, Collins
> equipment isn't required to check in, it has more of
> an AM focus.
>
> How many times have you seen a PILE-UP of AM stations?
> The control operators were overwhelmed!
>
> It was GOOD!!
>
>
> Later,
>
> Joe KG2CI

>
>
>
>
> ---------------------------------------------------
> Do You Yahoo!?
> Get email at your own domain with Yahoo! Mail.
> http://personal.mail.yahoo.com/
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

# 760. T-368 Tuning Cards

Yahoo group: T-368_BC-610
Date: 2001-03-08 17:36:22 UTC
From: Joe Foley
Topic: 760  Message: 760

HI List,

Does anyone have interest in buying a reproduction
set of tuning cards for their T-368. I have a source
who can reproduce these if there's enough interest.

These are the ones that go into the pocket on the side
of the transmitter.

Let me know,

Joe

---
Do You Yahoo!?
Get email at your own domain with Yahoo! Mail.
http://personal.mail.yahoo.com/

# 761. Re: [T-368_BC-610] The Mighty T-368 Strikes again!!

Yahoo group: T-368_BC-610
Date: 2001-03-08 18:13:19 UTC
From: g4gjl@aol.com
Topic: 756  Message: 761

What time does that 3885 AM net kick in?

I can normally hear activity on my AR88D in the house after 2300z. Might go out to the shack now the nights are warmer here and fire up the 390s.

Pete
G4GJL

[Non-text portions of this message have been removed]

# 762. Meissner S.S. - BC-610 M.O. Stability Improvement Tip

Yahoo group: T-368_BC-610
Date: 2001-03-09 02:50:32 UTC
From: N4QNX@aol.com
Topic: 762  Message: 762

I tested a quanity of 6V6GTs in a Meissner Signal Shifter rebuilding project and found that some makes of 6V6s are much better than others in regards to warmup drift, long term drift, quality of note, keying, and isolation of the control grid circuit from loading in the plate circuit from keying in a following stage, etc. Raytheon 6V6s are excellent and give very good results in the BC-610 M.O. as well as in a Meissner Signal Shifter. Late production (Not WWII Surplus) Sylvania 6V6s are also very good oscillators. 6V6GTAs of either manufaturer are good. RCA and late production GE (KenRad) are the worst and should not be used. I used to use a separate exciter with the BC-610 here at N4QNX but now have a Sylvania 6V6 tube in the oscillator stage of the BC-610 exciter with good all around performance for a keyed VFO stage. On the air operation is much better than with the original GE-KenRad tube or with RCA 6V6Ys tried. 73, DeWitt Clay N4QNX Lynchburg, Virginia

[Non-text portions of this message have been removed]

# 763. RE: [T-368_BC-610] T-368 Tuning Cards

Yahoo group: T-368_BC-610
Date: 2001-03-09 03:49:13 UTC
From: Meir Ben-Dror
Topic: 760  Message: 763

I'd definitely like those tuning cards.
Count me in!

73, Meir WF2U

-----Original Message-----
From: Joe Foley [mailto:redmenaced@...]
Sent: Thursday, March 08, 2001 12:36 PM
To: T-368_bc-610@yahoogroups.com
Subject: [T-368_BC-610] T-368 Tuning Cards

HI List,

Does anyone have interest in buying a reproduction
set of tuning cards for their T-368. I have a source
who can reproduce these if there's enough interest.

These are the ones that go into the pocket on the side
of the transmitter.

Let me know,

Joe

---------------------------------------------------
Do You Yahoo!?
Get email at your own domain with Yahoo! Mail.
http://personal.mail.yahoo.com/

Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 764. Clarification: Recommended 6V6 Oscillator Tubes for ECO- M.O. use

Yahoo group: T-368_BC-610
Date: 2001-03-10 02:36:40 UTC
From: N4QNX@aol.com
Topic: 764  Message: 764

The recommended types for use as oscillators in BC-610s, Meissner EX S.S., etc. are 1. Raytheon 6V6GT, 6V6GTA; 2. Sylvania 6V6GT (late production - from 1950s to early 1960s), Sylvania 6V6GTA. Sylvania produced and branded 6V6s for others and these such as Magnavox are good too.Metal types of the various makes tested did not perform as well as the Raytheon and Sylvania 6V6GT versions. 6V6Y and 6V6GTY versions by RCA for RF use gave very poor results in the two S.S. here and in the BC-610-G.
73, DeWitt N4QNX

[Non-text portions of this message have been removed]

# 765. R-390A

Yahoo group: T-368_BC-610
Date: 2001-03-10 02:46:53 UTC
From: Roy Longworth
Topic: 765  Message: 765

I realise this is the group for AM transmitters, but many of the T-368 users also have the R-390A reciever .... my reciever has developed a problem with the signals below 8MHZ, and the signals below 8MHZ come on for about 10-15 seconds and then go dead for about 30 seconds... it seems like a heat problem since as soon as I turn the unit on, the signal stay longer, but as the reciever is left on longer the reciever gradually gets to a stage where the signals never come on below 8 mhz... the signals above 8mhz, work fine all the time.... Any suggestions as to where I start to look to solve the problem? Thanks Roy w9qm
Get your FREE download of MSN Explorer at http://explorer.msn.com
[Non-text portions of this message have been removed]

# 766. BC-610 Registry

Yahoo group: T-368_BC-610
Date: 2001-03-10 03:18:53 UTC
From: n6wig@netscape.net
Topic: 688  Message: 766

Here is the list of BC-610 owners thus far. If anyone would like to be added to the list please email me and I will add you to the list.

73's
Mike, N6WIG

BC-610 Registry:

First Name: Rick
Last Name: Blank
Call: KI5SL
email: rblank@...
BC-610 Model: BC-610I
Order Number: 19624-PHILA-50
Manufacturer: Barker and Williamson, Inc
Serial Number: 79

First Name: Mikhael
Last Name: Brown
Call: N6WIG
email: N6WIG@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Hallicrafters
Serial Number: 1242

First Name: Jeff
Last Name: Edmonson
Call: W5OMR
email: w5omr@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Hallicrafters
Serial Number:

First Name: Mike
Last Name: Hardie
Call: VE7MMH
email: hardiem@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Hallicrafters
Serial Number: 435

First Name: Dan
Last Name: Harlan
Call: N8ETQ

email: dharlan@...
BC-610 Model: BC-610E
Order Number: 28934-PHILA-45-07
Manufacturer: Hallicrafters
Serial Number: 656

First Name: Ron
Last Name: Kresge
Call: W1ARS
email: brronk777@...
BC-610 Model: BC-610E
Order Number: 28934-PHILA-45-07
Manufacturer: Hallicrafters
Serial Number: 78

First Name: Rev Ronnie
Last Name: Parker
Call: N1UDI
email: n1udi19@...
BC-610 Model: BC-610F
Order Number: 10970-PH-48-77
Manufacturer: David Bogen Co,Inc. New
Serial Number: 119

First Name: Gary
Last Name: Pewitt
Call: N9ZSV/AE
email: gpewitt@...
BC-610 Model: BC-610I
Order Number:
Manufacturer:
Serial Number:

First Name: Rolynn
Last Name: Prechtl
Call: K7DFW
email: k7dfw@...
BC-610 Model: BC-610G
Order Number: ' 49
Manufacturer: Hallicrafters
Serial Number: 141

First Name: Rolynn
Last Name: Prechtl
Call: K7DFW
email: k7dfw@...
BC-610 Model: BC-610F
Order Number: ' 48
Manufacturer: Bogen
Serial Number: 325

First Name: Bob
Last Name: Richmond
Call: W8MNQ
email: w8mnq@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Hallicrafters
Serial Number:

First Name: Bill
Last Name: Shaw
Call: W2HYN
email: w2hyn@...
BC-610 Model: BC-610E
Order Number:
Manufacturer:
Serial Number:

First Name: Theodore
Last Name: Stoner III
Call: WR4T
email: wr4t@...
BC-610 Model: BC-610E
Order Number: 28934-Phila-45-07
Manufacturer: Hallicrafters
Serial Number: 322

First Name: Jack
Last Name: Taylor
Call: N7OO
email: n7oo@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Halicrafters
Serial Number: 3223

First Name: Herb
Last Name: Ulrich
Call: K2JVM
email: k2jvm@...
BC-610 Model: BC-610E
Order Number: 18372-Phila-44
Manufacturer: Hallicrafters, Chicago, Ill.
Serial Number: 1211

First Name: Herb
Last Name: Ulrich
Call: K2JVM
email: k2jvm@...
BC-610 Model: BC-610I
Order Number: 3164-Phila-51-01-C
Manufacturer:

Serial Number: 39

First Name: Jim
Last Name: Walker
Call: WB2FCN
email: chejmw@...
BC-610 Model: BC-610I
Order Number:
Manufacturer:
Serial Number:

First Name: Jim
Last Name: Walker
Call: WB2FCN
email: chejmw@...
BC-610 Model: BC-610E
Order Number:
Manufacturer:
Serial Number:

--
? ?/// ? ? ?<N6WIG@...>
? ? | ?Collector of Military and Vintage
? ?/|\ ? ? commuications equipment.
? N6WIG ? ? ? ?San Jose
_____
Get your own FREE, personal Netscape Webmail account today at http://webmail.netscape.com/

# 767. T-368 TROUBLE

Yahoo group: T-368_BC-610
Date: 2001-03-11 01:04:21 UTC
From: Roy Longworth
Topic: 767  Message: 767

I am trying to get my T-368 F back up and running after an 18 month period of inctivity on AM... the unit loads ok into the dummy load, and the audio shows good modulation on the EXCITATION meter.... but the plate current goes down significantly when I modulate,and the power output decreases on modulation ,I tried reversing the plate leads to the 4-125a's but still the same result.... any suggestions as to where to start to get the plate current to the 4-400 to stabilise.
If one of the 4-125's is weak, could this cause this problem?
Thanks Roy W9QM.

[Non-text portions of this message have been removed]

# 768. Re: [T-368_BC-610] T-368 TROUBLE

Yahoo group: T-368_BC-610
Date: 2001-03-11 01:47:08 UTC
From: Joe Foley
Topic: 767  Message: 768

My inexperienced mind would lean more toward a weak
4-400.

But that's just me,

Joe

--- Roy Longworth <r_longworth@...> wrote:
> I am trying to get my T-368 F back up and running
> after an 18 month period of inctivity on AM... the
> unit loads ok into the dummy load, and the audio
> shows good modulation on the EXCITATION meter....
> but the plate current goes down significantly when I
> modulate,and the power output decreases on
> modulation ,I tried reversing the plate leads to the
> 4-125a's but still the same result.... any
> suggestions as to where to start to get the plate
> current to the 4-400 to stabilise.
> If one of the 4-125's is weak, could this cause this
> problem?
> Thanks Roy W9QM.
>
>
> [Non-text portions of this message have been
> removed]
>
>

---------------------------------------------------
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# 769. Re: [MilSurplus] TM reprints for odd sets

Yahoo group: T-368_BC-610
Date: 2001-03-11 01:50:35 UTC
From: Joe Foley
Topic: 769  Message: 769

This guy is a good manual source.

--- "ROBERT W. DOWNS" <RWDowns_WA5CAB@...>
wrote:
> Groups,
>
> I have a large TM collection and sell manuals. When
> I get a request for a
> manual, if I have an extra original I usually offer
> that. If I don't,
> quite often I calculate my standard price for a
> reprint (based only on page
> count and page type) and offer that. However, if
> the manual is large
> and/or has many photos and/or has many foldouts
> and/or has foldouts that I
> will have to have scanned and printed outside, and
> if it is on a radio or
> piece of equipment that falls into the category of
> "no one's likely to ever
> be interested in that again", I usually have to
> apologize and pass. Time
> required to scan and clean up the pages tends to
> increase exponentionally
> with TM size. Over the years, I've done several
> manuals, shipped one copy,
> and never looked at the file again, but I can't
> afford to do that any more.
>
> I currently have one firm request (three different
> people) for each of the
> following manuals that fall into this category. So
> if any of you are
> interested in any of them and just haven't gotten
> around to asking, or
> didn't know whom to ask, let me know. Three or four
> requests for any one
> would just about make it practical to do, I'd make a
> few bucks (which I
> could certainly use right now) and I'm sure that the
> guys who've already
> said that they want them would be quite happy.
>
> TM 11-601. Operation and maintenance of Radio Set
> SCR-808 which consists

> of the BC-923 receiver and BC-924 transmitter,plus
> accessories. This is
> the push button tank radio that was supposed to
> replace the SCR-608.
>
> TM 11-687. Operation and maintenance of Radio Sets
> AN/TRC- 24, 35 & 36
> (T-302 & R-417 plus several RF amplifiers) plus
> several derivative sets.
> Some of the amplifiers have been moderately popular
> over the years with the
> VHF crowd.
>
> AN 16-30APN4-3. Maintenance manual on the AN/APN-4
> aircraft LORAN set.
>
> AN 16-30APS15-3. Maintenance manual on the
> AN/APS-15 aircraft radar set.
> I'm not familiar with it but I think that this was a
> blind bombing radar.
>
> If you reply, please do so off list. Also, if any
> of you have the manuals
> and wish to sell them. let me know and I'll put you
> in touch with those who
> want to buy them.
>
> 73,
> Robert Downs
> <RWDowns_WA5CAB@...>
> Houston
>
> ---
> Submissions milsurplus@...

_____
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# 770. Re: [T-368_BC-610] T-368 TROUBLE

Yahoo group: T-368_BC-610
Date: 2001-03-11 02:19:02 UTC
From: Joe Foley
Topic: 767  Message: 770

--- Jeff/W5OMR <w5omr@...> wrote:
> possibly that, or it sounds more to me like a high
> voltage short in
> the modulation transformer, or in the HV audio
> chain.
+++++++++
You might be right, Jeff.

I like to exclude the easy stuff first.

HV audio chain? Can you think of more details of where
to look in regards to this one?

>
> While I'm at it, I'm looking for a modulation
> transformer for a
> BC-610 E model. It was doing the same thing (severe
> distortion and
> no positive audio) and replaced it with the RCA open
> frame 5500ohms
> 1:1 match transformer and it works GREAT (cept the
> mismatch
> between the final and modulators)
++++++++
The only help I can be there is that one went on E-bay
last year, not too bad on price either. Maybe one
will turn up again.

>
> Anyone have a transformer?
>
> Will the T-368 Mod transformer work as the one does
> for the '610?
++++++++
Why? Do you really think it would be easier to get
one of those??? 8^)

73

Joe

_____
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# 771. T-368 Tank Coil and Vacuum variable capacitor on E-bay

Yahoo group: T-368_BC-610
Date: 2001-03-11 02:57:40 UTC
From: Joe Foley
Topic: 771  Message: 771

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1220851474

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1220341691

---
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http://auctions.yahoo.com/

# 772. Re: [T-368_BC-610] Meissner S.S. - BC-610 M.O. Stability Improvement Tip

Yahoo group: T-368_BC-610
Date: 2001-03-11 03:37:29 UTC
From: Ed Zeranski
Topic: 762  Message: 772

>... I used to use a separate exciter with the
>BC-610 here at N4QNX but now have a Sylvania 6V6 tube in the oscillator stage
>of the BC-610 exciter with good all around performance for a keyed VFO stage.
>On the air operation is much better than with the original GE-KenRad tube or
>with RCA 6V6Ys tried. 73, DeWitt Clay N4QNX Lynchburg, Virginia

You mean the osc is stable enough with the new tube to not need an
xtal or external VFO??

# 773. More 6V6GT, BC-610, & Meissner EX S.S.

Yahoo group: T-368_BC-610
Date: 2001-03-11 04:16:00 UTC
From: N4QNX@aol.com
Topic: 773  Message: 773

Yes, that is right. I have found here that most problems due to drift, poor note, etc. are due to a particular manufacturers poor tube design and not with the circuit itself. KK4AM Duane and I have also found that it is helpful to select tubes for the 6L6 and 807 stages to further stabilize the exciter's performance. We have speculated that tube selection may have been performed at the factory as well in order to get problem free operation of the rig. The set of tubes I have now in the rig works pretty well. Operation of the rig's exciter as I originally received it then convinced me that it was of poor design. Well, to furhter answer your question I used to drive the 807 IPA directly with a Meissner EX S.S. I did this by winding a link coupling coil on the Buffer/Multiplier coil in a spare tuning unit. Some time later the tuning cap for the 807s tank shorted out. You may have noticed that the 807 tank, which is identical to that of the 6L6 stage, runs rather hot. After that cap shorted out and not having a replacement readily at hand, I got the idea to try one of the selected 6V6GTs in the BC-610s M.O. stage with another tuning unit. The performance was pretty good especially for a power oscillator circuit of 1940 vintage. 73, DeWitt

[Non-text portions of this message have been removed]

# 774. Re: [T-368_BC-610] Meissner S.S. - BC-610 M.O. Stability Improvement Tip

Yahoo group: T-368_BC-610
Date: 2001-03-11 04:21:15 UTC
From: brronk777@aol.com
Topic: 762  Message: 774

Nah,

He means he can now use them infernal Tuning units that fit in the upper right hand side of the BC-610.

Crystals should be rock solid, and the Meisner Signal Drifter. Well, it's best if we don't go there.

You mean yours doesn't drift? Geez, I musta got took!

73, Ron K -- W1ARS

# 775. Re: [T-368_BC-610] More 6V6GT, BC-610, & Meissner EX S.S.

Yahoo group: T-368_BC-610
Date: 2001-03-11 05:45:14 UTC
From: Ed Zeranski
Topic: 773  Message: 775

At 11:16 PM 3/10/01 -0500, N4QNX@... wrote:
>Yes, that is right. I have found here that most problems due to drift, poor
>note, etc. are due to a particular manufacturers poor tube design and not
>with the circuit itself.

I'm new to the 610, just hauled one home last weekend. The build up will
take some time but now have a new thing to test...osc drift w/different
makes of tubes. Geeze! The freq counter is gonna be freakin' busy!

# 776. Re: [T-368_BC-610] Meissner S.S. - BC-610 M.O. Stability Improvement Tip

Yahoo group: T-368_BC-610
Date: 2001-03-11 05:51:53 UTC
From: Ed Zeranski
Topic: 762  Message: 776

At 11:21 PM 3/10/01 -0500, BrRonK777@... wrote:
>Nah,
>
>
>Crystals should be rock solid, and the Meisner Signal Drifter. Well, it's
>best if we don't go there.
>
>You mean yours doesn't drift? Geez, I musta got took!
>
>73, Ron K -- W1ARS
The 610 I dragged home last weekend, unloaded it by myself too, has a plug for the xtal socket that was made for a TTY/FSK adapter. Seems a BoatAnchor VFO should work OK into that socket. I rebuilt an EICO 722 that is stable after abt 60 mins warm up..will try it.

# 777. Re: [T-368_BC-610] More 6V6GT, BC-610, & Meissner EX S.S.

Yahoo group: T-368_BC-610
Date: 2001-03-11 16:04:46 UTC
From: Jack Taylor
Topic: 773  Message: 777

DeWitt, that's especially interesting news for me as am in the process of restoring a BC-610 exciter. Am looking forward to powering it up!

One of the locals who was an NCOIC of a post WWII transmitter site, said he used BC-221's on his '610's because of the MO instability plus time delays in getting xtals for the units.

I subsequently picked up a BC-221, but it too drifts! Maybe we'll look into tube substitution for it :-)

73 de Jack

----- Original Message -----
From: <N4QNX@...>
To: <ezeran@...>
Cc: <T-368_BC-610@yahoogroups.com>
Sent: Saturday, March 10, 2001 9:16 PM
Subject: [T-368_BC-610] More 6V6GT, BC-610, & Meissner EX S.S.

> Yes, that is right. I have found here that most problems due to drift, poor
> note, etc. are due to a particular manufacturers poor tube design and not
> with the circuit itself. KK4AM Duane and I have also found that it is helpful
> to select tubes for the 6L6 and 807 stages to further stabilize the exciter's
> performance. We have speculated that tube selection may have been performed
> at the factory as well in order to get problem free operation of the rig. The
> set of tubes I have now in the rig works pretty well. Operation of the rig's
> exciter as I originally received it then convinced me that it was of poor
> design. Well, to furhter answer your question I used to drive the 807 IPA
> directly with a Meissner EX S.S. I did this by winding a link coupling coil
> on the Buffer/Multiplier coil in a spare tuning unit. Some time later the
> tuning cap for the 807s tank shorted out. You may have noticed that the 807
> tank, which is identical to that of the 6L6 stage, runs rather hot. After
> that cap shorted out and not having a replacement readily at hand, I got the
> idea to try one of the selected 6V6GTs in the BC-610s M.O. stage with another
> tuning unit. The performance was pretty good especially for a power
> oscillator circuit of 1940 vintage. 73, DeWitt

>
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
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>
>
>

# 778. manual for BC-610 DONT ANSWER ME. ANSWER BILL

Yahoo group: T-368_BC-610
Date: 2001-03-11 23:39:51 UTC
From: W2ZR@aol.com
Topic: 778  Message: 778

Subj: FS: Manual for BC-610-E
Date: 3/11/2001 6:38:43 PM Eastern Standard Time
From:  billrobb@... (Bill Robbins)
Sender:  owner-baswaplist@...
To:  baswaplist@...

I have this manual excess to my needs but have no idea what it is
worth.  Offers or help, please!!!

Thanks

Bill

[Non-text portions of this message have been removed]

# 779. Meissner Pre-War & Post-War VFO Exciters

Yahoo group: T-368_BC-610
Date: 2001-03-12 04:27:04 UTC
From: N4QNX@aol.com
Topic: 779  Message: 779

I've rebuilt a couple of EX model Signal Shifters. The first one came with a TungSol Metal 6V6 and it turned out to be a good oscillator so I got a good impression of the Post-War S.S. That S.S. is now used in W3NCC's station. The second unit had been highly modified and moderized by W2GHK (Silent Key). I was lucky enough to round up all the original parts to put it back to together with. Well, it turned out pretty good and this is the unit used to examine various makes of 6V6s. Meissner would have helped themselves and the ham community by selecting tubes at the factory like Tektronix's did for their oscilloscopes. It is very easy to set the frequency with an EX model and is a great improvement over using the eraser end of a pencil to vernier adjust the MO control in a BC-610 tuning unit. I wouldn't try to claim that the performance of this equipment is as good as say an ART-13 or T-368 Collins PTO but is pretty good for ham gear of the period. 73, DeWitt

[Non-text portions of this message have been removed]

# 780. T-368 FOR SALE!!!

Yahoo group: T-368_BC-610
Date: 2001-03-12 22:34:20 UTC
From: Joe Foley
Topic: 780  Message: 780

On Ebay!!

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1221541426

Go Get 'em!!

_____
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# 781. Re: [T-368_BC-610] T-368 Tank Coil and Vacuum variable capacitor on E-bay

Yahoo group: T-368_BC-610
Date: 2001-03-12 22:38:24 UTC
From: Tom Nicholson
Topic: 771  Message: 781

Joe,

What to heck is that vacuum variable worth anyway?? It's already
up to $100.00 and has several days left!

Tom Nicholson

Joe Foley wrote:

> http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1220851474
>
> http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1220341691
>
> _____
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> http://auctions.yahoo.com/
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

[Non-text portions of this message have been removed]

# 782. Re: [T-368_BC-610] T-368 Tank Coil and Vacuum variable capacitor on E-bay

Yahoo group: T-368_BC-610
Date: 2001-03-12 22:55:48 UTC
From: W2ZR@aol.com
Topic: 771  Message: 782

<<What to heck is that vacuum variable worth anyway?? It's already up to $100.00 and has several days left!>>

The smaller one is $809 new from Jennings. No guess on the bigger one but let's say it's probably more. I figured it would sell for $100 but it will probably bring more. If you have one for a spare, you can pretty much guarantee you'll never need it. You know how it goes.

73,
Steve W2ZR

[Non-text portions of this message have been removed]

# 783. Re: [T-368_BC-610] T-368 Tank Coil and Vacuum variable capacitor on E-bay

Yahoo group: T-368_BC-610
Date: 2001-03-12 23:38:52 UTC
From: tbigelow@pop.state.vt.us
Topic: 771  Message: 783

The big vacuum variable in my RF deck is broken, so I need one. Just not that badly. ;)

Maybe if I had the rest of the transmitter I'd be more willing to pay a lot.

73, Boomer KA1KAQ

W2ZR@... wrote:

> <<What to heck is that vacuum variable worth anyway?? It's already
> up to $100.00 and has several days left!>>
>
> The smaller one is $809 new from Jennings. No guess on the bigger one but
> let's say it's probably more. I figured it would sell for $100 but it will
> probably bring more. If you have one for a spare, you can pretty much
> guarantee you'll never need it. You know how it goes.
>
> 73,
> Steve W2ZR

# 784. Where's the pictures???

Yahoo group: T-368_BC-610
Date: 2001-03-12 23:56:55 UTC
From: Joe Foley
Topic: 784  Message: 784

HEY!!

Can we have some pictures of the T-3 that's on
E-bay?????

Joe

_____
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# 785. Re: [T-368_BC-610] T-368 Tank Coil and Vacuum variable capacitor on E-bay

Yahoo group: T-368_BC-610
Date: 2001-03-12 23:57:34 UTC
From: plmills@attglobal.net
Topic: 785  Message: 785

Tom,

Well, probably $175 or so. I paid $200 for an NOS one to
fit my T-368...they can be hard to find and they are sought
after by people building big amps. There is one fairly
frequent buyer on eBay for vac variables....you'll see
his ID come up often. BTW, I'm glad I spent the money
for mine even though it is new and doesn't look quite
original since it has some blue paint on it....the good
news is that it has a 1/4" shaft :-)

73, Phil
W5BVB

Tom Nicholson wrote:
>
> Joe,
>
> What to heck is that vacuum variable worth anyway?? It's already
> up to $100.00 and has several days left!
>
> Tom Nicholson
>
> Joe Foley wrote:
>
> > http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1220851474
> >
> > http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1220341691
> >
> > _____
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# 786. BC-610 Crystals on E-bay

Yahoo group: T-368_BC-610
Date: 2001-03-13 00:11:52 UTC
From: Joe Foley
Topic: 786  Message: 786

All the same freq, 3.995

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1221560649

_____
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http://auctions.yahoo.com/

# 787. Re: [T-368_BC-610] T-368 Tank Coil and Vacuum variable capacitor on E-bay

Yahoo group: T-368_BC-610
Date: 2001-03-13 15:47:47 UTC
From: Doug Wherry
Topic: 771  Message: 787

Your going to pay on the average $150.00 bucks for most used vac caps.73s
DOUG
----- Original Message -----
From: <tbigelow@...>
To: <W2ZR@...>
Cc: <gunsrus@...>; <redmenaced@...>;
<t-368_bc-610@yahoogroups.com>
Sent: Monday, March 12, 2001 3:38 PM
Subject: Re: [T-368_BC-610] T-368 Tank Coil and Vacuum variable capacitor on
E-bay

> The big vacuum variable in my RF deck is broken, so I need one. Just not
that
> badly. ;)
>
> Maybe if I had the rest of the transmitter I'd be more willing to pay a
lot.
>
> 73, Boomer KA1KAQ
>
> W2ZR@... wrote:
>
> > <<What to heck is that vacuum variable worth anyway?? It's already
> > up to $100.00 and has several days left!>>
> >
> > The smaller one is $809 new from Jennings. No guess on the bigger one
but
> > let's say it's probably more. I figured it would sell for $100 but it
will
> > probably bring more. If you have one for a spare, you can pretty much
> > guarantee you'll never need it. You know how it goes.
> >
> > 73,
> > Steve W2ZR
>
>
>
>
>
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>
>

# 788. RE: [T-368_BC-610] Vacuum variable capacitors

Yahoo group: T-368_BC-610
Date: 2001-03-13 12:35:17 UTC
From: Trevor Lewis
Topic: 788  Message: 788

dumb question: other than damage from physical trauma (which mine seem to have escaped so far, and I hope to keep it that way), do the vac. variable caps ever fail?

[Non-text portions of this message have been removed]

# 790. Re: [T-368_BC-610] T-368 Tank Coil and Vacuum variable capacitor on E-bay

Yahoo group: T-368_BC-610
Date: 2001-03-13 14:45:32 UTC
From: James M. Walker
Topic: 771  Message: 790

Well Guys,
Theres a place in California, Davilyn Electronics, that still sells them for $650-$950, and thats used/checked. The price of vacuum variables seems to be closely connected to the Gold market Hi.
Seriously, if you get one used in the T-368 tune/load expect to pay around 300-500 depending on who is selling it.

Jim WB2FCN
AM/CW

----- Original Message -----
From: Doug Wherry <hamalot@...>
To: <tbigelow@...>; <W2ZR@...>
Cc: <gunsrus@...>; <redmenaced@...>; <t-368_bc-610@yahoogroups.com>
Sent: Tuesday, March 13, 2001 10:47 AM
Subject: Re: [T-368_BC-610] T-368 Tank Coil and Vacuum variable capacitor on E-bay

> Your going to pay on the average $150.00 bucks for most used vac caps.73s
> DOUG
> ----- Original Message -----
> From: <tbigelow@...>
> To: <W2ZR@...>
> Cc: <gunsrus@...>; <redmenaced@...>;
> <t-368_bc-610@yahoogroups.com>
> Sent: Monday, March 12, 2001 3:38 PM
> Subject: Re: [T-368_BC-610] T-368 Tank Coil and Vacuum variable capacitor on
> E-bay
>
>
> > The big vacuum variable in my RF deck is broken, so I need one. Just not
> that
> > badly. ;)
> >
> > Maybe if I had the rest of the transmitter I'd be more willing to pay a
> lot.
> >
> > 73, Boomer KA1KAQ
> >
> > W2ZR@... wrote:
> >
> > > <<What to heck is that vacuum variable worth anyway?? It's already

> > > up to $100.00 and has several days left!>>
> > >
> > > The smaller one is $809 new from Jennings. No guess on the bigger one
> but
> > > let's say it's probably more. I figured it would sell for $100 but
it
> will
> > > probably bring more. If you have one for a spare, you can pretty much
> > > guarantee you'll never need it. You know how it goes.
> > >
> > > 73,
> > > Steve W2ZR
> >
> >
> >
> >
> >
> > Your use of Yahoo! Groups is subject to
http://docs.yahoo.com/info/terms/
> >
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>

# 791. Re: [T-368_BC-610] Vacuum variable capacitors

Yahoo group: T-368_BC-610
Date: 2001-03-13 14:53:24 UTC
From: James M. Walker
Topic: 788  Message: 791

Trevor,
I've been in the Radio/TV transmitter business a long while, since the
1960s. I only seen 1 of the glass type flash over internally. Saw several
glass type get the pinch tube end broken off,( which can be repaired) and
saw 1 that's 1 ceramic type literally explode through
the side wall of a Continental 50KW HF rig and embedded itself
into a cinder-block wall. Not a bad record for 40+ years.

Some one mentioned they had one that was broken, Take it to
a college or university glass shop the person there can probably
put the thing back to vacuum state and put a new pinch tube on it.
Jim WB2FCN
Real Radio in Buffalo (AM/CW)

----- Original Message -----
From: Trevor Lewis <tlewis@...>
To: <W2ZR@...>; <redmenaced@...>
Cc: <t-368_bc-610@yahoogroups.com>
Sent: Tuesday, March 13, 2001 7:35 AM
Subject: RE: [T-368_BC-610] Vacuum variable capacitors

> dumb question: other than damage from physical trauma (which mine seem to
> have escaped so far, and I hope to keep it that way), do the vac. variable
> caps ever fail?
>
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

# 792. WTD Manual for Model SR-610M coupler

Yahoo group: T-368_BC-610
Date: 2001-03-13 17:03:25 UTC
From: James M. Walker
Topic: 792  Message: 792

Hello,
Fellow listers. I am trying to locate the manual for the Scientific Radio Systems Antenna coupler Model SR-610M. Even a readable schematic would be of immense help. Thanks and 73
Jim WB2FCN
REAL RADIO in BUFFALO

# 793. Re: Unable to deliver your message

Yahoo group: T-368_BC-610
Date: 2001-03-14 02:35:39 UTC
From: Joe Foley
Topic: 793  Message: 793

> Does anyone have a manual for the control box for
> the
> T-368?
>
> This one is C-1123/GRC
>
> I also have the small box; C-1474
>
> I'd like to know What all they did and how they did
> it.
>
> The only problem is the they've both been heavily
> MWO'd.
>
> Thanks,
>
> Joe

---
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# 794. RE: [T-368_BC-610] Vacuum variable capacitors

Yahoo group: T-368_BC-610
Date: 2001-03-14 03:56:42 UTC
From: Joe Foley
Topic: 788  Message: 794

Well,

Seeing as how most of these units are at least 30
years old and some are much older.

And considering as how carefully the military handled
them and how much care and consideration the DRMS has
when surplussing them.

I'd have to say that they're virtually industructable,
and have a life exceeding that of most operators.

Just considering the practical aspect of it.

How 'bout that?

Joe

--- Trevor Lewis <tlewis@...> wrote:
> dumb question: other than damage from physical
> trauma (which mine seem to
> have escaped so far, and I hope to keep it that
> way), do the vac. variable
> caps ever fail?
>
>
> [Non-text portions of this message have been
> removed]
>
>

_____
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# 795. Pictures are up!!

Yahoo group: T-368_BC-610
Date: 2001-03-14 04:24:06 UTC
From: redmenaced@yahoo.com
Topic: 795  Message: 795

There are pictures available now for the T-368 on E-bay.

They even work!!!

Would like to see more though.

The unit looks ok, but better bring a mop and a bucket, its dirty!

Not to worry though, mine looked much worse! Mine was ooOOOooogly!

Its nice, now.

Paint,.....needs paint.

Joe

# 796. Re: [R-390] Survivors??

Yahoo group: T-368_BC-610
Date: 2001-03-14 04:46:46 UTC
From: Joe Foley
Topic: 796  Message: 796

--- W2ZR@... wrote:
> Good questions Joe. I'm wondering what happened to
> all the T-368's period.
> I'm not sure how many they made but it must have
> been a few thousand, judging
> by the serial numbers. Where'd they go?
++++++++++++
The last time I went to the DRMS sale at Seneca Army Depot in Romulus, NY there were about 20, maybe more, sitting outside. The guy running the DRMS yard said they wouldn't be going up for auction at all!

No idea where they were going. The office had Bill Clinton's picture hanging upside down and NO respect for Al Gore at all. You see, Al Gore was trying to get rid of all of those people, he wanted ALL surplus sold through Levy-Latham, who just happened to be friends of his.

Remember these two birds were the ones who were cutting up ALL of the old rifles in the armories!

Good point
> about the durability of
> the vacuum variables.

You just have to be careful
> what you set the rf deck
> down on when you pull it out.
++++++++++
Good one, hadn't thought about that one.

I see you're not supposed to let it twist either, which isn't easy when working alone.

_____
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# 797. RE: [T-368_BC-610] Re: [R-390] Survivors??

Yahoo group: T-368_BC-610
Date: 2001-03-14 14:41:29 UTC
From: Trevor Lewis
Topic: 796  Message: 797

what a waste-- sounds like the guvmn't is doing to the T-3s what they did to
the R390s
at St.Julien's creek. Someone should start a rescue campaign.

I looked at the Levylatham website recently and note that they are now
listing/ searching by NSN numbers. Anybody got the NSN numbers for the T-3s
and associated equip?

-----Original Message-----
From: Joe Foley [mailto:redmenaced@...]
Sent: Tuesday, March 13, 2001 11:47 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] Re: [R-390] Survivors??

--- W2ZR@... wrote:
> Good questions Joe. I'm wondering what happened to
> all the T-368's period.
> I'm not sure how many they made but it must have
> been a few thousand, judging
> by the serial numbers. Where'd they go?
++++++++++++
The last time I went to the DRMS sale at Seneca Army
Depot in Romulus, NY there were about 20, maybe more,
sitting outside. The guy running the DRMS yard said
they wouldn't be going up for auction at all!

No idea where they were going. The office had Bill
Clinton's picture hanging upside down and NO respect
for Al Gore at all. You see, Al Gore was trying to
get rid of all of those people, he wanted ALL surplus
sold through Levy-Latham, who just happened to be
friends of his.

Remember these two birds were the ones who were
cutting up ALL of the old rifles in the armories!

Good point
> about the durability of
> the vacuum variables.

You just have to be careful
> what you set the rf deck
> down on when you pull it out.
++++++++++
Good one, hadn't thought about that one.

I see you're not supposed to let it twist either,
which isn't easy when working alone.

_____
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[Non-text portions of this message have been removed]

# 798. Re: [T-368_BC-610] T-368 Tank Coil and Vacuum variable capacitor on E-bay

Yahoo group: T-368_BC-610
Date: 2001-03-14 20:21:49 UTC
From: tbigelow@pop.state.vt.us
Topic: 771  Message: 798

Not me. Honest. ;)

Boomer, KA1KAQ

Doug Wherry wrote:

> Your going to pay on the average $150.00 bucks for most used vac caps.73s
> DOUG

# 799. new T-368 owner

Yahoo group: T-368_BC-610
Date: 2001-03-15 00:28:47 UTC
From: Joe Munson
Topic: 799  Message: 799

Group,

I am now the proud owner of a T-368 manufactured by Crosley Radio, which used to be located here in Cincinnati. . Any hints or kinks I should know about before lighting if off for the first time? Any thing in particular I should look for in parts that have a problem developing over years of use and sitting around. Or there any that tend to have a high failure rate? I have a couple of operators manual's, but no tech manual. Appears to be pretty straight forward AM/CW xmiter. I have two audio amp decks....one appears to have many new caps, etc and the other appears to be orginal.

I also have the matching BC969 Ant Tuner, two R390A recievers, and Sideband Converter, ME 165 Power Meter, and some other related heavy metal from some kind setup.

So Far, have applied fil voltage, and tubes lite. I have not put the HV to it yet, thought I better check with this group. Friend of mine sent me the site...I had no idea it existed. Thanks in advance for any advice.

Joe,

WA4VAG.

[Non-text portions of this message have been removed]

# 800. Re: [T-368_BC-610] new T-368 owner

Yahoo group: T-368_BC-610
Date: 2001-03-15 01:56:51 UTC
From: Joe Foley
Topic: 799  Message: 800

http://home.att.net/~r391/www_ott/t368.htm

Here's the place to start, Joe!

The interlocks will be the most failure prone item
that needs to be checked first.

Mine ALL needed attention. Check for burned wires,
poor alignment, bent decks, squashed springs, burn
marks on the contact surfaces. These will be reliable
if taken care of.

Next is to clean, then clean, then clean some more.
All of the HV ceramics should be cleaned to remove any
oily stuff that will conduct.

Check all the spark gaps on the HV components, set
them according to the book. Check the HV wire on the
power supply deck for cracks or dried out insulation,
especially where it goes through the holes in the
deck. Big problem there, the older decks ran both
wires through one hole, the newer ones used separate
holes for each wire. Arc overs in these holes are
tough to find!

Clean the plate coil to remove anything that will
conduct, spiders, dust, etc.

Check all of the HV wire for bad or pinched
insulation.

Check the wiring harness where it runs behind the deck
bolts for pinched places.

Check the antenna relay for corroded connections, my
decks were ok, but I think my cabinet got into some
salt water somewhere as all of the antenna relay
connections were corroded like they'd been on New York
highways in the winter.

Oh, ... check the HV wiring and insulators to see that
they're clean and in good shape,..... did I mention
that yet?

Check the pick up shoe on the RF deck for a good
contact and alignment.

Check the BNC connectors on the speech amp for solid ground, check all of the audio line for good grounds on the stuff that is supposed to be grounded. This is where ultra-sonic modulation starts, not good.

Install a new three wire, 10 gauge power cord and make sure its grounded well inside the transmitter. I removed the plug on the back and put a 1 1/4" X 3/4" Plumbing reducer in the hole held in with a 1 1/4" electrical lock nut. Inside that I put a Kellem-type strain relief connector sized for the 10/3 cord.

This should be connected to a 30 Amp 120 volt circuit. Well grounded, of course.

And then if you get that far, check the HV insulators for cracks and to see that they are clean, also pay special attention to the insulation on the HV in the power supply deck.

Check the cabling in the RF deck to be sure its not in the FSK mode, you'll need the manual for that.

Check the fuse size in the power supply deck.

Put new bearings in the fan motors.

Check the condition of the Filament Voltage pot, this gets very hot, mine had a Chernobyl spot on it.

I had one relay that had one set of contacts welded shut, so you may want to check the function of all of them before you put power to it.

Not a bad idea to go through the manual and do the resistance checks at every tube socket and plug. This will give you a "baseline" for later troubleshooting, you'll know what it did when you got it, before the trouble showed up. This may also show problems if there are any.

Joe's rule: If you turn it on and it works the first time, ..... you didn't learn anything.

--- Joe Munson <prc74b@...> wrote:
> Group,
>
> I am now the proud owner of a T-368 manufactured by
> Crosley Radio, which used to be located here in
> Cincinnati. . Any hints or kinks I should know
> about before lighting if off for the first time?
> Any thing in particular I should look for in parts
> that have a problem developing over years of use and
> sitting around. Or there any that tend to have a

> high failure rate? I have a couple of operators
> manual's, but no tech manual. Appears to be pretty
> straight forward AM/CW xmiter. I have two audio amp
> decks....one appears to have many new caps, etc and
> the other appears to be orginal.
>
> I also have the matching BC969 Ant Tuner, two R390A
> recievers, and Sideband Converter, ME 165 Power
> Meter, and some other related heavy metal from some
> kind setup.
>
> So Far, have applied fil voltage, and tubes lite.
> I have not put the HV to it yet, thought I better
> check with this group. Friend of mine sent me the
> site...I had no idea it existed. Thanks in advance
> for any advice.
>
> Joe,
>
> WA4VAG.
>
>
> [Non-text portions of this message have been
> removed]
>
>

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# 801. BC-610 Coil???

Yahoo group: T-368_BC-610
Date: 2001-03-15 23:54:51 UTC
From: Joe Foley
Topic: 801  Message: 801

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1221042961

_____
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http://personal.mail.yahoo.com/

# 802. Re: [T-368_BC-610] new T-368 owner

Yahoo group: T-368_BC-610
Date: 2001-03-16 14:33:26 UTC
From: Gene Beckwith
Topic: 799  Message: 802

Hi Joe,

Excellent listing of check points...

I have a question about the fillament pot the runs hot...has anyone discussed ways to improve that situation, other than keep an eye on that compnent. Wonder if there is a better way to do it rather than the mostly brute force way...Mine does get hot too, and tends to heat the front panel after a couple of hours of on time...

73,

Gene

Joe Foley wrote:

> http://home.att.net/~r391/www_ott/t368.htm
>
> Here's the place to start, Joe!
>
> The interlocks will be the most failure prone item
> that needs to be checked first.
>
> Mine ALL needed attention. Check for burned wires,
> poor alignment, bent decks, squashed springs, burn
> marks on the contact surfaces. These will be reliable
> if taken care of.
>
> Next is to clean, then clean, then clean some more.
> All of the HV ceramics should be cleaned to remove any
> oily stuff that will conduct.
>
> Check all the spark gaps on the HV components, set
> them according to the book. Check the HV wire on the
> power supply deck for cracks or dried out insulation,
> especially where it goes through the holes in the
> deck. Big problem there, the older decks ran both
> wires through one hole, the newer ones used separate
> holes for each wire. Arc overs in these holes are
> tough to find!
>
> Clean the plate coil to remove anything that will
> conduct, spiders, dust, etc.
>
> Check all of the HV wire for bad or pinched
> insulation.

>
> Check the wiring harness where it runs behind the deck
> bolts for pinched places.
>
> Check the antenna relay for corroded connections, my
> decks were ok, but I think my cabinet got into some
> salt water somewhere as all of the antenna relay
> connections were corroded like they'd been on New York
> highways in the winter.
>
> Oh, ... check the HV wiring and insulators to see that
> they're clean and in good shape,..... did I mention
> that yet?
>
> Check the pick up shoe on the RF deck for a good
> contact and alignment.
>
> Check the BNC connectors on the speech amp for solid
> ground, check all of the audio line for good grounds
> on the stuff that is supposed to be grounded. This is
> where ultra-sonic modulation starts, not good.
>
> Install a new three wire, 10 gauge power cord and make
> sure its grounded well inside the transmitter. I
> removed the plug on the back and put a 1 1/4" X 3/4"
> Plumbing reducer in the hole held in with a 1 1/4"
> electrical lock nut. Inside that I put a Kellem-type
> strain relief connector sized for the 10/3 cord.
>
> This should be connected to a 30 Amp 120 volt circuit.
> Well grounded, of course.
>
> And then if you get that far, check the HV insulators
> for cracks and to see that they are clean, also pay
> special attention to the insulation on the HV in the
> power supply deck.
>
> Check the cabling in the RF deck to be sure its not in
> the FSK mode, you'll need the manual for that.
>
> Check the fuse size in the power supply deck.
>
> Put new bearings in the fan motors.
>
> Check the condition of the Filament Voltage pot, this
> gets very hot, mine had a Chernobyl spot on it.
>
> I had one relay that had one set of contacts welded
> shut, so you may want to check the function of all of
> them before you put power to it.

>
> Not a bad idea to go through the manual and do the
> resistance checks at every tube socket and plug. This
> will give you a "baseline" for later troubleshooting,
> you'll know what it did when you got it, before the
> trouble showed up. This may also show problems if
> there are any.
>
> Joe's rule: If you turn it on and it works the first
> time, ..... you didn't learn anything.
>
> --- Joe Munson <prc74b@...> wrote:
> > Group,
> >
> > I am now the proud owner of a T-368 manufactured by
> > Crosley Radio, which used to be located here in
> > Cincinnati. . Any hints or kinks I should know
> > about before lighting if off for the first time?
> > Any thing in particular I should look for in parts
> > that have a problem developing over years of use and
> > sitting around. Or there any that tend to have a
> > high failure rate? I have a couple of operators
> > manual's, but no tech manual. Appears to be pretty
> > straight forward AM/CW xmiter. I have two audio amp
> > decks....one appears to have many new caps, etc and
> > the other appears to be orginal.
> >
> > I also have the matching BC969 Ant Tuner, two R390A
> > recievers, and Sideband Converter, ME 165 Power
> > Meter, and some other related heavy metal from some
> > kind setup.
> >
> > So Far, have applied fil voltage, and tubes lite.
> > I have not put the HV to it yet, thought I better
> > check with this group. Friend of mine sent me the
> > site...I had no idea it existed. Thanks in advance
> > for any advice.
> >
> > Joe,
> >
> > WA4VAG.
> >
> >
> > [Non-text portions of this message have been
> > removed]
> >
> >
>
> _____
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# 803. (no subject)

Yahoo group: T-368_BC-610
Date: 2001-03-16 14:39:13 UTC
From: Trevor Lewis
Topic: 803  Message: 803

I remember seeing a thouroughly mod-ed T-3 up for sale on the 'net where the person mentioned and showed pictures of how they'd replaced the filament pot with one of those very small 2.25 amp variacs that isn't that much larger than a big wirewound pot. I think they'd made a small bracket to do it, but it did not look complex. The variac would also give greater range of adjustment for situations (seemingly common these days) where line voltages run above the range these older units were designed for.

Unless there's a down side I'm not thinking of... I am thinking of doing this with my T-3 as the pot has some crunchy spots and I've got one of those small variacs in my junk box. Given the rest of the "spare no expense" engineering in the T-3, I can't figure out why B&W didn't do this in the first place; the pot approach seems trouble-prone and mickey mouse.

P.S. bravo to Joe for his thorough overview of rehab-- I oughtta do some of those things once I have an HF antenna up this summer to feed the T-3 into

[Non-text portions of this message have been removed]

# 804. Filament Pot vs. Variac

Yahoo group: T-368_BC-610
Date: 2001-03-17 00:53:04 UTC
From: Joe Foley
Topic: 804  Message: 804

Hello list,

I've seen references to changing the Filament Pot out in favor of a variable transformer but am not sure of the method. It seems that it needs a 3.0 Amp unit but I don't remember for sure,..... anyone know for sure?

Has anyone done this mod on their own unit?

Looking on the schematics I see where it is in the return line for several transformers, no wonder its hot!

Any one done the cup holder mod where the filament pot knob keeps the coffee warm?

Joe

---
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# 805. Interlocks on the T-368

Yahoo group: T-368_BC-610
Date: 2001-03-17 01:20:08 UTC
From: Joe Foley
Topic: 805  Message: 805

I forgot one small thing about the Interlocks on the T-368.

If you use the electrician's de-oxidation compound in the interlock it will keep them working longer.

Lets face it. This is a bad design, it might be all right for a control/monitor voltage, but I don't like it for carrying any sizeable current. The springs just don't contact with enough pressure, looks like a problem to me.

One thing about carefully cleaning an unknown transmitter before initial power-up is that it will cause you to do a detailed visual inspection. You'll have looked at every component in the whole unit.

There are lots of places for the wiring harness to have been damaged, too. The hanging plugs could have been shut in the drawers, or the drawers pulled out too far and caused the conductors to break inside the harness.

Oh, yeah! When you unplug the RF deck,... don't drop the plug!!

It may reach the tubes on the modulator deck!

You may have to pick it up when pushing the deck back in so the deck will go in all the way, without pinching the wires.

Be careful pulling the MOD deck out as the coax to the speech amp may catch on the side of the cabinet.

Don't tip the RF deck down too far when pulling it out, it not only will scratch the paint off from the top of the Mod deck but it could catch on the cabinet and break the 4-400!

Don't let the RF deck twist, the Plate coil form may crack.

Be careful what you set the RF deck on,..... do we really need to say anything about breaking one of the vacuum caps?

This is gettin' scary!

---
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http://personal.mail.yahoo.com/

# 806. That Vacuum Cap on E-bay

Yahoo group: T-368_BC-610
Date: 2001-03-18 04:23:58 UTC
From: Joe Foley
Topic: 806  Message: 806

For what its worth.

It went for $167, of the 10 bidders 4 took it over
$150!!

Joe

---
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http://personal.mail.yahoo.com/

# 807. Re: [T-368_BC-610] That Vacuum Cap on E-bay

Yahoo group: T-368_BC-610
Date: 2001-03-18 11:36:55 UTC
From: Tom Nicholson
Topic: 806  Message: 807

Joe,

It appears that the guy that won it, put in 2 proxy bids on
about the last day and maybe one or two guys picked up on
it and bumped him up just for spite. I believe there were two
new bidders in the last minutes?

Tom N.

Joe Foley wrote:

> For what its worth.
>
> It went for $167, of the 10 bidders 4 took it over
> $150!!
>
> Joe
>
> _____
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# 808. Re: [T-368_BC-610] That Vacuum Cap on E-bay

Yahoo group: T-368_BC-610
Date: 2001-03-18 16:05:07 UTC
From: w7qho@aol.com
Topic: 806  Message: 808

In a message dated 3/18/01 3:43:28 AM, gunsrus@... writes:

> It appears that the guy that won it, put in 2 proxy bids on
>about the last day and maybe one or two guys picked up on
>it and bumped him up just for spite. I believe there were two
>new bidders in the last minutes?

I had a guy jump in on me in the last TWO SECONDS of an auction. Welcome to
eBay!

Dennis D. W7QHO

# 809. RE: [T-368_BC-610] Interlocks on the T-368

Yahoo group: T-368_BC-610
Date: 2001-03-18 16:30:44 UTC
From: Trevor Lewis
Topic: 805  Message: 809

Joe Foley wrote:
>Lets face it. This is a bad design

Anyone got a good solution for this issue (besides jumpering the disconnects)? My understanding was that the designers put the interlocks directly in the HV transformer primary-- with no relays-- to make it 100% fail safe that the HV will always shut off when the decks are pulled; adding a relay creates risk that the contacts will weld or some other scenario where the HV will remain live with a deck out.

How about using a large/ oversized mercury-relay type contactor & using the interlocks only to switch the coil of the contactor, then letting the contactor switch the transformer. Or a huge solid state triac relay?. Would either of these be a solution to the notoriously intermittent interlocks while remaining fail-safe enough to avoid adding too much risk that a "duh" moment could be fatal?

[Non-text portions of this message have been removed]

# 810. RE: [T-368_BC-610] Interlocks on the T-368

Yahoo group: T-368_BC-610
Date: 2001-03-18 19:44:02 UTC
From: Joe Foley
Topic: 805  Message: 810

With regular maintenance they work well enough, I've left mine in the original state. Under military use they would definately be a pain. Mine came with big gobs of soldering wire stuffed in them.

Since the initial fix they have caused no problems and this is after several in/out cycles of the decks.

The ONE best thing to do with them is to put oxidation inhibitor in them, the stufff that electricians use on aluminum wire connections.

Alignment of the contacts is also important, if they've been "field modified" then that may have caused the mount to bend making the problem even worse.

My power supply deck was bent in so far the interlock could never have made contact. Almost ALL of them had so many strands of wire broken off that the insulation had started to char. Some had to be drilled out because somewhere along the line some tech probably installed one that didn't fit the wire properly and had to remove strands to get it to fit in the contact block.

Because of their poor past performance they should be checked closely.

Even though I don't like the design I have to say that they haven't been a problem yet. BUT I gave them a chance and did the work neccessary to make them work as they were designed to.

In a hurried maintenance setting where the tech HAS to get the transmitter back on the air as fast as possible he's going to stuff soldering wire in the hole instead of trying to straighten the deck, or look for something else wrong. We've got time to play, we can do it right.

Joe

--- Trevor Lewis <tlewis@...> wrote:
> Joe Foley wrote:
> >Lets face it. This is a bad design
>

>
> Anyone got a good solution for this issue (besides
> jumpering the
> disconnects)? My understanding was that the
> designers put the interlocks
> directly in the HV transformer primary-- with no
> relays-- to make it 100%
> fail safe that the HV will always shut off when the
> decks are pulled; adding
> a relay creates risk that the contacts will weld or
> some other scenario
> where the HV will remain live with a deck out.
>
> How about using a large/ oversized mercury-relay
> type contactor & using the
> interlocks only to switch the coil of the contactor,
> then letting the
> contactor switch the transformer. Or a huge solid
> state triac relay?.
> Would either of these be a solution to the
> notoriously intermittent
> interlocks while remaining fail-safe enough to avoid
> adding too much risk
> that a "duh" moment could be fatal?
>
>
> [Non-text portions of this message have been
> removed]
>
>

---------------------------------------------------
Do You Yahoo!?
Get email at your own domain with Yahoo! Mail.
http://personal.mail.yahoo.com/

# 811. Re: [T-368_BC-610] That Vacuum Cap on E-bay

Yahoo group: T-368_BC-610
Date: 2001-03-18 19:50:24 UTC
From: Joe Foley
Topic: 806  Message: 811

STING!!

I had a real live auctioneer withdraw the item when MY
high bid wasn't high enough.

It was a military trailer with two 5Kw gensets on it.
My high bid was $400!!!!

Then they re-offered it, I refused to bid at all, one
of the shills in the audience "bought it". The guy
works for the auctioneer.

I made a big point of leaving, haven't been to one of
his auctions since then.

Joe

--- w7qho@... wrote:
>
> In a message dated 3/18/01 3:43:28 AM,
> gunsrus@... writes:
>
> > It appears that the guy that won it, put in 2
> proxy bids on
> >about the last day and maybe one or two guys picked
> up on
> >it and bumped him up just for spite. I believe
> there were two
> >new bidders in the last minutes?
>
> I had a guy jump in on me in the last TWO SECONDS of
> an auction. Welcome to
> eBay!
>
> Dennis D. W7QHO
>

---------------------------------------------------
Do You Yahoo!?
Get email at your own domain with Yahoo! Mail.
http://personal.mail.yahoo.com/

# 812. Re: [T-368_BC-610] Interlocks on the T-368

Yahoo group: T-368_BC-610
Date: 2001-03-18 23:11:49 UTC
From: James M. Walker
Topic: 805  Message: 812

I have watched this thread for a while and have a few comments. First one is I've heard enthusiastic
folks on 80 meters brag about "HOT SWITCHING" decks in T-368 transmitters. I would have to say
all the interlock were jumpered out if that were possible, The high voltage is daisy-chained through the
modulator deck to the RF deck, remove the modulator no HV for the RF deck. Remove the RF deck
no need to have power on as you are no longer putting out a signal anyway. Remove the power
supply deck, well you get the drift.

The T-368 is a formidable device for putting lots of RF in the air reliably with constant maintenance
being performed on all equipments involved. I have had experience a division level maintenance of these units. The first things checked for failures was the interlock system, because without it in place a "Commo" tech could find himself greeting St. Peter. Operators as a rule didn't open the cases on these
units, because they were not trained to do anything with what was inside. If a tube was suspected of
needing replacement, depot maintenance personnel would do it. At which time cables were checked
coax checked things were given a good looking at because it was better to find possible problems
before they showed up in the field.

Everyone complains about moving these things around, lifting decks etc; well consider this:

The T-368 was a mobile transmitter for all intents and purposes, it was part of a system usually carried
on a "Deuce and a Half" truck in a shelter with 2 R-390s a CV-116 fsk converter, an ls-206 dual speaker system 2 tt-98 teletype page printers with stands a tt-76 TD and reperf with stand as ancillary
equipment. The T-368 itself came with the md-239 fsk modulator and the TN-339 tuner and a ME-165
SWR/Wattmeter assembly. These trucks had four operators if the unit (Military) was up to TO&E
strength, 2 if not minimum Driver and "Shotgun". they did not and could not do anymore than change a fuse or pilot lamp.

I had the pleasure of seeing a T-368 get swapped out once in a "Hot Zone" The transmitter took
an "RPG" round in the center of the mod deck. The operators lived with only minor bumps and

bruises. The Depot team came in with a spare T-368 on the back of a 3/4 ton truck, three guys.
they completely removed the transmitter from the shelter, put the new one into the shelter and the station was back on the air in 30 minutes.

They accomplished this by removing the decks separately, then the cabinet, and reversing the procedure
to get the new one in. I might mention the tail-gate on a deuce and a half is about 4 & 1/2 feet off the
ground.

I've missed my point but thought I throw it out there for what its worth (0). The interlocks are there to
help keep you here, use them don't change them don't jumper around them, because the next guy that
get your rig is NOT going to get the paper work you kept on all the changes you did. I would not
want a T-368 that didn't have all the interlocks in place and working, from a safety standpoint. If you
have a T-3 and a significant other ask them how they feel about you playing with "LIGHTNING",
then ask them if they know the proper procedure for removing you from the death grip of a High
Voltage power supply.

Boy I do get long-winded, sorry.

73 and Live and so confound your enemies!
Jim WB2FCN
T-368 (1) BC-610 (2) interlocks (ALL)

# 813. Re:

Yahoo group: T-368_BC-610
Date: 2001-03-19 20:47:20 UTC
From: Gene Beckwith
Topic: 813  Message: 813

Trevor,

Sorry for late response to your comments on the filament voltage control...That is a great ideas, and the only checking I will do is to see what the max current rating requirement might be..I too might have one in the junk box....?? but, if not it will be a summer's fest quest item...and your are right about the curious low tech approach to fil current adjustment...?? Sure out of character for the T-3's...

I'm sorry to say neither of mine are on the air just now...am working to get 160 meter antenna up and build a tuner/find a tuner large enough to do the job with the T-3...I'm using 600 ohm feeders and so far haven't come up with a bal. tuner big enough to use with the T-3 that will be mostly on 160...Have the parts for a "Whopper" of tuner, but as usual am behind in building projects...but the antenna is up now and will be doing the hook up for lower power as I get the big tuner built...

again, thanks for the excellent suggestion ... darn, now I gotta go check the junk box...and start another project...and its summer an I should be outside digging a hole for the tower..and, and, and, ....

Grin es 73,

Gene

Ps...I copied Joe's notes...and they are part of my T-3 data...Neat Joe, excellent check list...

agn,

Gene

Trevor Lewis wrote:

> 
> 
> I remember seeing a thouroughly mod-ed T-3 up for sale on the 'net
> where the person mentioned and showed pictures of how they'd replaced
> the filament pot with one of those very small 2.25 amp variacs that
> isn't that much larger than a big wirewound pot. I think they'd made
> a small bracket to do it, but it did not look complex. The variac
> would also give greater range of adjustment for situations (seemingly
> common these days) where line voltages run above the range these older
> units were designed for.
> 
> Unless there's a down side I'm not thinking of... I am thinking of
> doing this with my T-3 as the pot has some crunchy spots and I've got

> one of those small variacs in my junk box. Given the rest of the
> "spare no expense" engineering in the T-3, I can't figure out why B&W
> didn't do this in the first place; the pot approach seems
> trouble-prone and mickey mouse.
>
> P.S. bravo to Joe for his thorough overview of rehab-- I oughtta do
> some of those things once I have an HF antenna up this summer to feed
> the T-3 into

[Non-text portions of this message have been removed]

# 814. BC-610-F on E-bay

Yahoo group: T-368_BC-610
Date: 2001-03-19 22:07:46 UTC
From: dharlan
Topic: 814  Message: 814

Hello,

Saw this and an I model speech amp. Thought someone may be
interested in looking at the pix.

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1223136754

73's

Dan N8ETQ CLE

# 815. Re: [T-368_BC-610] That Vacuum Cap on E-bay

Yahoo group: T-368_BC-610
Date: 2001-03-19 22:17:11 UTC
From: tbigelow@pop.state.vt.us
Topic: 806  Message: 815

Bidding early is just an invitation to be outbid, IMHO. Granted, sometimes we can't be there for the end of things, but it's silly to bid early as(I think) it encourages others to 'test' your bid price if they have any interest at all. I also prefer bidding later if something gets absolutely ridiculous in price. I hate having my name involved in such things, as silly as that might sound. Also, I consider that the person auctioning it is most likely doing it there by choice, to get more $$, rather than selling outright for a fixed price. All the early bidding sure does help out the final high bid price.

Of course, bidding early/first/whatever is great if you can afford to place a bid so high that no one can top it. Which leaves me out...

73, Todd/'Boomer' KA1KAQ

w7qho@... wrote:

> In a message dated 3/18/01 3:43:28 AM, gunsrus@... writes:
>
> > It appears that the guy that won it, put in 2 proxy bids on
> >about the last day and maybe one or two guys picked up on
> >it and bumped him up just for spite. I believe there were two
> >new bidders in the last minutes?
>
> I had a guy jump in on me in the last TWO SECONDS of an auction. Welcome to
> eBay!
>
> Dennis D. W7QHO

# 816. here's a BC-610 for sale, if anyone's interested

Yahoo group: T-368_BC-610
Date: 2001-03-20 00:43:48 UTC
From: W2ZR@aol.com
Topic: 816  Message: 816

eBay item 1223136754 (Ends Mar-25-01 14:08:32 PST) - BC-610 Transmitter (http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1223136754) [Non-text portions of this message have been removed]

# 817. T-368 Registry 3/20/01

Yahoo group: T-368_BC-610
Date: 2001-03-20 11:26:48 UTC
From: W2ZR@aol.com
Topic: 817  Message: 817

W2ZR  w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI  redmenaced@...
Bendix T-368 E #160
contract  3219-PP-59

WF2U  mbendror@...
B&W T-368E #628
contract  15117-PP-62

W8KXR  jtone@...
B&W T-368C  #216
contract  43056-P-55

Bendix T-368C  #209
contract  3219-PP-59

W4WSZ  bobm@...
Stromberg-Carlson T-368D #161

KF2JQ  jprusso@...
(awaiting details)

WB3FAU  wb3fau@hotmail.com
Oneida T-368F  #192
contract  15498-PP-63

KA3OTT  kazott@juno.com
B&W T-368C  #018
contract  43056-P-56

KW1I  Dale.Gagnon@compaq.com
AMF T-368A  #62
contract 25209-PHILA-54

W3NP  daveh@hereintown.net
B&W T-368E  #575
contract 15117-PP-62

KD1YT  tlewis@primmer.com
B&W  T-368E  #27
contract  15117-PP-62
overhauled at Pirmasens Army Depot

KX4R  kx4rgc@...
Crosley  T-368C  #560
contract  21316-PH-56

WB6DXR  lesterw@...
B&W  T-368  #18
contract  25633-Phila-53

W2HU  reid.j.hagan@...
T-368  #138
(awaiting details)

W7QHO  w7qho@...
B&W  T-368  #129
contract  25633-PHILA-53

Crosley  T-368C  #237
contract  28459-PH-55

K2AUS  w.d.gallagher@...
TRW  T-368F #303
contract  14527(E)

N4FS  n4fs@...
TRW  T-368F  #261
contract  14527(E)

WA1QHQ  mark.donaldson@...
B&W T-368  #32
contract  25070-Phila-54

AE4IN  ae4in@...
Daystrom T-368C  #46
contract  28597-Phil-55

W5BVB  plmills@attglobal.net
Oneida  T-368F  #19
contract  15498-PP-63

N4KIA  pradams@bellsouth.net
Crosley  T-368C  #275
contract  28459-PH-55

N2BC  n2bc@...
T-368C

K4BVQ  PHollifield@...
Bendix  T-368E  #118
contract  3219-PP-59
overhauled at Pirmasens Army Depot

KF4TP  olaf@...
TRW  T-368F  #190
contract 14527(E)

KE7KK  ke7kk@...
Stromber-Carlson T-368D  #33

W9QM  r_longworth@...
Oneida T-368F  #149
contract 15498-PP-63

K9RJ  jandrjor@...
Stromberg-Carlson  T-368D  #55

WA6IUR  fly n ham@...
TRW  T-368F  #2
contract 14527(E)

W4TDC  WA4TDC@aol.com
Crosley  T-368C #364
contract  28459-PH-55

K9XH  jleer@execpc.com
TRW  T-368F  #238
contract  14527(E)
overhauled at Pirmasens Army Depot

WA4KCY  sweetbay@...
TRW  T-368F  #358
contract  14527(E)

Tom Leiper (no call yet)  twleiper@...
Ecco Electronic Components T-368F  #76
contract  DAAB05-67-C0022

K0WRX  PLCullum1823@...
B&W  T-368C  #305
contract  43056-P-56

W1ZD  w1nml@juno.com
TRW  T-368F  #64
contract 14527(E)

K8OF  hamalot@...
T-368C
GDP 2/67

WB2FCN  chejmw@...
Oneida  T-368F  #59
contract  15498-PP-63

WB6ACU  WB6ACU@...
B&W T-368C  #285
contract  43056-P-56
overhauled at Pirmasens Army Depot

KD3FA billn@ezy.net
B&W T-368E  #541

contract  11517-PP-62

[Non-text portions of this message have been removed]

# 818. What happened??

Yahoo group: T-368_BC-610
Date: 2001-03-22 19:39:40 UTC
From: Joe Foley
Topic: 818  Message: 818

Does anyone know what happened to the BC-610 that was
on E-bay?

The one with the REAL HIGH opening bid?

It says it was pulled off because of a mistake in the
description.

Joe

---
Do You Yahoo!?
Get email at your own domain with Yahoo! Mail.
http://personal.mail.yahoo.com/

# 819. Re: [T-368_BC-610] What happened??

Yahoo group: T-368_BC-610
Date: 2001-03-22 20:46:11 UTC
From: James M. Walker
Topic: 818  Message: 819

I sent the guy E-mail and asked for a pick-up address and got no response.
I could use another BC-610 to balance out the lean on the rear of the house,
Heh Heh
Jim WB2FCN AM/CW

# 820. Re: [T-368_BC-610] What happened??

Yahoo group: T-368_BC-610
Date: 2001-03-22 20:51:26 UTC
From: Joe Foley
Topic: 818  Message: 820

Part of the noise problem with that fan is that the
air coming in only hits one side of the wheel, if it
hits it in the center it makes it much quieter. This
can be done by installing a baffle in the hole that
directs the air to the center of the wheel. This is
called a turning vane by those people who make
ductwork.

Also, if you punch the hole in the back panel out to 4
1/2", which is the maximum, it will lower the pressure
there and make it quieter.

I'm not impressed with shutting this blower off as it
keeps the Filament Pot cool as well as other things in
the mod deck.

I also think the noise in this blower is dependant on
getting the thrust washers on the shaft in the right
place, gotta check mine, I know they're not right.

Joe

--- W2ZR@... wrote:
> Hi,
> Well that was fast. The blower that was taken
> out of the rig because it
> had noisy bearings is noisy but I dont think it's
> the bearings. I bought a
> spare blower from Fair and it looks and sounds
> perfect. The original one is
> pristine but the fan seems to be "cocked" a little
> and is rubbing against
> something. I can spin the spare and it coasts
> freely. The "original" rubs
> against something. So the spare is going in,
> probably later today.
>
> 73,
> Steve W2ZR
>

_____
Do You Yahoo!?
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http://auctions.yahoo.com/

# 821. Re: T-368 Owner

Yahoo group: T-368_BC-610
Date: 2001-03-23 01:39:27 UTC
From: Joe Foley
Topic: 821  Message: 821

Hi List,

Any posts to the list have to be done to this address:

t-368_bc-610@yahoogroups.com

Otherwise I get them and no one else does. Oops!

Joe

--- Robert Sweigert <wa3toj@...> wrote:
> Hello from Bob in Jonestown,Pa. I own two T-368
> transmitters an B&W T-368/URT serial no.13 contract
> no.3472-phila-52 and a B&W T-368E/URT serial no.206
> contract no.15117-pp-52 I was a O5C RATT operator in
> the army the T-3 was the first tx I used so its like
> haveing part of my past in the basement all the
> time. I often wonder how many of the old operators
> have a T-3 today
> Happy modulating from w3toy.
>
>
> ?
>
>
>

_____
Do You Yahoo!?
Get email at your own domain with Yahoo! Mail.
http://personal.mail.yahoo.com/

# 822. T-368 Registry 3/22/01

Yahoo group: T-368_BC-610
Date: 2001-03-23 03:14:21 UTC
From: W2ZR@aol.com
Topic: 822  Message: 822

W2ZR  w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI  redmenaced@...
Bendix T-368 E #160
contract  3219-PP-59

WF2U  mbendror@...
B&W T-368E #628
contract  15117-PP-62

W8KXR  jtone@...
B&W T-368C  #216
contract  43056-P-55

Bendix T-368C  #209
contract  3219-PP-59

W4WSZ  bobm@...
Stromberg-Carlson T-368D #161

KF2JQ  jprusso@...
(awaiting details)

WB3FAU  wb3fau@hotmail.com
Oneida T-368F  #192
contract  15498-PP-63

KA3OTT  kazott@juno.com
B&W T-368C  #018
contract  43056-P-56

KW1I  Dale.Gagnon@compaq.com
AMF T-368A  #62
contract 25209-PHILA-54

W3NP  daveh@hereintown.net
B&W T-368E  #575
contract 15117-PP-62

KD1YT  tlewis@primmer.com
B&W  T-368E  #27
contract  15117-PP-62
overhauled at Pirmasens Army Depot

KX4R  kx4rgc@...
Crosley  T-368C  #560
contract  21316-PH-56

WB6DXR  lesterw@...
B&W  T-368  #18
contract  25633-Phila-53

W2HU  reid.j.hagan@...
T-368  #138
(awaiting details)

W7QHO  w7qho@...
B&W  T-368  #129
contract  25633-PHILA-53

Crosley  T-368C  #237
contract  28459-PH-55

K2AUS  w.d.gallagher@...
TRW  T-368F #303
contract  14527(E)

N4FS  n4fs@...
TRW  T-368F  #261
contract  14527(E)

WA1QHQ  mark.donaldson@...
B&W T-368  #32
contract  25070-Phila-54

AE4IN  ae4in@...
Daystrom T-368C  #46
contract  28597-Phil-55

W5BVB  plmills@attglobal.net
Oneida  T-368F  #19
contract  15498-PP-63

N4KIA  pradams@bellsouth.net
Crosley  T-368C  #275
contract  28459-PH-55

N2BC  n2bc@...
T-368C

K4BVQ  PHollifield@...
Bendix  T-368E  #118
contract  3219-PP-59
overhauled at Pirmasens Army Depot

KF4TP  olaf@...
TRW  T-368F  #190
contract 14527(E)

KE7KK  ke7kk@...
Stromber-Carlson T-368D  #33

W9QM  r_longworth@...
Oneida T-368F  #149
contract 15498-PP-63

K9RJ  jandrjor@...
Stromberg-Carlson  T-368D  #55

WA6IUR  fly n ham@...
TRW  T-368F  #2
contract 14527(E)

W4TDC  WA4TDC@aol.com
Crosley  T-368C #364
contract  28459-PH-55

K9XH  jleer@execpc.com
TRW  T-368F  #238
contract  14527(E)
overhauled at Pirmasens Army Depot

WA4KCY  sweetbay@...
TRW  T-368F  #358
contract  14527(E)

Tom Leiper (no call yet)  twleiper@...
Ecco Electronic Components T-368F  #76
contract  DAAB05-67-C0022

K0WRX  PLCullum1823@...
B&W  T-368C  #305
contract  43056-P-56

W1ZD  w1nml@juno.com
TRW  T-368F  #64
contract 14527(E)

K8OF  hamalot@...
T-368C
GDP 2/67

WB2FCN  chejmw@...
Oneida  T-368F  #59
contract  15498-PP-63

WB6ACU  WB6ACU@...
B&W T-368C  #285
contract  43056-P-56
overhauled at Pirmasens Army Depot

KD3FA  billn@ezy.net
B&W T-368E  #541

contract  11517-PP-62

W3TOY wa3toj@highpines.net
B&W T-368 #13
contract 3472-Phila-52

B&W T-368E #206
contract 15117-PP-62

[Non-text portions of this message have been removed]

# 823. T-368 fan

Yahoo group: T-368_BC-610
Date: 2001-03-23 21:40:30 UTC
From: Doug Wherry
Topic: 823  Message: 823

I replaced the main fan with 2 110 volt pancake fans about 5 years .Runs great,a whole lot less noise.73s DOUG K8OF

[Non-text portions of this message have been removed]

# 824. re:T-368 fan

Yahoo group: T-368_BC-610
Date: 2001-03-23 18:52:16 UTC
From: William Marvin
Topic: 823  Message: 824

I also have replaced the large blower. I use a single 110V muffin fan.
It fits right over the square air inlet. I hold it in place with
tie-wraps. This setup has worked fine for 5 years.
It's very quiet and supplies an ample amount of cooling air for
intermittant, amateur radio type service.

73.....Bill - K2WPM

# 825. RE: [T-368_BC-610] re:T-368 fan

Yahoo group: T-368_BC-610
Date: 2001-03-23 18:37:30 UTC
From: Trevor Lewis
Topic: 823  Message: 825

Anyone ever try throttling back the speed and thus noise of the stock blower with some kind of motor speed controller, or is the motor on the stock blower not OK for that?

Mine does put out a racket, but I haven't yet dug into the bearings on the main or RF deck blowers to see how much noise reduction I could get with new bearings.

-----Original Message-----
From: William Marvin [mailto:wmarvin@...]
Sent: Friday, March 23, 2001 1:52 PM
To: t-368_bc-610@yahoogroups.com
Subject: [T-368_BC-610] re:T-368 fan

I also have replaced the large blower. I use a single 110V muffin fan.
It fits right over the square air inlet. I hold it in place with
tie-wraps. This setup has worked fine for 5 years.
It's very quiet and supplies an ample amount of cooling air for
intermittant, amateur radio type service.

73.....Bill - K2WPM

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[Non-text portions of this message have been removed]

# 826. Re: [T-368_BC-610] T-368 fan

Yahoo group: T-368_BC-610
Date: 2001-03-23 19:36:51 UTC
From: w7qho@aol.com
Topic: 823  Message: 826

I run my T368 Basic with the back off and no cabinet fan at all and have experienced no heat build up. A friend of mine disconnected the fan but left the back on and reported no heating problems either during normal ham use. Remember, this rig was designed for continuous duty operation under worst case conditions.

Dennis D. W7QHO
Glendale, CA

# 827. UCS-300 10kv for sale on eBay

Yahoo group: T-368_BC-610
Date: 2001-03-23 22:38:27 UTC
From: W2ZR@aol.com
Topic: 827  Message: 827

eBay item 1224327152 (Ends Apr-01-01 19:24:05 PDT) - Mil Radio Transmitter T-368 Vacuum Capacitor (http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1224327152) [Non-text portions of this message have been removed]

# 828. UCS-300 10kv vacuum variable for T-368 on eBay

Yahoo group: T-368_BC-610
Date: 2001-03-23 23:54:02 UTC
From: W2ZR@aol.com
Topic: 828  Message: 828

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1224327152

[Non-text portions of this message have been removed]

# 829. Collins Collector's Association: First Wednesday Net

Yahoo group: T-368_BC-610
Date: 2001-03-24 04:26:45 UTC
From: redmenaced@yahoo.com
Topic: 829  Message: 829

The next First Wednesday Net will be on April 4th.

There are no requirments that you use Collins equipment to check in.

Anyone with an AM rig can participate. Last time I was able to check in to all four net control stations. The net control operators are in each time zone in the United States with the eastern most station starting the net at 8:00 PM local time. Every hour the net control is switched to the next time zone offering an opportunity to follow the net acrossed the country.

This is a BIG event, when's the last time you heard a pile-up of AM stations????

It takes a powerful rig to cover the country, the T-368's and BC-610's are well suited to this challenge but few were heard last month. I think I was the ONLY one using a T-368!!

The rigs used are unbelievable, they sound great!

73

Joe

# 830. West Coast MRCG Update

Yahoo group: T-368_BC-610
Date: 2001-03-25 18:13:12 UTC
From: n6wig@netscape.net
Topic: 830  Message: 830

?The West Coast Military Radio Collectors Group meeting will be held this coming May 4th and 5th. ?The Website has been updated with the lastest information. ?This year there will be contest to recognize efforts my members in setting up displays and demonstations of military radio equipment. ?For more information go to the site at:
?http://www.syzen.com/users/milradio/
?Click on "Meetings" to see the meeting info, then go to the Equipment Operation and Display section for the link to the contest rules. ?

For additional information contact Dennis DuVall, W7QHO, (818)240-7907, w7qho@...; Trish Gibbons, WA6UBE, wa6ube@...; or Hank Brown, W6DJX, (661)943-2027, htbrown@.... As the meeting date approaches, announcements of general interest will be made on the West Coast military nets, (Wed. 2000 PST, 3996 USB and 2100 PST, 3980 AM), in Electric Radio magazine.

Hope to see you all there, 73's

Mike, N6WIG

--
? ?/// ? ? ?<N6WIG@...>
? ? | ?Collector of Military and Vintage
? ?/|\ ? ? commuications equipment.
? N6WIG ? ? ? ?San Jose

_____
Get your own FREE, personal Netscape Webmail account today at http://webmail.netscape.com/

# 831. Re: [T-368_BC-610] re:T-368 fan

Yahoo group: T-368_BC-610
Date: 2001-03-26 20:43:01 UTC
From: Gene Beckwith
Topic: 823  Message: 831

Gents,

I'm wrestling with the same questions re the fan....Plan is to...

1. put swithc on main blower and use it in warm weather for final cool down before powering down...will be leaving the second fan on of course...

2. Am working up a pair of Muffin fans to go over the exit grill on the back of back cover pane. and use them as exhaust fans...they should be quieter, but if not enough, I've found that by using either a Variac or a step down xfromer, Muffins will turn quite nicely at about 100 volts...and still move a lot of air without the high pitched whine....

Wow, my T-3 project has taken a long time and I'm still not there yet, but progess is steady and detemined to be ready for 160 meters next season...Darn, missed the best conditions this year...

73 to all,

Gene
W8KXR

Ps...also going to check the Junk box/fests this season for small variacs to handle the work of the pot for filiment control...? Not sure just what is needed yet, but going to take a look at that idea...

agn,

Gene

William Marvin wrote:

> I also have replaced the large blower. I use a single 110V muffin fan.
> It fits right over the square air inlet. I hold it in place with
> tie-wraps. This setup has worked fine for 5 years.
> It's very quiet and supplies an ample amount of cooling air for
> intermittant, amateur radio type service.
>
> 73.....Bill - K2WPM
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 832. Re: [T-368_BC-610] Interlocks on the T-368

Yahoo group: T-368_BC-610
Date: 2001-03-26 21:21:24 UTC
From: Gene Beckwith
Topic: 805  Message: 832

Joe,

Scarry Yes! but great advice!

73,

Gene

Joe Foley wrote:

> I forgot one small thing about the Interlocks on the
> T-368.
>
> If you use the electrician's de-oxidation compound in
> the interlock it will keep them working longer.
>
> Lets face it. This is a bad design, it might be all
> right for a control/monitor voltage, but I don't like
> it for carrying any sizeable current. The springs
> just don't contact with enough pressure, looks like a
> problem to me.
>
> One thing about carefully cleaning an unknown
> transmitter before initial power-up is that it will
> cause you to do a detailed visual inspection. You'll
> have looked at every component in the whole unit.
>
> There are lots of places for the wiring harness to
> have been damaged, too. The hanging plugs could have
> been shut in the drawers, or the drawers pulled out
> too far and caused the conductors to break inside the
> harness.
>
> Oh, yeah! When you unplug the RF deck,... don't drop
> the plug!!
>
> It may reach the tubes on the modulator deck!
>
> You may have to pick it up when pushing the deck back
> in so the deck will go in all the way, without
> pinching the wires.
>
> Be careful pulling the MOD deck out as the coax to the
> speech amp may catch on the side of the cabinet.
>
> Don't tip the RF deck down too far when pulling it

> out, it not only will scratch the paint off from the
> top of the Mod deck but it could catch on the cabinet
> and break the 4-400!
>
> Don't let the RF deck twist, the Plate coil form may
> crack.
>
> Be careful what you set the RF deck on,..... do we
> really need to say anything about breaking one of the
> vacuum caps?
>
> This is gettin' scary!
>
> _____
> Do You Yahoo!?
> Get email at your own domain with Yahoo! Mail.
> http://personal.mail.yahoo.com/
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 833. Re: [T-368_BC-610] Interlocks on the T-368

Yahoo group: T-368_BC-610
Date: 2001-03-26 21:34:12 UTC
From: Gene Beckwith
Topic: 805  Message: 833

Gents,

Neat comments about the use of anti oxidant material on the interlocks...Here's a suggestion, question...in the case of battery terminals on cars and trucks...I've found the use of "Never Seize" is a magic material for preventing corrosion in that very tough environment...It is apparently very conductive...and I'm tempted to try it on the interlocks in the T-3...In the past I've had trouble with battery terminals...now, no maintenance at all, except to re seat the terminals each year to ensure every thing is tight during regular inspections...my friends who work on 18 wheelers have been using this for several years and essentially eliminated connector troubles...what a great thing for something that works in the worst environments...!!

Don't know for sure but I'm going to take a look at it for the interlocks...just don't smear it around...use good judgment and techniques as usual...

73,

Gene

Joe Foley wrote:

> With regular maintenance they work well enough, I've
> left mine in the original state. Under military use
> they would definately be a pain. Mine came with big
> gobs of soldering wire stuffed in them.
>
> Since the initial fix they have caused no problems and
> this is after several in/out cycles of the decks.
>
> The ONE best thing to do with them is to put oxidation
> inhibitor in them, the stufff that electricians use on
> aluminum wire connections.
>
> Alignment of the contacts is also important, if
> they've been "field modified" then that may have
> caused the mount to bend making the problem even
> worse.
>
> My power supply deck was bent in so far the interlock
> could never have made contact. Almost ALL of them had
> so many strands of wire broken off that the insulation
> had started to char. Some had to be drilled out
> because somewhere along the line some tech probably

> installed one that didn't fit the wire properly and
> had to remove strands to get it to fit in the contact
> block.
>
> Because of their poor past performance they should be
> checked closely.
>
> Even though I don't like the design I have to say that
> they haven't been a problem yet. BUT I gave them a
> chance and did the work neccessary to make them work
> as they were designed to.
>
> In a hurried maintenance setting where the tech HAS to
> get the transmitter back on the air as fast as
> possible he's going to stuff soldering wire in the
> hole instead of trying to straighten the deck, or look
> for something else wrong. We've got time to play, we
> can do it right.
>
> Joe
>
> --- Trevor Lewis <tlewis@...> wrote:
> > Joe Foley wrote:
> > >Lets face it. This is a bad design
> > >
> > >
> > Anyone got a good solution for this issue (besides
> > jumpering the
> > disconnects)? My understanding was that the
> > designers put the interlocks
> > directly in the HV transformer primary-- with no
> > relays-- to make it 100%
> > fail safe that the HV will always shut off when the
> > decks are pulled; adding
> > a relay creates risk that the contacts will weld or
> > some other scenario
> > where the HV will remain live with a deck out.
> > >
> > How about using a large/ oversized mercury-relay
> > type contactor & using the
> > interlocks only to switch the coil of the contactor,
> > then letting the
> > contactor switch the transformer. Or a huge solid
> > state triac relay?.
> > Would either of these be a solution to the
> > notoriously intermittent
> > interlocks while remaining fail-safe enough to avoid
> > adding too much risk
> > that a "duh" moment could be fatal?
> > >

> >
> > [Non-text portions of this message have been
> > removed]
> >
> >
>
> ---------------------------------------------------
> Do You Yahoo!?
> Get email at your own domain with Yahoo! Mail.
> http://personal.mail.yahoo.com/
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 834. Re: [T-368_BC-610] re:T-368 Fil. Rheostat

Yahoo group: T-368_BC-610
Date: 2001-03-26 23:44:49 UTC
From: w7qho@aol.com
Topic: 834  Message: 834

All,

I note on the early models, at least, that all the filament transformers in the T368 have a 115 volt primary connection in addition to the 100 volt tap fed by the filament rheostat circuit. In most fixed environments I suspect the rig should work fine by merely shorting out the rheostat and rewiring the inputs on T1, T2, T3, T7 and T8 from pin 2 (100 V) to pin 3 (115 V).

These rigs were designed to operate under widely ranging conditions and the front panel filament and modulator bias controls were included to accommodate this. In my portable operations last summer, the voltage from the 5KW generator I was using sagged down to 110 on key down (120 v on standby) and the front panel rheostats provided for the necessary voltage and current adjustments. Shouldn't be needed, though, in a fixed environment with reasonable line regulation.

Dennis D. W7QHO
Glendale, CA

# 835. Re: [T-368_BC-610] re:T-368 Fil. Rheostat

Yahoo group: T-368_BC-610
Date: 2001-03-27 04:14:00 UTC
From: Gene Beckwith
Topic: 834  Message: 835

Hi Dennis,

Your comments noted and filed, but now another question...Have been advised repeatedly, that for max life of the 4-400, the tube should be 'slow started' with the filament voltage backed down as far as possible --- slowly ---- prior to shut down...and in start up, the process is reversed to bring voltage up to rated value....

The question has come up as to whether or not it's advisable to install variac to drop voltage to zero for start up and shut down ...? Maybe we're all getting bent out of shape for nothing...

Expect the rheostat provides only marginal control to correct for voltages in mobile service as you suggest, but in the military, the supply of big glass was not a problem especially as us 'tax payers' were keepin' em supplied.

Wonder if you've had any cases of shortened tube life that might be attributed to fast start and no cool down?

73,

Gene

w7qho@... wrote:

> All,
>
> I note on the early models, at least, that all the filament transformers in
> the T368 have a 115 volt primary connection in addition to the 100 volt tap
> fed by the filament rheostat circuit. In most fixed environments I suspect
> the rig should work fine by merely shorting out the rheostat and rewiring the
> inputs on T1, T2, T3, T7 and T8 from pin 2 (100 V) to pin 3 (115 V).
>
> These rigs were designed to operate under widely ranging conditions and the
> front panel filament and modulator bias controls were included to accommodate
> this. In my portable operations last summer, the voltage from the 5KW
> generator I was using sagged down to 110 on key down (120 v on standby) and
> the front panel rheostats provided for the necessary voltage and current
> adjustments. Shouldn't be needed, though, in a fixed environment with
> reasonable line regulation.
>
> Dennis D. W7QHO
> Glendale, CA
>
>
>
>

> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 836. BC-610 160M?

Yahoo group: T-368_BC-610
Date: 2001-03-28 15:24:20 UTC
From: Jack Taylor
Topic: 836  Message: 836

Anyone on 160M with their '610? If so, what tuning unit are you using? (I haven't seen a TU that covers 160M) Any tips to pass along?

Also, the back panel covering the modulator/PS on my E model is missing. I'd like to fabricate a new one. Could someone describe theirs?

73 de Jack

# 837. (no subject)

Yahoo group: T-368_BC-610
Date: 2001-03-30 17:15:49 UTC
From: Trevor Lewis
Topic: 837  Message: 837

T-368 owners:

A while back, I'd asked for sources for a plug to fit the connector on the back of the T-368 that handles receiver muting, line audio in, etc.

Robert Downs in Texas (e-mail in the cc' line above) has a supply (he is also an excellent source of technical manuals and other connectors, and a good fellow to deal with): $12.50 + 4.60 shipping.

[Non-text portions of this message have been removed]

# 838. BC-610E For Sale

Yahoo group: T-368_BC-610
Date: 2001-03-31 04:25:28 UTC
From: Joel Cumberland
Topic: 838  Message: 838

No it's not mine. This guy found my web page and sent me this message.
Please reply directly to him.

Joel N3EYR

I have a hallicrafters BC-610E and all the original paperwork
from its sale in 1946 from Henry Radio of Butler Missouri. This radio is not
in working order but I believe it is nearly, if not all complete. I would
like to sell it to someone interested in it I'll never do anything with it
and I'd like someone to get some good out of it. If you know of anyone
interested or could point me to a place to list it. I would be greatful.

Bryan Rollins
Victoria, IL 61485
rollins@...

# 839. Fuse Blowin' 610-E

Yahoo group: T-368_BC-610
Date: 2001-04-04 01:46:01 UTC
From: dharlan
Topic: 839  Message: 839

Hello All,

Anyone read that ER article about using
smaller fuses in your 610 ? I did and mine blows the
HV fuse every time. Maybe the guy who wrote the article
had a little "R" in the line cord. Anyone else try this
stunt ?

Dan N8ETQ CLE

# 840. Re: [T-368_BC-610] Digest Number 323

Yahoo group: T-368_BC-610
Date: 2001-04-04 08:18:04 UTC
From: N4QNX@aol.com
Topic: 840  Message: 840

I haven't read the ER article but have used 15, 20, and 25 Amp Edison base plug fuses of the regular and delayed types in the BC-610-G here with good results. I've run out of 15s due to a blackened 75 meter final tank coil that kept shorting out the HV. The HV fuse has only blown once though. Usually the same main fuse blows instead. The old coil finally had to come out and now there are 20 and 25 amp fuses in the rig. 15 Amp fast blow types are especially good for testing out a repair job in the HV circuits or final amp as they will blow a lot quicker if there is a real short somewhere. 73, N4QNX DEWitt

[Non-text portions of this message have been removed]

# 841. Re: [T-368_BC-610] Fuse Blowin' 610-E

Yahoo group: T-368_BC-610
Date: 2001-04-04 19:37:42 UTC
From: brronk777@aol.com
Topic: 839  Message: 841

I haven't even got my BC-610-E on the air yet. But I did have a similar occurrence with a Valiant I I purchased. The guy I bought it from demonstrated it to me on the air while it was coupled to a monitor scope. It worked fine.

When I hooked it up at home I got a big POP and found that one of the fuses in the Johnson AC plug had blown. Upon examination I found that he was using 5 amp fuses. The manual calls for 8 amp fuses. I can only guess that his line voltage was less than mine. Perhaps he was on 110 VAC, while mine seldom dips below 120 VAC (except in the summer, when the demand is high due to AC use.)

Hope this helps.

73 es `Here's to higher fuses', Ron K -- W1ARS

# 842. Re: [T-368_BC-610] Fuse Blowin' 610-E

Yahoo group: T-368_BC-610
Date: 2001-04-04 20:04:35 UTC
From: James M. Walker
Topic: 839  Message: 842

Hello All,
On my BC-610(E) and (I) models I use Superior 25 Amp. Variacs @
0-130 VAC. I set the line voltage to 110 going to the BC-610 and keep an eye
on it during operation. Don't pop any fuses except the
low voltage 6 amp one when the 5Z3 Bias rectifiers get arcing inside
or shorted.

Jim WB2FCN
REAL RADIO in BUFFALO

----- Original Message -----
From: <brronk777@...>
To: <dharlan@...>
Cc: <t-368_BC-610@yahoogroups.com>
Sent: Wednesday, April 04, 2001 3:37 PM
Subject: Re: [T-368_BC-610] Fuse Blowin' 610-E

>
> I haven't even got my BC-610-E on the air yet. But I did have a similar
> occurrence with a Valiant I I purchased. The guy I bought it from
> demonstrated it to me on the air while it was coupled to a monitor scope.
It
> worked fine.
>
> When I hooked it up at home I got a big POP and found that one of the
fuses
> in the Johnson AC plug had blown. Upon examination I found that he was
using
> 5 amp fuses. The manual calls for 8 amp fuses. I can only guess that his
line
> voltage was less than mine. Perhaps he was on 110 VAC, while mine seldom
dips
> below 120 VAC (except in the summer, when the demand is high due to AC
use.)
>
> Hope this helps.
>
> 73 es `Here's to higher fuses', Ron K -- W1ARS
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

# 843. T-368 VFO FREQ.SHIFT

Yahoo group: T-368_BC-610
Date: 2001-04-05 18:46:45 UTC
From: Roy Longworth
Topic: 843  Message: 843

Has anyone had to find the problem of VFO jumping freq ,mainly when the unit is modulated? mine sems to jump as much as several hundred hertz.. I have metered the 110volt input and the supply goes from 122 volts to 118 when fully loaded. Roy w9qm
Get your FREE download of MSN Explorer at http://explorer.msn.com
[Non-text portions of this message have been removed]

# 844. Re: [T-368_BC-610] T-368 VFO FREQ.SHIFT

Yahoo group: T-368_BC-610
Date: 2001-04-05 19:49:55 UTC
From: w7qho@aol.com
Topic: 843  Message: 844

In a message dated 4/5/01 12:10:04 PM, r_longworth@... writes:

>Has anyone had to find the problem of VFO jumping freq ,mainly when the
>unit is modulated? mine sems to jump as much as several hundred hertz..
>I have metered the 110volt input and the supply goes from 122 volts to
>118 when fully loaded.

Roy,

Are you getting discrete frequency changes (jumps), or is the frequency following the modulation (i.e., FMing)? I've been running a pair of these transmitters for six years now and haven't run into either problem, even during portable operation where the line voltage dropped from 120 to 110 on key down. You might try replacing the oscillator and VR tubes and see if this helps. Would also be instructive to monitor the B+ and heater voltages to the oscillator to see if anything is changing between key up and key down and during modulation. Later versions of the rig used a constant voltage xformer for the osc. heaters. I have one of each and haven't noticed any differences in stability, though.

Good luck,
Dennis D. W7QHO
Glendale, CA

# 845. CCA First Wednesday Net

Yahoo group: T-368_BC-610
Date: 2001-04-06 00:20:04 UTC
From: Joe Foley
Topic: 845  Message: 845

The above mentioned net wasn't as enjoyable last night as it has been in the past, very noisey!

Still there were 29 check-ins for the Eastern portion, net controlled by Paul WA3VJB.

The signals were great! Paul's rig sounds awesome!

My one and lonely T-368 was joined by WA1HLR's, that's the Tim Tron, BC-610B. He says the "B" stands for bastardized, knowing him he's probably got it extensively modified, it sounded great.

Tim is also the one who does the mods to the T-368 that will make you sound just like the six o'clock news!

Joe KG2CI

---
Do You Yahoo!?
Get email at your own domain with Yahoo! Mail.
http://personal.mail.yahoo.com/

# 846. Re: [T-368_BC-610] CCA First Wednesday Net

Yahoo group: T-368_BC-610
Date: 2001-04-06 01:10:42 UTC
From: w7qho@aol.com
Topic: 845  Message: 846

All,

Noisy on this side too. I was able to check in twice with my T368 (Basic model), first with Jim, W0NKL in Prescott, KS and finally with Bill, N6PY out here. Didn't hear any other T3s, though, and no signals coming through from anywhere east of KS.

Dennis D. W7QHO
Glendale, CA

# 847. T-368 Control Box

Yahoo group: T-368_BC-610
Date: 2001-04-12 02:21:24 UTC
From: Joe Foley
Topic: 847  Message: 847

Fair Radio has one shown on their website, also the
shorting sticks.

73

Joe

---
Do You Yahoo!?
Get email at your own domain with Yahoo! Mail.
http://personal.mail.yahoo.com/

# 848. Registry information

Yahoo group: T-368_BC-610
Date: 2001-04-14 01:10:54 UTC
From: Joe Foley
Topic: 848  Message: 848

> Hi all,
>
> W3PWW writes that his T-368-C is S/N 211 made by
> Crosley Div. of AVCO on order #28459-PH-55.
>
> His BC-610-F is S/N 25 by the David Bogen Co on
> order
> #10970-PH-48-77. It has a metal tag on the side
> panel
> that reads: "U.S. Naval Property - Plant Account"
> followed by a ten digit number. He states that he
> didn't know that the Navy used any BC-610's and
> supposes that it may be a MARS station asset.
>
> I propose that it may also be a unit used by a
> defense
> contractor to communicate with Navy units.....?
>
> W3PWW is the net control of the Old Military Radio
> Net. That's the net that takes place on Saturday
> mornings on the East Coast at 0500 EDT. He has no
> computer and so can't participate in the
> T-368/BC-610
> mailing list but he did indicate that he wanted this
> information included in the registry.
>
> I don't see a problem with that, what would we do?
> Say no?
>
> 73
>
> Joe

_____
Do You Yahoo!?
Get email at your own domain with Yahoo! Mail.
http://personal.mail.yahoo.com/

# 849. T-368 Registry 04/13/01

Yahoo group: T-368_BC-610
Date: 2001-04-14 01:17:30 UTC
From: W2ZR@aol.com
Topic: 849  Message: 849

W2ZR  w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI  redmenaced@...
Bendix T-368 E #160
contract  3219-PP-59

WF2U  mbendror@...
B&W T-368E #628
contract  15117-PP-62

W8KXR  jtone@...
B&W T-368C  #216
contract  43056-P-55

Bendix T-368C  #209
contract  3219-PP-59

W4WSZ  bobm@...
Stromberg-Carlson T-368D #161

KF2JQ  jprusso@...
(awaiting details)

WB3FAU  wb3fau@hotmail.com
Oneida T-368F  #192
contract  15498-PP-63

KA3OTT  kazott@juno.com
B&W T-368C  #018
contract  43056-P-56

KW1I  Dale.Gagnon@compaq.com
AMF T-368A  #62
contract 25209-PHILA-54

W3NP  daveh@hereintown.net
B&W T-368E  #575
contract 15117-PP-62

KD1YT  tlewis@primmer.com
B&W  T-368E  #27
contract  15117-PP-62
overhauled at Pirmasens Army Depot

KX4R  kx4rgc@...
Crosley  T-368C  #560
contract  21316-PH-56

WB6DXR  lesterw@...
B&W  T-368  #18
contract  25633-Phila-53

W2HU  reid.j.hagan@...
T-368  #138
(awaiting details)

W7QHO  w7qho@...
B&W  T-368  #129
contract  25633-PHILA-53

Crosley  T-368C  #237
contract  28459-PH-55

K2AUS  w.d.gallagher@...
TRW  T-368F #303
contract  14527(E)

N4FS  n4fs@...
TRW  T-368F  #261
contract  14527(E)

WA1QHQ  mark.donaldson@...
B&W T-368  #32
contract  25070-Phila-54

AE4IN  ae4in@...
Daystrom T-368C  #46
contract  28597-Phil-55

W5BVB  plmills@attglobal.net
Oneida  T-368F  #19
contract  15498-PP-63

N4KIA  pradams@bellsouth.net
Crosley  T-368C  #275
contract  28459-PH-55

N2BC  n2bc@...
T-368C

K4BVQ  PHollifield@...
Bendix  T-368E  #118
contract  3219-PP-59
overhauled at Pirmasens Army Depot

KF4TP  olaf@...
TRW  T-368F  #190
contract 14527(E)

KE7KK  ke7kk@...
Stromber-Carlson T-368D  #33

W9QM  r_longworth@...
Oneida T-368F  #149
contract 15498-PP-63

K9RJ  jandrjor@...
Stromberg-Carlson  T-368D  #55

WA6IUR  fly n ham@...
TRW  T-368F  #2
contract 14527(E)

W4TDC  WA4TDC@aol.com
Crosley  T-368C #364
contract  28459-PH-55

K9XH  jleer@execpc.com
TRW  T-368F  #238
contract  14527(E)
overhauled at Pirmasens Army Depot

WA4KCY  sweetbay@...
TRW  T-368F  #358
contract  14527(E)

Tom Leiper (no call yet)  twleiper@...
Ecco Electronic Components T-368F  #76
contract  DAAB05-67-C0022

K0WRX  PLCullum1823@...
B&W  T-368C  #305
contract  43056-P-56

W1ZD  w1nml@juno.com
TRW  T-368F  #64
contract 14527(E)

K8OF  hamalot@...
T-368C
GDP 2/67

WB2FCN  chejmw@...
Oneida  T-368F  #59
contract  15498-PP-63

WB6ACU  WB6ACU@...
B&W T-368C  #285
contract  43056-P-56
overhauled at Pirmasens Army Depot

KD3FA  billn@ezy.net
B&W T-368E  #541

contract  11517-PP-62

W3TOY  wa3toj@highpines.net
B&W T-368  #13
contract  3472-Phila-52

B&W T-368E  #206
contract 15117-PP-62

W3PWW (no email)
Crosley T-368C #211
contract 28459-PH-55

[Non-text portions of this message have been removed]

# 850. 4-400 crap out!

Yahoo group: T-368_BC-610
Date: 2001-04-14 04:55:23 UTC
From: Joe Foley
Topic: 850  Message: 850

This is what happens to 4-400's that crap out:

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1133209702

Note the hole.

Joe

---
Do You Yahoo!?
Get email at your own domain with Yahoo! Mail.
http://personal.mail.yahoo.com/

# 851. Re: [T-368_BC-610] Registry information

Yahoo group: T-368_BC-610
Date: 2001-04-14 05:41:22 UTC
From: Ed Zeranski
Topic: 848  Message: 851

At 06:10 PM 4/13/01 -0700, Joe Foley wrote:

> > Hi all,
> >
> > W3PWW writes that his T-368-C is S/N 211 made by
> > Crosley Div. of AVCO on order #28459-PH-55.
> >
> > His BC-610-F is S/N 25 by the David Bogen Co on
> > order
> > #10970-PH-48-77. It has a metal tag on the side
> > panel
> > that reads: "U.S. Naval Property - Plant Account"
> > followed by a ten digit number. He states that he
> > didn't know that the Navy used any BC-610's and
> > supposes that it may be a MARS station asset.

In WWII Navy Comm. publications ( Copy from Robert Downs) there is a section with Signal Corps gear used by the Navy..well ..-610 is in there, SCR-508, Navy ART-13 etc.

# 852. T-368 Registry 4/14/01

Yahoo group: T-368_BC-610
Date: 2001-04-14 13:00:46 UTC
From: W2ZR@aol.com
Topic: 852  Message: 852

W2ZR  w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI  redmenaced@...
Bendix T-368 E #160
contract  3219-PP-59

WF2U  mbendror@...
B&W T-368E #628
contract  15117-PP-62

W8KXR  jtone@...
B&W T-368C  #216
contract  43056-P-55

Bendix T-368C  #209
contract  3219-PP-59

W4WSZ  bobm@...
Stromberg-Carlson T-368D #161

KF2JQ  jprusso@...
(awaiting details)

WB3FAU  wb3fau@hotmail.com
Oneida T-368F  #192
contract  15498-PP-63

KA3OTT  kazott@juno.com
B&W T-368C  #018
contract  43056-P-56

KW1I  Dale.Gagnon@compaq.com
AMF T-368A  #62
contract 25209-PHILA-54

W3NP  daveh@hereintown.net
B&W T-368E  #575
contract 15117-PP-62

KD1YT  tlewis@primmer.com
B&W  T-368E  #27
contract  15117-PP-62
overhauled at Pirmasens Army Depot

KX4R  kx4rgc@...
Crosley  T-368C  #560
contract  21316-PH-56

WB6DXR  lesterw@...
B&W  T-368  #18
contract  25633-Phila-53

W2HU  reid.j.hagan@...
T-368  #138
(awaiting details)

W7QHO  w7qho@...
B&W  T-368  #129
contract  25633-PHILA-53

Crosley  T-368C  #237
contract  28459-PH-55

K2AUS  w.d.gallagher@...
TRW  T-368F #303
contract  14527(E)

N4FS  n4fs@...
TRW  T-368F  #261
contract  14527(E)

WA1QHQ  mark.donaldson@...
B&W T-368  #32
contract  25070-Phila-54

AE4IN  ae4in@...
Daystrom T-368C  #46
contract  28597-Phil-55

W5BVB  plmills@attglobal.net
Oneida  T-368F  #19
contract  15498-PP-63

N4KIA  pradams@bellsouth.net
Crosley  T-368C  #275
contract  28459-PH-55

N2BC  n2bc@...
T-368C

K4BVQ  PHollifield@...
Bendix  T-368E  #118
contract  3219-PP-59
overhauled at Pirmasens Army Depot

KF4TP  olaf@...
TRW  T-368F  #190
contract 14527(E)

KE7KK  ke7kk@...
Stromber-Carlson T-368D  #33
contract #39692-PP-58

W9QM  r_longworth@...
Oneida T-368F  #149
contract 15498-PP-63

K9RJ  jandrjor@...
Stromberg-Carlson  T-368D  #55

WA6IUR  fly n ham@...
TRW  T-368F  #2
contract 14527(E)

W4TDC  WA4TDC@...
Crosley  T-368C #364
contract  28459-PH-55

K9XH  jleer@...
TRW  T-368F  #238
contract  14527(E)
overhauled at Pirmasens Army Depot

WA4KCY  sweetbay@...
TRW  T-368F  #358
contract  14527(E)

Tom Leiper (no call yet)  twleiper@juno.com
Ecco Electronic Components T-368F  #76
contract  DAAB05-67-C0022

K0WRX  PLCullum1823@...
B&W  T-368C  #305
contract  43056-P-56

W1ZD  w1nml@...
TRW  T-368F  #64
contract 14527(E)

K8OF  hamalot@...
T-368C
GDP 2/67

WB2FCN  chejmw@...u
Oneida  T-368F  #59
contract  15498-PP-63

WB6ACU  WB6ACU@...m
B&W T-368C  #285
contract  43056-P-56
overhauled at Pirmasens Army Depot

KD3FA  billn@...
B&W T-368E  #541
contract  11517-PP-62

W3TOY  wa3toj@...
B&W T-368  #13
contract  3472-Phila-52

B&W T-368E  #206
contract 15117-PP-62

W3PWW  (no email)
Crosley T-368C  #211
contract  28459-PH-55

[Non-text portions of this message have been removed]

# 853. 4D21's on E-bay

Yahoo group: T-368_BC-610
Date: 2001-04-15 00:10:34 UTC
From: Joe Foley
Topic: 853  Message: 853

They look like good ones, for whatever that's worth.

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1228802525

---
Do You Yahoo!?
Get email at your own domain with Yahoo! Mail.
http://personal.mail.yahoo.com/

# 854. Re: [T-368_BC-610] Fuse Blowin' 610-E

Yahoo group: T-368_BC-610
Date: 2001-04-15 15:46:53 UTC
From: Gene Beckwith
Topic: 839  Message: 854

Gents,

Regarding the dual fuse type plugs on the Valients and also many Heathkits and even the old Gonsets, I'm personally changing them out for the two prong plus ground variety as I bring these old vetrans back to active service here at W8KXR. Unless you provide specifically for a hard wired chassis ground, there is a certain sense of false security in the fused plugs...better than no fuses, but the 'for certain' grounded chassis is a must when we play with our potentially lethal toys...

73,

Gene

brronk777@... wrote:

> I haven't even got my BC-610-E on the air yet. But I did have a similar
> occurrence with a Valiant I I purchased. The guy I bought it from
> demonstrated it to me on the air while it was coupled to a monitor scope. It
> worked fine.
>
> When I hooked it up at home I got a big POP and found that one of the fuses
> in the Johnson AC plug had blown. Upon examination I found that he was using
> 5 amp fuses. The manual calls for 8 amp fuses. I can only guess that his line
> voltage was less than mine. Perhaps he was on 110 VAC, while mine seldom dips
> below 120 VAC (except in the summer, when the demand is high due to AC use.)
>
> Hope this helps.
>
> 73 es `Here's to higher fuses', Ron K -- W1ARS
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 855. Re: [T-368_BC-610] Fuse Blowin' 610-E

Yahoo group: T-368_BC-610
Date: 2001-04-15 15:52:03 UTC
From: Gene Beckwith
Topic: 839  Message: 855

Heavy Iron Ops,

I too am just completing a panel mounted slow start Variac system for my Viking 500, using volt and amp meters for keeping the nominal line voltage to the transmitter at near 115 to 110 volts...haven't faced a blown fuse scenario yet, but will now review the fusing in this rig based on the discussions here...

Excellent food for thought, regardless of the equipment...and oh yes...My soon to be on line T-368 will run from a 60 amp variac to keep the volts in line...looking for a 30 amp ameter to add to the system...just so I can see what's going on when we get to full power... 8>)

73 from Northeast Ohio,

Gene

W8KXR

"James M. Walker" wrote:

> Hello All,
> On my BC-610(E) and (I) models I use Superior 25 Amp. Variacs @
> 0-130 VAC. I set the line voltage to 110 going to the BC-610 and keep an eye
> on it during operation. Don't pop any fuses except the
> low voltage 6 amp one when the 5Z3 Bias rectifiers get arcing inside
> or shorted.
>
> Jim WB2FCN
> REAL RADIO in BUFFALO
>
> ----- Original Message -----
> From: <brronk777@...>
> To: <dharlan@...>
> Cc: <t-368_BC-610@yahoogroups.com>
> Sent: Wednesday, April 04, 2001 3:37 PM
> Subject: Re: [T-368_BC-610] Fuse Blowin' 610-E
>
> >
> > I haven't even got my BC-610-E on the air yet. But I did have a similar
> > occurrence with a Valiant I I purchased. The guy I bought it from
> > demonstrated it to me on the air while it was coupled to a monitor scope.
> It
> > worked fine.
> >
> > When I hooked it up at home I got a big POP and found that one of the
> fuses
> > in the Johnson AC plug had blown. Upon examination I found that he was

> using
> > 5 amp fuses. The manual calls for 8 amp fuses. I can only guess that his
> line
> > voltage was less than mine. Perhaps he was on 110 VAC, while mine seldom
> dips
> > below 120 VAC (except in the summer, when the demand is high due to AC
> use.)
> >
> > Hope this helps.
> >
> > 73 es `Here's to higher fuses', Ron K -- W1ARS
> >
> >
> >
> >
> > Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
> >
> >
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 856. Big QSO on 40 tonight

Yahoo group: T-368_BC-610
Date: 2001-04-16 01:14:54 UTC
From: Joe Foley
Topic: 856  Message: 856

They're talking about T-368 relays, one says, "You cant cut them open with a hacksaw!"

AHHH! The cans can be unsoldered with a big iron, too, much less messy.

This is a big QSO for so late in the evening.

Joe

---
Do You Yahoo!?
Get email at your own domain with Yahoo! Mail.
http://personal.mail.yahoo.com/

# 857. BC-610 Registry

Yahoo group: T-368_BC-610
Date: 2001-04-16 03:58:35 UTC
From: n6wig@netscape.net
Topic: 688  Message: 857

Here is the current BC-610 Registry. If you would like to add yours to the registry, please email Mike Brown, n6wig@...

73's

Mike

BC-610 Registry:

First Name: Rick
Last Name: Blank
Call: KI5SL
email: rblank@...
BC-610 Model: BC-610I
Order Number: 19624-PHILA-50
Manufacturer: Barker and Williamson, Inc
Serial Number: 79
First Name: Mikhael
Last Name: Brown
Call: N6WIG
email: N6WIG@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Hallicrafters
Serial Number: 1242

First Name: John
Last Name: Burgwyn
Call: W4WAW
email: jburgwyn@...
BC-610 Model: BC-610F
Order Number: 10970-PH-48-77
Manufacturer: David Bogen Co Inc
Serial Number: 247

First Name: Clay
Last Name: DeWitt
Call: N4QNX
email: n4qnx.aol.com
BC-610 Model: BC-610G
Order Number: July 1949
Manufacturer: Hallicrafters
Serial Number: 87

First Name: Jeff
Last Name: Edmonson
Call: W5OMR

email: w5omr@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Hallicrafters
Serial Number:

First Name: Mike
Last Name: Hardie
Call: VE7MMH
email: hardiem@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Hallicrafters
Serial Number: 435

First Name: Dan
Last Name: Harlan
Call: N8ETQ
email: dharlan@...
BC-610 Model: BC-610E
Order Number: 28934-PHILA-45-07
Manufacturer: Hallicrafters
Serial Number: 656

First Name: Ron
Last Name: Kresge
Call: W1ARS
email: brronk777@...
BC-610 Model: BC-610E
Order Number: 28934-PHILA-45-07
Manufacturer: Hallicrafters
Serial Number: 78

First Name: Rev Ronnie
Last Name: Parker
Call: N1UDI
email: n1udi19@...
BC-610 Model: BC-610F
Order Number: 10970-PH-48-77
Manufacturer: David Bogen Co,Inc. New
York,NY
Serial Number: 119

First Name: Gary
Last Name: Pewitt
Call: N9ZSV/AE
email: gpewitt@...
BC-610 Model: BC-610I
Order Number:
Manufacturer:
Serial Number:

First Name: Rolynn
Last Name: Prechtl
Call: K7DFW
email: k7dfw@...
BC-610 Model: BC-610G
Order Number: ' 49
Manufacturer: Hallicrafters
Serial Number: 141

First Name: Rolynn
Last Name: Prechtl
Call: K7DFW
email: k7dfw@...
BC-610 Model: BC-610F
Order Number: ' 48
Manufacturer: Bogen
Serial Number: 325

First Name: Bob
Last Name: Richmond
Call: W8MNQ
email: w8mnq@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Hallicrafters
Serial Number: 325

First Name: Bill
Last Name: Shaw
Call: W2HYN
email: w2hyn@...
BC-610 Model: BC-610E
Order Number:
Manufacturer:
Serial Number:

First Name: Theodore
Last Name: Stoner III
Call: WR4T
email: wr4t@...
BC-610 Model: BC-610E
Order Number: 28934-Phila-45-07
Manufacturer: Hallicrafters
Serial Number: 322

First Name: Jack
Last Name: Taylor
Call: N7OO
email: n7oo@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Halicrafters

Serial Number: 3223

First Name: Herb
Last Name: Ulrich
Call: K2JVM
email: k2jvm@...
BC-610 Model: BC-610I
Order Number: 3164-Phila-51-01-C
Manufacturer:
Serial Number: 39

First Name: Herb
Last Name: Ulrich
Call: K2JVM
email: k2jvm@...
BC-610 Model: BC-610E
Order Number: 18372-Phila-44
Manufacturer: Hallicrafters, Chicago, Ill.
Serial Number: 1211

First Name: Jim
Last Name: Walker
Call: WB2FCN
email: chejmw@...
BC-610 Model: BC-610I
Order Number:
Manufacturer:
Serial Number:

First Name: Jim
Last Name: Walker
Call: WB2FCN
email: chejmw@...
BC-610 Model: BC-610E
Order Number:
Manufacturer:
Serial Number:

First Name: Ed
Last Name: Zeranski
Call:
email: ezeran@...
BC-610 Model: BC-610I
Order Number: 18723-Phila-49
Manufacturer: Barker I Williamson
Serial Number: 164

--
? ?/// ? ? ?<N6WIG@...>
? ? | ?Collector of Military and Vintage
? ?/|\ ? ? commuications equipment.
? N6WIG ? ? ? ?San Jose

_____
Get your own FREE, personal Netscape Webmail account today at http://webmail.netscape.com/

# 858. 100TH on ebay

Yahoo group: T-368_BC-610
Date: 2001-04-16 04:21:31 UTC
From: Joel Cumberland
Topic: 858  Message: 858

$9.99 with a buy it now of $22.
http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1230537215

Joel n3eyr

# 859. Re: [T-368_BC-610] Big QSO on 40 tonight

Yahoo group: T-368_BC-610
Date: 2001-04-16 13:46:12 UTC
From: James M. Walker
Topic: 856  Message: 859

Hello Joe Et al,
Yes, quite a large turnout. I counted over 20 different stations. Folks were leaving and coming back to find the freq. still occupied and rejoining the fray. A great time was had by all. Should have been there.

Jim
WB2FCN

----- Original Message -----
From: Joe Foley <redmenaced@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Sunday, April 15, 2001 9:14 PM
Subject: [T-368_BC-610] Big QSO on 40 tonight

> They're talking about T-368 relays, one says, "You
> cant cut them open with a hacksaw!"
>
> AHHH! The cans can be unsoldered with a big iron,
> too, much less messy.
>
> This is a big QSO for so late in the evening.
>
> Joe
>
> _____
> Do You Yahoo!?
> Get email at your own domain with Yahoo! Mail.
> http://personal.mail.yahoo.com/
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

# 860. Found this in the AM Classifieds

Yahoo group: T-368_BC-610
Date: 2001-04-17 01:18:15 UTC
From: Joe Foley
Topic: 860  Message: 860

E-mail Bryan, not me!!

bc-610
I have a Hallicrafters BC-610 E transmitter,BC-614 E speech amp that I would like to sell.It isn't in working order but I think it is mostly complete.I'm located in Illinois and currently asking $800.00 for all. I have the original paperwork and schematic from it's 1946 sale by Henry Radio of Missouri cost was $613.95 dollars.The paperwork includes signed letters from Bob Henry .If anyone is interested e-mail me for details. rollins@...
Date=2001-03-25 Bryan, , rollins@...,
[Msgid=109358]

_____
Do You Yahoo!?
Get email at your own domain with Yahoo! Mail.
http://personal.mail.yahoo.com/

# 861. BC-610 Registry

Yahoo group: T-368_BC-610
Date: 2001-04-17 16:05:23 UTC
From: n6wig@netscape.net
Topic: 688  Message: 861

Here is the lastest updated BC-610 Resgistry. Let me know if I missed anything.

73's

Mike

BC-610 Registry:

First Name: Rick
Last Name: Blank
Call: KI5SL
email: rblank@...
BC-610 Model: BC-610I
Order Number: 19624-PHILA-50
Manufacturer: Barker and Williamson, Inc
Serial Number: 79

First Name: Mikhael
Last Name: Brown
Call: N6WIG
email: N6WIG@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Hallicrafters
Serial Number: 1242

First Name: John
Last Name: Burgwyn
Call: W4WAW
email: jburgwynjr@...
BC-610 Model: BC-610F
Order Number: 10970-PH-48-77
Manufacturer: David Bogen Co Inc
Serial Number: 247

First Name: Joel
Last Name: Cumberland
Call: N3EYR
email: joel@...
BC-610 Model: BC-610H
Order Number: 21418-Phila-50-7-C
Manufacturer: Hallicrafters
Serial Number: 497

First Name: Clay
Last Name: DeWitt
Call: N4QNX

email: n4qnx.aol.com
BC-610 Model: BC-610G
Order Number: July 1949
Manufacturer: Hallicrafters
Serial Number: 87

First Name: Jeff
Last Name: Edmonson
Call: W5OMR
email: w5omr@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Hallicrafters
Serial Number:

First Name: Mike
Last Name: Hardie
Call: VE7MMH
email: hardiem@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Hallicrafters
Serial Number: 435

First Name: Dan
Last Name: Harlan
Call: N8ETQ
email: dharlan@...
BC-610 Model: BC-610E
Order Number: 28934-PHILA-45-07
Manufacturer: Hallicrafters
Serial Number: 656

First Name: Ron
Last Name: Kresge
Call: W1ARS
email: brronk777@...
BC-610 Model: BC-610E
Order Number: 28934-PHILA-45-07
Manufacturer: Hallicrafters
Serial Number: 78

First Name: Rev Ronnie
Last Name: Parker
Call: N1UDI
email: n1udi19@...
BC-610 Model: BC-610F
Order Number: 10970-PH-48-77
Manufacturer: David Bogen Co,Inc. New
York,NY
Serial Number: 119

First Name: Gary
Last Name: Pewitt
Call: N9ZSV/AE
email: gpewitt@...
BC-610 Model: BC-610I
Order Number:
Manufacturer:
Serial Number:

First Name: Rolynn
Last Name: Prechtl
Call: K7DFW
email: k7dfw@...
BC-610 Model: BC-610G
Order Number: ' 49
Manufacturer: Hallicrafters
Serial Number: 141

First Name: Rolynn
Last Name: Prechtl
Call: K7DFW
email: k7dfw@...
BC-610 Model: BC-610F
Order Number: ' 48
Manufacturer: Bogen
Serial Number: 325

First Name: Bob
Last Name: Richmond
Call: W8MNQ
email: w8mnq@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Hallicrafters
Serial Number: 325

First Name: Bill
Last Name: Shaw
Call: W2HYN
email: w2hyn@...
BC-610 Model: BC-610E
Order Number:
Manufacturer:
Serial Number:

First Name: Theodore
Last Name: Stoner III
Call: WR4T
email: wr4t@...
BC-610 Model: BC-610E
Order Number: 28934-Phila-45-07
Manufacturer: Hallicrafters

Serial Number: 322

First Name: Jack
Last Name: Taylor
Call: N7OO
email: n7oo@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Halicrafters
Serial Number: 3223

First Name: Herb
Last Name: Ulrich
Call: K2JVM
email: k2jvm@...
BC-610 Model: BC-610I
Order Number: 3164-Phila-51-01-C
Manufacturer:
Serial Number: 39

First Name: Herb
Last Name: Ulrich
Call: K2JVM
email: k2jvm@...
BC-610 Model: BC-610E
Order Number: 18372-Phila-44
Manufacturer: Hallicrafters, Chicago, Ill.
Serial Number: 1211

First Name: Jim
Last Name: Walker
Call: WB2FCN
email: chejmw@...
BC-610 Model: BC-610I
Order Number:
Manufacturer:
Serial Number:

First Name: Jim
Last Name: Walker
Call: WB2FCN
email: chejmw@...
BC-610 Model: BC-610E
Order Number:
Manufacturer:
Serial Number:

First Name: Theodore
Last Name: Young
Call: W3PWW
email:
BC-610 Model: BC-610F

Order Number: 10970-PH-48-77
Manufacturer: David Bogen Co
Serial Number: 25

First Name: Ed
Last Name: Zeranski
Call:
email: ezeran@...
BC-610 Model: BC-610I
Order Number: 18723-Phila-49
Manufacturer: Barker I Williamson
Serial Number: 164

--
? ?/// ? ? ?<N6WIG@...>
? ? | ?Collector of Military and Vintage
? ?/|\ ? ? commuications equipment.
? N6WIG ? ? ? ?San Jose

_____
Get your own FREE, personal Netscape Webmail account today at http://webmail.netscape.com/

# 862. T-368 AND BC-610 For Sale!!!

Yahoo group: T-368_BC-610
Date: 2001-04-17 21:05:09 UTC
From: redmenaced@yahoo.com
Topic: 862  Message: 862

HEADS UP!!

COMING SOON!!

I asked KB8VVT if he'd consider selling his transmitters on this list INSTEAD of on E-bay and he said he would!!

So here's your chance, they're located in Pennsylvania. He's working on descriptions now and will let me know when its ready.

Joe

# 863. Re: [T-368_BC-610] T-368 AND BC-610 For Sale!!!

Yahoo group: T-368_BC-610
Date: 2001-04-17 22:43:22 UTC
From: W2ZR@aol.com
Topic: 862  Message: 863

In a message dated 4/17/2001 5:07:56 PM Eastern Daylight Time,
redmenaced@... writes:

> I asked KB8VVT if he'd consider selling his transmitters on this list
> INSTEAD of on E-bay and he said he would!!
>

Way to go Joe!

73,
Steve W2ZR

[Non-text portions of this message have been removed]

# 864. MD-239 modulator on eBay

Yahoo group: T-368_BC-610
Date: 2001-04-19 10:59:20 UTC
From: plmills@attglobal.net
Topic: 864  Message: 864

For those who need one to complete their T-368 station,
this one currently is offered at $9.95 and has no bids
yet.

#1134029668

73, Phil
W5BVB

# 865. Re: [T-368_BC-610] T-368 VFO FREQ.SHIFT

Yahoo group: T-368_BC-610
Date: 2001-04-20 19:14:19 UTC
From: Gene Beckwith
Topic: 843  Message: 865

Roy, Not had that specific problem with the T-3, but freq hope has been solved here in other cricumstances with tube replacement...not sure why it happens, but wonder if u tried a tube sub in the vfo ... ? Will be interested in your final solution... good luck and good hunting, 73, Gene Roy Longworth wrote: > Has anyone had to find the problem of VFO jumping freq ,mainly when the unit is modulated? mine sems to jump as much as several hundred hertz.. > I have metered the 110volt input and the supply goes from 122 volts to 118 when fully loaded. > Roy w9qm

Get your FREE download of MSN Explorer at http://explorer.msn.com

> > [Non-text portions of this message have been removed] > > > > > Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 866. TV-10D/U Nice one, too

Yahoo group: T-368_BC-610
Date: 2001-04-24 03:28:59 UTC
From: Joe Foley
Topic: 866  Message: 866

You know where:

item=1232387836

---
Do You Yahoo!?
Yahoo! Auctions - buy the things you want at great prices
http://auctions.yahoo.com/

# 867. BC-614 Speech Amp on E-bay

Yahoo group: T-368_BC-610
Date: 2001-04-25 00:20:06 UTC
From: Joe Foley
Topic: 867  Message: 867

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1232343255

_____
Do You Yahoo!?
Yahoo! Auctions - buy the things you want at great prices
http://auctions.yahoo.com/

# 868. Re: [R-390] TV-10D/U Nice one, too

Yahoo group: T-368_BC-610
Date: 2001-04-25 01:07:44 UTC
From: Tom Nicholson
Topic: 868  Message: 868

Joe,

With, I think, 4 days left and it's at $200 + so I think
this one is going to be out of my price range! [:-)

Tom Nicholson

Joe Foley wrote:

> You know where:
>
> item=1232387836
>
> _____________________________________________
> Do You Yahoo!?
> Yahoo! Auctions - buy the things you want at great prices
> http://auctions.yahoo.com/
> ----
> Visit www.qth.net to subscribe/unsubscribe OR
> send mail to majordomo@...
> with the BODY of the message containing:
> unsubscribe r-390

# 869. T-368 parts being auctioned

Yahoo group: T-368_BC-610
Date: 2001-04-27 18:16:06 UTC
From: W2ZR@aol.com
Topic: 869  Message: 869

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1233492700

Hi Gang,
I found some parts for a T-368 being auctioned off, in case anyone
needs them.

73,
Steve W2ZR

[Non-text portions of this message have been removed]

# 870. Re: [T-368_BC-610] T-368 parts being auctioned

Yahoo group: T-368_BC-610
Date: 2001-04-27 20:23:02 UTC
From: Joe Foley
Topic: 869  Message: 870

You missed this one!

Its got the An/GRC-26D in it.

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1232589924

--- W2ZR@... wrote:
>
http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1233492700
>
> Hi Gang,
> I found some parts for a T-368 being
> auctioned off, in case anyone
> needs them.
>
> 73,
> Steve W2ZR
>
>
> [Non-text portions of this message have been
> removed]
>
>

---
Do You Yahoo!?
Yahoo! Auctions - buy the things you want at great prices
http://auctions.yahoo.com/

# 871. FOR SALE T-368F

Yahoo group: T-368_BC-610
Date: 2001-04-29 04:06:43 UTC
From: Joe Foley
Topic: 871  Message: 871

--- herschel p mccullough <w5hpm@...> wrote:
> For sale very late T-368f xmitter with shock base,
> castors, FSK modulation
> unit, wattmeter, " T " wrench calibration book and
> all Army manuals, good
> to excellent condition, complete with all modules,
> tubes, and hand mic's..
> Best Offers please, might deliver to Dayton ..thanx
> mac/mc

_____
Do You Yahoo!?
Yahoo! Auctions - buy the things you want at great prices
http://auctions.yahoo.com/

# 872. Sounding test

Yahoo group: T-368_BC-610
Date: 2001-05-04 15:59:16 UTC
From: James M. Walker
Topic: 872  Message: 872

Ping, Ping, Ping

This Station will be on 7290 AM running a BC-610(I) and 14085 RTTY running a T-368 Saturday and Sunday May 5/6. Come on down.

Jim
WB2FCN AM/CW

# 873. T-368 Registry 5/5/01

Yahoo group: T-368_BC-610
Date: 2001-05-05 16:48:14 UTC
From: W2ZR@aol.com
Topic: 873  Message: 873

W2ZR  w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI  redmenaced@...
Bendix T-368 E #160
contract  3219-PP-59

WF2U  mbendror@...
B&W T-368E #628
contract  15117-PP-62

W8KXR  jtone@...
B&W T-368C  #216
contract  43056-P-55

Bendix T-368C  #209
contract  3219-PP-59

W4WSZ  bobm@...
Stromberg-Carlson T-368D #161

KF2JQ  jprusso@...
(awaiting details)

WB3FAU  wb3fau@hotmail.com
Oneida T-368F  #192
contract  15498-PP-63

KA3OTT  kazott@juno.com
B&W T-368C  #018
contract  43056-P-56

KW1I  Dale.Gagnon@compaq.com
AMF T-368A  #62
contract 25209-PHILA-54

W3NP  daveh@hereintown.net
B&W T-368E  #575
contract 15117-PP-62

KD1YT  tlewis@primmer.com
B&W  T-368E  #27
contract  15117-PP-62
overhauled at Pirmasens Army Depot

KX4R  kx4rgc@...
Crosley  T-368C  #560
contract  21316-PH-56

WB6DXR  lesterw@...
B&W  T-368  #18
contract  25633-Phila-53

W2HU  reid.j.hagan@...
T-368  #138
(awaiting details)

W7QHO  w7qho@...
B&W  T-368  #129
contract  25633-PHILA-53

Crosley  T-368C  #237
contract  28459-PH-55

K2AUS  w.d.gallagher@...
TRW  T-368F #303
contract  14527(E)

N4FS  n4fs@...
TRW  T-368F  #261
contract  14527(E)

WA1QHQ  mark.donaldson@...
B&W T-368  #32
contract  25070-Phila-54

AE4IN  ae4in@...
Daystrom T-368C  #46
contract  28597-Phil-55

W5BVB  plmills@attglobal.net
Oneida  T-368F  #19
contract  15498-PP-63

N4KIA  pradams@bellsouth.net
Crosley  T-368C  #275
contract  28459-PH-55

N2BC  n2bc@...
T-368C

K4BVQ  PHollifield@...
Bendix  T-368E  #118
contract  3219-PP-59
overhauled at Pirmasens Army Depot

KF4TP  olaf@...
TRW  T-368F  #190
contract 14527(E)

KE7KK  ke7kk@...
Stromber-Carlson T-368D  #33
contract #39692-PP-58

W9QM  r_longworth@...
Oneida T-368F  #149
contract 15498-PP-63

K9RJ  jandrjor@...
Stromberg-Carlson  T-368D  #55

WA6IUR  fly n ham@...
TRW  T-368F  #2
contract 14527(E)

W4TDC  WA4TDC@...
Crosley  T-368C #364
contract  28459-PH-55

K9XH  jleer@...
TRW  T-368F  #238
contract  14527(E)
overhauled at Pirmasens Army Depot

WA4KCY  sweetbay@...
TRW  T-368F  #358
contract  14527(E)

Tom Leiper (no call yet)  twleiper@juno.com
Ecco Electronic Components T-368F  #76
contract  DAAB05-67-C0022

K0WRX  PLCullum1823@...
B&W  T-368C  #305
contract  43056-P-56

W1ZD  w1nml@...
TRW  T-368F  #64
contract 14527(E)

K8OF  hamalot@...
T-368C
GDP 2/67

WB2FCN  chejmw@...u
Oneida  T-368F  #59
contract  15498-PP-63

WB6ACU  WB6ACU@...m
B&W T-368C  #285
contract  43056-P-56
overhauled at Pirmasens Army Depot

KD3FA  billn@...
B&W T-368E  #541
contract  11517-PP-62

W3TOY  wa3toj@...
B&W T-368  #13
contract  3472-Phila-52

B&W T-368E  #206
contract 15117-PP-62

W3PWW  (no email)
Crosley T-368C  #211
contract  28459-PH-55

W2HER bobziolk@...
Bendix T-368E #152
contract 3219-PP-59

[Non-text portions of this message have been removed]

# 874. Vac Variable for T-368 on eBay

Yahoo group: T-368_BC-610
Date: 2001-05-06 12:39:44 UTC
From: W2ZR@aol.com
Topic: 874  Message: 874

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1235477615

[Non-text portions of this message have been removed]

# 875. Re: [T-368_BC-610] Vac Variable for T-368 on eBay

Yahoo group: T-368_BC-610
Date: 2001-05-06 16:53:03 UTC
From: Joe Foley
Topic: 874  Message: 875

You missed one, Steve!

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1235480666

--- W2ZR@... wrote:
>
http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1235477615
>
>
> [Non-text portions of this message have been
> removed]
>
>

_____
Do You Yahoo!?
Yahoo! Auctions - buy the things you want at great prices
http://auctions.yahoo.com/

# 876. Re: [T-368_BC-610] Vac Variable for T-368 on eBay

Yahoo group: T-368_BC-610
Date: 2001-05-06 22:17:23 UTC
From: Robert Moody
Topic: 874  Message: 876

Is anyone else getting this posting about every five or six minutes??????

Bob
----- Original Message -----
From: "Joe Foley" <redmenaced@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Sunday, May 06, 2001 12:53 PM
Subject: Re: [T-368_BC-610] Vac Variable for T-368 on eBay

> You missed one, Steve!
>
> http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1235480666
>
>
>
>
> --- W2ZR@... wrote:
> >
> http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1235477615
> >
> >
> > [Non-text portions of this message have been
> > removed]
> >
> >
>
>
> _____
> Do You Yahoo!?
> Yahoo! Auctions - buy the things you want at great prices
> http://auctions.yahoo.com/
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>
>

# 877. Fw: [T-368_BC-610] Vac Variable for T-368 on eBay

Yahoo group: T-368_BC-610
Date: 2001-05-06 22:19:09 UTC
From: Joel Cumberland
Topic: 877  Message: 877

I'm getting them too.

Joel n3eyr

----- Original Message -----
From: Robert Moody <bobm@...>
To: <T-368_BC-610@yahoogroups.com>; Joe Foley <redmenaced@...>
Sent: Sunday, May 06, 2001 6:17 PM
Subject: Re: [T-368_BC-610] Vac Variable for T-368 on eBay

> Is anyone else getting this posting about every five or six minutes??????
>
> Bob
> ----- Original Message -----
> From: "Joe Foley" <redmenaced@...>
> To: <T-368_BC-610@yahoogroups.com>
> Sent: Sunday, May 06, 2001 12:53 PM
> Subject: Re: [T-368_BC-610] Vac Variable for T-368 on eBay
>
>
> > You missed one, Steve!
> >
> > http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1235480666
> >
> >
> >
> >
> > --- W2ZR@... wrote:
> > >
> > http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1235477615
> > >
> > >
> > > [Non-text portions of this message have been
> > > removed]
> > >
> > >
> >
> >
> > _____
> > Do You Yahoo!?
> > Yahoo! Auctions - buy the things you want at great prices
> > http://auctions.yahoo.com/
> >
> >
> >
> > Your use of Yahoo! Groups is subject to

http://docs.yahoo.com/info/terms/
> >
> >
> >
> >
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

# 878. Re: Fw: [T-368_BC-610] Vac Variable for T-368 on eBay

Yahoo group: T-368_BC-610
Date: 2001-05-06 22:32:11 UTC
From: W2ZR@aol.com
Topic: 877  Message: 878

In a message dated 5/6/2001 6:24:16 PM Eastern Daylight Time, joel@...
writes:

> I'm getting them too.
>
> Joel n3eyr
>
> ----- Original Message -----
> From: Robert Moody <bobm@...>
> To: <T-368_BC-610@yahoogroups.com>; Joe Foley <redmenaced@...>
> Sent: Sunday, May 06, 2001 6:17 PM
> Subject: Re: [T-368_BC-610] Vac Variable for T-368 on eBay
>
>
> > Is anyone else getting this posting about every five or six minutes??????
> >
> > Bob
>

Not only am I not getting the posting multiple times, I never received Bob's
posting, only Joel's which contained Bob's!

73,
Steve W2ZR

[Non-text portions of this message have been removed]

# 879. Re: [T-368_BC-610] Vac Variable for T-368 on eBay

Yahoo group: T-368_BC-610
Date: 2001-05-07 01:04:35 UTC
From: Jack Taylor
Topic: 874  Message: 879

Me too. Maybe Joe is trying to get Steve's attention?

73 de Jack

----- Original Message -----
From: "Robert Moody" <bobm@...>
To: <T-368_BC-610@yahoogroups.com>; "Joe Foley" <redmenaced@...>
Sent: Sunday, May 06, 2001 3:17 PM
Subject: Re: [T-368_BC-610] Vac Variable for T-368 on eBay

> Is anyone else getting this posting about every five or six minutes??????
>
> Bob
> ----- Original Message -----
> From: "Joe Foley" <redmenaced@...>
> To: <T-368_BC-610@yahoogroups.com>
> Sent: Sunday, May 06, 2001 12:53 PM
> Subject: Re: [T-368_BC-610] Vac Variable for T-368 on eBay
>
>
> > You missed one, Steve!
> >
> > http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1235480666
> >
> >
> >
> >
> > --- W2ZR@... wrote:
> > >
> > http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1235477615
> > >
> > >
> > > [Non-text portions of this message have been
> > > removed]
> > >
> > >
> >
> >
> > _____
> > Do You Yahoo!?
> > Yahoo! Auctions - buy the things you want at great prices
> > http://auctions.yahoo.com/
> >
> >
> >
> > Your use of Yahoo! Groups is subject to

http://docs.yahoo.com/info/terms/
> >
> >
> >
> >
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 880. Multi-messages

Yahoo group: T-368_BC-610
Date: 2001-05-07 03:05:52 UTC
From: Bill Coleman N2BC
Topic: 880  Message: 880

Seems YAHOO has a problem. I see the same complaints on another YAHOO group.

73 all!
* * * * * * * * * * * * * * * * * *
Bill Coleman N2BC
http://home.stny.rr.com

# 881. Re: [T-368_BC-610] Multi-messages

Yahoo group: T-368_BC-610
Date: 2001-05-07 10:30:32 UTC
From: W2ZR@aol.com
Topic: 880  Message: 881

In a message dated 5/6/2001 11:07:01 PM Eastern Daylight Time,
n2bc@... writes:

> Seems YAHOO has a problem. I see the same complaints on another YAHOO
> group.
>

How come only some subscribers got the multiple messages?

73,
Steve W2ZR

[Non-text portions of this message have been removed]

# 882. Re: [T-368_BC-610] Multi-messages

Yahoo group: T-368_BC-610
Date: 2001-05-07 13:52:32 UTC
From: Jeff/W5OMR
Topic: 880  Message: 882

Good question. I never saw the duplicates here.

73 = Best Regards,
-=Jeff/W5OMR=-

----- Original Message -----
From: W2ZR@...
To: n2bc@... ; T-368_BC-610@yahoogroups.com
Sent: Monday, May 07, 2001 5:30 AM
Subject: Re: [T-368_BC-610] Multi-messages

In a message dated 5/6/2001 11:07:01 PM Eastern Daylight Time,
n2bc@... writes:

> Seems YAHOO has a problem. I see the same complaints on another YAHOO
> group.
>

How come only some subscribers got the multiple messages?

73,
Steve W2ZR

[Non-text portions of this message have been removed]

Yahoo! Groups Sponsor

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 883. Binghampton Hamfest!!

Yahoo group: T-368_BC-610
Date: 2001-05-08 01:19:41 UTC
From: Joe Foley
Topic: 883  Message: 883

Yeah!

I finally got to go to a hamfest!

This one is a small one but that's good.

Very friendly group, good selection of stuff, bought TUBES! 4-125's. One good, one weak, one dud. Oh, well.

Two 3B28's for $2 each, test good on the TV-10, message on the side of the box said "suspected of arcing" in 1970, probably not good.

Kicking myself for not letting the SP-600 in the truck, it wanted $50 and needed lots of work. Oh, well.

Met N2BC, Bill, had a good long conversation with him and others that I hadn't met before. An ME-165 dummy load/wattmeter leaped out of my truck and into his waiting arms. Word has it that its in a new home where its appreciated, ... and already put to work!

Great weather, nice location, definately one to plan for next year. The turnout was low because of the threat of rain in the morning, but I got there at 11:00 and it couldn't have been a better day.

Joe

_____
Do You Yahoo!?
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http://auctions.yahoo.com/

# 884. Dayton space list

Yahoo group: T-368_BC-610
Date: 2001-05-08 15:31:20 UTC
From: Mark Foltarz
Topic: 884  Message: 884

Who ever is going to Dayton how about replying to the
group where you will be at. This will be a good way to
put faces with some of the names on the list.

Mark Foltarz
KA4JVY
Space 340

_____
Do You Yahoo!?
Yahoo! Auctions - buy the things you want at great prices
http://auctions.yahoo.com/

# 885. T-368 Front panel bolts on Ebay

Yahoo group: T-368_BC-610
Date: 2001-05-08 01:06:42 UTC
From: Joe Foley
Topic: 885  Message: 885

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1235278786

_____
Do You Yahoo!?
Yahoo! Auctions - buy the things you want at great prices
http://auctions.yahoo.com/

# 886. Yahoo maintenance!

Yahoo group: T-368_BC-610
Date: 2001-05-08 01:34:07 UTC
From: Joe Foley
Topic: 886  Message: 886

The Yahoo Groups site has a notice that they are doing
routine maintenance on the lists.

I think they have a problem....

This MIGHT be the problem with the duplicate posts.

Joe

---
Do You Yahoo!?
Yahoo! Auctions - buy the things you want at great prices
http://auctions.yahoo.com/

# 887. Re: [T-368_BC-610] T-368 Front panel bolts on Ebay

Yahoo group: T-368_BC-610
Date: 2001-05-08 21:09:40 UTC
From: w7qho@aol.com
Topic: 885  Message: 887

FB. Now, does anybody know a source for those captive nuts on the cabinet side???

Dennis D. W7QHO

# 888. Found the problem with the list

Yahoo group: T-368_BC-610
Date: 2001-05-09 00:17:04 UTC
From: Joe Foley
Topic: 888  Message: 888

http://www.worldnetdaily.com/frame/direct.asp?SITE=dailynews.yahoo.com/h/cn/20010507/tc/blackout_dims_yahoo_services_1.html

_____
Do You Yahoo!?
Yahoo! Auctions - buy the things you want at great prices
http://auctions.yahoo.com/

# 889. Nuts for front panels of the T-368

Yahoo group: T-368_BC-610
Date: 2001-05-09 01:10:29 UTC
From: Joe Foley
Topic: 889  Message: 889

http://www.stafast.com/products/springsteel.html

Now we just have to find out what their minimum order is.

_____
Do You Yahoo!?
Yahoo! Auctions - buy the things you want at great prices
http://auctions.yahoo.com/

# 890. Re: BC-610 E

Yahoo group: T-368_BC-610
Date: 2001-05-10 22:52:43 UTC
From: Joe Foley
Topic: 890  Message: 890

```
--- keith tucker <ketker@...> wrote:
> Hello
>
> I am glad to know of others that have 610. I got
> mine about a year ago it was Roger Frith N4IBF
> BC-610
> it is in good shape. I did not buy the collins
> exciter
> that He used I have built My Own it covers 160M
> through 20M and now have all tuning units. Am
> looking
> forward to some serious rag chewing with other 610
> owners.
>
> Keith E. Tucker WA9CUE 73

_____________________________________________
Do You Yahoo!?
Yahoo! Auctions - buy the things you want at great prices
http://auctions.yahoo.com/
```

# 891. Re: Pending sale of T-368

Yahoo group: T-368_BC-610
Date: 2001-05-11 02:10:09 UTC
From: Joe Foley
Topic: 891  Message: 891

Here you go guys!

Have fun with it.

--- James Arnold <kb8vvt@...> wrote:
> Joe,
>
> Please place the
> T-368, antenna tuner, watt meter and the BC-610 on
> your list. I would
> like to have $2000.00 for everything. I'll
> entertain offers for the
> items separately but I'd prefer to sell for one
> money. If I haven't
> received any serious interest by this Saturday
> evening I'm going to list
> them on ebay.
>
> Thanks again for your help,
>
> Jim Arnold KB8VVT
>
> P.S. Feel free to list my phone and address
>
>
>

---------------------------------------------------
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# 892. BC-610 for sale (I'm copying this from another web site)

Yahoo group: T-368_BC-610
Date: 2001-05-11 14:56:52 UTC
From: W2ZR@aol.com
Topic: 892  Message: 892

bc-610 I have a Hallicrafters BC-610 E transmitter,BC-614 E speech amp that I would like to sell.It isn't in working order but I think it is mostly complete.I'm located in Illinois and currently asking $800.00 for all. I have the original paperwork and schematic from it's 1946 sale by Henry Radio of Missouri cost was $613.95 dollars.The paperwork includes signed letters from Bob Henry .If anyone is interested e-mail me for details. rollins@winco.net Date=2001-03-25 Bryan, , rollins@..., [Msgid=109358] [Non-text portions of this message have been removed]

# 893. Re: Welcome to T-368_BC-610

Yahoo group: T-368_BC-610
Date: 2001-05-15 00:25:35 UTC
From: Joe Foley
Topic: 893  Message: 893

For the new guys:

Posts to the list go to this URL:

T-368_BC-610@yahoogroups.com

Posts to me ONLY, the owner of the list, go to this
URL:

T-368_BC-610owner@...

So, I suspect that the following was meant for the
list.

Anyone have any suggestions for a T-368/BC-610 net?

What night and freq should we have it on?

Should it be a monthly thing, maybe ever third
Wednesday night on 3.885 MHz. That would mean there
would be TWO AM nets per month on 80 mtrs. The CCA
First Wednesday Net, then two weeks later would be the
T-368/BC-610 net.

Joe

--- Aa9wqham@... wrote:
> Thank you for adding me to your list. I own a T-368.
> I love it and would like
> to have contacts with others that do. I don't get to
> get it on the air as
> much as I like but it is awesome when I do. I
> restored it over the winter. It
> is nearly flawless in looks,and is in perfect
> working order and nearly stock
> except for a few audio amp mods I made. I am in the
> 2-way radio business. I
> am a tech, so restoring it was a neet project.
> I would love to find a net that regularly meet of
> T-3's and 610's. Thanks
> once again.
> 73's
> Larry "AA9WQ"
>

_____
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# 894. Re: [T-368_BC-610] Re: Welcome to T-368_BC-610

Yahoo group: T-368_BC-610
Date: 2001-05-15 14:40:20 UTC
From: brronk777@aol.com
Topic: 893  Message: 894

In a message dated 5/14/01 8:27:17 PM EDT, redmenaced@... writes:

<< Anyone have any suggestions for a T-368/BC-610 net?

What night and FREQ should we have it on?

Hi, Joe,

I'd like to see the net on the Wednesday night you suggest, however, I would prefer it to be an open net EVERY Wednesday night, so that guys who couldn't make it on one night might be able to make it on another. It would be nice to be able to contact other owners and aficionados ANY Wednesday night of the month. That way I wouldn't need to wait a whole month to talk to someone if I should miss the one day of the month it is scheduled for.

73, Ron K -- W1ARS PS What happened to RedMenace??????

<< Should it be a monthly thing, maybe ever third
Wednesday night on 3.885 MHz. That would mean there
would be TWO AM nets per month on 80 mtrs. The CCA
First Wednesday Net, then two weeks later would be the
T-368/BC-610 net.

Joe
>>

# 895. t-3 & bc610 net..

Yahoo group: T-368_BC-610
Date: 2001-05-16 00:11:16 UTC
From: aa9wqham@aol.com
Topic: 895  Message: 895

I think Wednesday would be great. I don't know that every Wednesday night would work. We could try if the frequency is open. If someone wants to come up with a date. Maybe 5-23 would be nice. around 8-8:30 pm central time. I am in South Bend Indiana. If this works post your resopnce and your location so maybe we can get a ideal of the locations of all and how many ar going to be involved.
73's
Larry "AA9WQ"

# 896. Re: [MilSurplus] R-390/URR AC Plug

Yahoo group: T-368_BC-610
Date: 2001-05-16 14:46:55 UTC
From: Joe Foley
Topic: 896  Message: 896

--- "ROBERT W. DOWNS" <RWDowns_WA5CAB@...>
wrote:
> Message text written by Joe Foley
> >How much do you want for the T-368 plugs?
>
> Got anymore T-368 parts?
> <
>
> Joe,
>
> The 9-pin right-angle male plugs are $12.50 plus
> PriMail. If you live in
> Texas, add 8.25% sales tax.
>
> Never had a T-368 itself. Lon Cottingham, K5JV, has
> or has had several.
> Don't know whether he has any parts units, though.
>
> I do have the T-368 manuals in my collection, but
> the only one that I have
> extras of is the -10 Operator's manual. I also have
> the -20, -20P and -35
> (but not -35P) and several MWO's but have never
> reprinted them.
>
> 73,
> Robert Downs
> <RWDowns_WA5CAB@...>
> Houston

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# 897. Hey, that'll come in handy!

Yahoo group: T-368_BC-610
Date: 2001-05-19 00:09:01 UTC
From: Joe Foley
Topic: 897  Message: 897

(From the "Barn"):

What to do with a 5 volt 36 amp Sorensen power supply?

Hmm,..... a little ductwork, a muffin fan, a volt meter, and some sockets for 4-125's/4-400's and I've got a nice way to warm them up for a long period of time, days. They need that if they've been dormant for years.

With a 36 amp output I can do 5 - 4-125's @ 6.5 amps each, or 2 - 4-400's @ 14 amps each.

Any good ideas? Hey,..... there's a nice DC ammeter, too.....

73

Joe

---
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# 898. T-368/BC-610 Net Night?

Yahoo group: T-368_BC-610
Date: 2001-05-21 00:48:43 UTC
From: Joe Foley
Topic: 898  Message: 898

Anyone have any further considerations for Wednesday
the 23rd?

3.885 MHz. Is that Ok with everyone? That's the only
antenna I have up at the time.

73

Joe

_____
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# 899. T-368/BC-610 Net Night,..... or not

Yahoo group: T-368_BC-610
Date: 2001-05-24 01:14:31 UTC
From: Joe Foley
Topic: 899  Message: 899

Its really busy on 3.885 MHz tonight, there are four
QSO's going on and I don't want to bother either one
of them,..... some are quite interesting. We'll
try it some other time.

Any suggestions?

Joe KG2CI

_____
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# 900. net night..

Yahoo group: T-368_BC-610
Date: 2001-05-24 04:34:32 UTC
From: aa9wqham@aol.com
Topic: 900  Message: 900

I was on from about 7 till 11 tonite. I just cleared with k8atv a fellow t-368 owner on 3.885. I can only hope my t-3 sounds as good as his. I listened off and on 3.885 didn't here anyone there so i joined a conversation on 3.880 and monitored 3.885. I had a blast tonite and wish I could have caught up with some of you. Lets keep trying. Any other night besides wednesday would be fine with be. buy the way... the t-3 ran great tonite. It hasn't been used this much since it was in military service. No problems at all. I hope to get on the air at least a few nights a week. Look for me around 3.885 and 3.880.
Larry "AA9WQ"

# 901. Hello T-368_BC-610 group

Yahoo group: T-368_BC-610
Date: 2001-05-27 02:28:15 UTC
From: Louis G Algieri
Topic: 901  Message: 901

Hello,

My name is Greg WA1JXR

Just picked up a BC-610-H and a BC-614-H.

Plan to start restoring it soon and getting it on the air.

One thing I need is it is missing the PLATE ma meter.

Any one have any suggestions where to get a replacement?

Look forward to learning from people in the group and hopefully getting on the 368/610 night on 3885.

73's Greg.

# 902. Net night and registries

Yahoo group: T-368_BC-610
Date: 2001-05-27 02:53:24 UTC
From: Joe Foley
Topic: 902  Message: 902

I have one request to have the net on a night other
than Wednesday,.......... any suggestions?

Also, could we have the registries posted, the new
guys haven't seen them yet.

Thanks,

Joe KG2CI

_____
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# 903. Re: [T-368_BC-610] Hello T-368_BC-610 group

Yahoo group: T-368_BC-610
Date: 2001-05-27 06:11:38 UTC
From: Joe Foley
Topic: 901  Message: 903

Here's another one for the BC-610 registry!

--- Louis G Algieri <wa1jxr@...> wrote:
>
> BC-610 - s/n 503 Hallicrafters
>
> BC-614 - s/n 392 Barker & Williamson
>
> Greg
>
> > Hi Greg,
> >
> > Add your serial number and manufacturer's name if
> its
> > on the tag.
> >
> >
:
> > > Hello,
> > >
> > > My name is Greg WA1JXR
> > >
> > > Just picked up a BC-610-H and a BC-614-H.
> > >
> > > Plan to start restoring it soon and getting it
> on
> > > the air.
> > >
> > > One thing I need is it is missing the PLATE ma
> > > meter.
> > >
> > > Any one have any suggestions where to get a
> > > replacement?
> > >
> > > Look forward to learning from people in the
> group
> > > and hopefully getting
> > > on the 368/610 night on 3885.
> > >
> > > 73's Greg.

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# 904. Saturday night contacts.

Yahoo group: T-368_BC-610
Date: 2001-05-27 22:20:10 UTC
From: aa9wqham@aol.com
Topic: 904  Message: 904

What a fun night. a few of us actualy got to meet on the air. I really enjoyed it. But the T-3 didn't. The Last few nights I have had a problem with tripping the overload curuit and I found out why this morning. I found 2 burnt insulators, one on the power supply deck and one one the rf deck. I suspect that someone in the past swapped them around when they had a problem, instead of replacing them. I think I have found a few to replace them. It will take a few days to get them so I am down for the moment. But I should be back by the end of the week. talk to you all soon.. 73's for now....
Larry AA9WQ

# 905. Re: [T-368_BC-610] Saturday night contacts.

Yahoo group: T-368_BC-610
Date: 2001-05-27 23:08:37 UTC
From: Joe Foley
Topic: 904  Message: 905

Is this a good time to suggest a yearly cleaning of
the HV insulators?

One might want to look for small cracks in the HV
wiring on the Power Supply Deck, too. I'm not
impressed with the insulation on that wiring, mine
gave up with no sign of arcing or burns, tough to
find. Again, I suggest that the cleaning is a good
time to check for other problems, too.

Gives one an oportunity to do a close visual check.

Had a good QSO with Larry (AA9WQ), Russ (WB3FAU), and
Bill (W8VYZ). Russ wasn't at his T-3 and so was
difficult to hear. Conditions were: heavy lightning
crashes but we perservered. After 1:00 AM things got
quiet but there was no one left to answer my CQ!

Joe

--- aa9wqham@... wrote:
> What a fun night. a few of us actualy got to meet on
> the air. I
> really enjoyed it. But the T-3 didn't. The Last few
> nights I have had
> a problem with tripping the overload curuit and I
> found out why this
> morning. I found 2 burnt insulators, one on the
> power supply deck and
> one one the rf deck. I suspect that someone in the
> past swapped them
> around when they had a problem, instead of replacing
> them. I think I
> have found a few to replace them. It will take a few
> days to get them
> so I am down for the moment. But I should be back by
> the end of the
> week. talk to you all soon.. 73's for now....
> Larry AA9WQ
>
>

---
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# 906. T-368 Registry

Yahoo group: T-368_BC-610
Date: 2001-05-27 23:15:27 UTC
From: W2ZR@aol.com
Topic: 616  Message: 906

W2ZR  w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI  redmenaced@...
Bendix T-368 E #160
contract  3219-PP-59

WF2U  mbendror@...
B&W T-368E #628
contract  15117-PP-62

W8KXR  jtone@...
B&W T-368C  #216
contract  43056-P-55

Bendix T-368C  #209
contract  3219-PP-59

W4WSZ  bobm@...
Stromberg-Carlson T-368D #161

KF2JQ  jprusso@...
(awaiting details)

WB3FAU  wb3fau@hotmail.com
Oneida T-368F  #192
contract  15498-PP-63

KA3OTT  kazott@juno.com
B&W T-368C  #018
contract  43056-P-56

KW1I  Dale.Gagnon@compaq.com
AMF T-368A  #62
contract 25209-PHILA-54

W3NP  daveh@hereintown.net
B&W T-368E  #575
contract 15117-PP-62

KD1YT  tlewis@primmer.com
B&W  T-368E  #27
contract  15117-PP-62
overhauled at Pirmasens Army Depot

KX4R  kx4rgc@...
Crosley  T-368C  #560
contract  21316-PH-56

WB6DXR  lesterw@...
B&W  T-368  #18
contract  25633-Phila-53

W2HU  reid.j.hagan@...
T-368  #138
(awaiting details)

W7QHO  w7qho@...
B&W  T-368  #129
contract  25633-PHILA-53

Crosley  T-368C  #237
contract  28459-PH-55

K2AUS  w.d.gallagher@...
TRW  T-368F #303
contract  14527(E)

N4FS  n4fs@...
TRW  T-368F  #261
contract  14527(E)

WA1QHQ  mark.donaldson@...
B&W T-368  #32
contract  25070-Phila-54

AE4IN  ae4in@...
Daystrom T-368C  #46
contract  28597-Phil-55

W5BVB  plmills@attglobal.net
Oneida  T-368F  #19
contract  15498-PP-63

N4KIA  pradams@bellsouth.net
Crosley  T-368C  #275
contract  28459-PH-55

N2BC  n2bc@...
T-368C

K4BVQ  PHollifield@...
Bendix  T-368E  #118
contract  3219-PP-59
overhauled at Pirmasens Army Depot

KF4TP  olaf@...
TRW  T-368F  #190
contract 14527(E)

KE7KK  ke7kk@...
Stromber-Carlson T-368D  #33
contract #39692-PP-58

W9QM  r_longworth@...
Oneida T-368F  #149
contract 15498-PP-63

K9RJ  jandrjor@...
Stromberg-Carlson  T-368D  #55

WA6IUR  fly n ham@...
TRW  T-368F  #2
contract 14527(E)

W4TDC  WA4TDC@...
Crosley  T-368C #364
contract  28459-PH-55

K9XH  jleer@...
TRW  T-368F  #238
contract  14527(E)
overhauled at Pirmasens Army Depot

WA4KCY  sweetbay@...
TRW  T-368F  #358
contract  14527(E)

Tom Leiper (no call yet)  twleiper@juno.com
Ecco Electronic Components T-368F  #76
contract  DAAB05-67-C0022

K0WRX  PLCullum1823@...
B&W  T-368C  #305
contract  43056-P-56

W1ZD  w1nml@...
TRW  T-368F  #64
contract 14527(E)

K8OF  hamalot@...
T-368C
GDP 2/67

WB2FCN  chejmw@...u
Oneida  T-368F  #59
contract  15498-PP-63

WB6ACU  WB6ACU@...m
B&W T-368C  #285
contract  43056-P-56
overhauled at Pirmasens Army Depot

KD3FA  billn@...
B&W T-368E  #541
contract  11517-PP-62

W3TOY  wa3toj@...
B&W T-368  #13
contract  3472-Phila-52

B&W T-368E  #206
contract 15117-PP-62

W3PWW  (no email)
Crosley T-368C  #211
contract  28459-PH-55

W2HER  bobziolk@...
Bendix T-368E  #152
contract  3219-PP-59

[Non-text portions of this message have been removed]

# 907. BC-614D on E-bay

Yahoo group: T-368_BC-610
Date: 2001-05-28 03:08:04 UTC
From: Joe Foley
Topic: 907  Message: 907

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1240313302

_____
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http://auctions.yahoo.com/

# 908. Hardware Supplier

Yahoo group: T-368_BC-610
Date: 2001-05-31 17:18:24 UTC
From: Hagan, Reid J
Topic: 908  Message: 908

In my search to find specific hardware for various radio projects, I discovered the "Nutty Company Online Fastener Store", which offers a very wide variety of hardware and related goodies that is well worth a look. I found prices to be quite reasonable also. I had been looking for 6-32 X 1/4" slotted pan head screws, as used on Drake cabinets, which weren't readily available at normal hardware stores in New Jersey (only "round head") . "Nutty" had them in stock at $1.46 per 100.

Reid, W2HU

They can be viewed at:

http://www.nutty.com/index.html

# 909. Re: [T-368_BC-610] Hardware Supplier

Yahoo group: T-368_BC-610
Date: 2001-05-31 23:16:50 UTC
From: Joe Foley
Topic: 908  Message: 909

Thanks, Reid,

I found these cage nuts for the cabinet of the T-368
but can't find the pan head bolts for the front panels
on the decks. Where'd you find the ones you have?

http://www.nutty.com/cgi-bin/shopper.exe?PREADD=action&KEY=CGN3816

Joe

--- "Hagan, Reid J" <reid.j.hagan@...> wrote:
> In my search to find specific hardware for various
> radio projects, I
> discovered the "Nutty Company Online Fastener
> Store", which offers a very
> wide variety of hardware and related goodies that is
> well worth a look. I
> found prices to be quite reasonable also. I had
> been looking for 6-32 X
> 1/4" slotted pan head screws, as used on Drake
> cabinets, which weren't
> readily available at normal hardware stores in New
> Jersey (only "round
> head") . "Nutty" had them in stock at $1.46 per
> 100.
>
> Reid, W2HU
>
> They can be viewed at:
>
> http://www.nutty.com/index.html
>

---------------------------------------------------
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a year! http://personal.mail.yahoo.com/

# 910. Rochester NY Hamfest

Yahoo group: T-368_BC-610
Date: 2001-06-01 02:18:10 UTC
From: Joe Foley
Topic: 910  Message: 910

Starts tomorrow!!

_____
Do You Yahoo!?
Get personalized email addresses from Yahoo! Mail - only $35
a year! http://personal.mail.yahoo.com/

# 911. BC-610 Registry

Yahoo group: T-368_BC-610
Date: 2001-06-03 16:41:48 UTC
From: n6wig@netscape.net
Topic: 688  Message: 911

Here is the latest update to the BC-610 registry. If you have a BC-610 and are not on the list, Please email you information to n6wig@....

Thanks and 73's

Mike

BC-610 Registry:

First Name: Rick
Last Name: Blank
Call: KI5SL
email: rblank@...
BC-610 Model: BC-610I
Order Number: 19624-PHILA-50
Manufacturer: Barker and Williamson, Inc
Serial Number: 79

First Name: Mikhael
Last Name: Brown
Call: N6WIG
email: N6WIG@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Hallicrafters
Serial Number: 1242

First Name: John
Last Name: Burgwyn
Call: W4WAW
email: jburgwynjr@...
BC-610 Model: BC-610F
Order Number: 10970-PH-48-77
Manufacturer: David Bogen Co Inc
Serial Number: 247

First Name: Joel
Last Name: Cumberland
Call: N3EYR
email: joel@...
BC-610 Model: BC-610H
Order Number: 21418-Phila-50-7-C
Manufacturer: Hallicrafters
Serial Number: 497

First Name: Clay
Last Name: DeWitt

Call: N4QNX
email: n4qnx.aol.com
BC-610 Model: BC-610G
Order Number: July 1949
Manufacturer: Hallicrafters
Serial Number: 87

First Name: Jeff
Last Name: Edmonson
Call: W5OMR
email: w5omr@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Hallicrafters
Serial Number:

First Name: Mike
Last Name: Hardie
Call: VE7MMH
email: hardiem@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Hallicrafters
Serial Number: 435

First Name: Dan
Last Name: Harlan
Call: N8ETQ
email: dharlan@...
BC-610 Model: BC-610E
Order Number: 28934-PHILA-45-07
Manufacturer: Hallicrafters
Serial Number: 656

First Name: Ron
Last Name: Kresge
Call: W1ARS
email: brronk777@...
BC-610 Model: BC-610E
Order Number: 28934-PHILA-45-07
Manufacturer: Hallicrafters
Serial Number: 78

First Name: Rev Ronnie
Last Name: Parker
Call: N1UDI
email: n1udi19@...
BC-610 Model: BC-610F
Order Number: 10970-PH-48-77
Manufacturer: David Bogen Co,Inc. New
York,NY

Serial Number: 119

First Name: Gary
Last Name: Pewitt
Call: N9ZSV/AE
email: gpewitt@...
BC-610 Model: BC-610I
Order Number:
Manufacturer:
Serial Number:

First Name: Rolynn
Last Name: Prechtl
Call: K7DFW
email: k7dfw@...
BC-610 Model: BC-610G
Order Number: ' 49
Manufacturer: Hallicrafters
Serial Number: 141

First Name: Rolynn
Last Name: Prechtl
Call: K7DFW
email: k7dfw@...
BC-610 Model: BC-610F
Order Number: ' 48
Manufacturer: Bogen
Serial Number: 325

First Name: Bob
Last Name: Richmond
Call: W8MNQ
email: w8mnq@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Hallicrafters
Serial Number: 325

First Name: Bill
Last Name: Shaw
Call: W2HYN
email: w2hyn@...
BC-610 Model: BC-610E
Order Number:
Manufacturer:
Serial Number:

First Name: Theodore
Last Name: Stoner III
Call: WR4T
email: wr4t@...
BC-610 Model: BC-610E

Order Number: 28934-Phila-45-07
Manufacturer: Hallicrafters
Serial Number: 322

First Name: Jack
Last Name: Taylor
Call: N7OO
email: n7oo@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Halicrafters
Serial Number: 3223

First Name: Herb
Last Name: Ulrich
Call: K2JVM
email: k2jvm@...
BC-610 Model: BC-610I
Order Number: 3164-Phila-51-01-C
Manufacturer:
Serial Number: 39

First Name: Herb
Last Name: Ulrich
Call: K2JVM
email: k2jvm@...
BC-610 Model: BC-610E
Order Number: 18372-Phila-44
Manufacturer: Hallicrafters, Chicago, Ill.
Serial Number: 1211

First Name: Jim
Last Name: Walker
Call: WB2FCN
email: chejmw@...
BC-610 Model: BC-610I
Order Number:
Manufacturer:
Serial Number:

First Name: Jim
Last Name: Walker
Call: WB2FCN
email: chejmw@...
BC-610 Model: BC-610E
Order Number:
Manufacturer:
Serial Number:

First Name: Theodore
Last Name: Young
Call: W3PWW

email:
BC-610 Model: BC-610F
Order Number: 10970-PH-48-77
Manufacturer: David Bogen Co
Serial Number: 25

First Name: Ed
Last Name: Zeranski
Call:
email: ezeran@...
BC-610 Model: BC-610I
Order Number: 18723-Phila-49
Manufacturer: Barker I Williamson
Serial Number: 164

--
? ?/// ? ? ?<N6WIG@...>
? ? | ?Collector of Military and Vintage
? ?/|\ ? ? commuications equipment.
? N6WIG ? ? ? ?San Jose
_____
Get your own FREE, personal Netscape Webmail account today at http://webmail.netscape.com/

# 912. T-368 Registry 6/4/01

Yahoo group: T-368_BC-610
Date: 2001-06-04 21:08:29 UTC
From: W2ZR@aol.com
Topic: 912  Message: 912

W2ZR  w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI  redmenaced@...
Bendix T-368 E #160
contract  3219-PP-59

WF2U  mbendror@...
B&W T-368E #628
contract  15117-PP-62

W8KXR  jtone@...
B&W T-368C  #216
contract  43056-P-55

Bendix T-368C  #209
contract  3219-PP-59

W4WSZ  bobm@...
Stromberg-Carlson T-368D #161

KF2JQ  jprusso@...
(awaiting details)

WB3FAU  wb3fau@hotmail.com
Oneida T-368F  #192
contract  15498-PP-63

KA3OTT  kazott@juno.com
B&W T-368C  #018
contract  43056-P-56

KW1I  Dale.Gagnon@compaq.com
AMF T-368A  #62
contract 25209-PHILA-54

W3NP  daveh@hereintown.net
B&W T-368E  #575
contract 15117-PP-62

KD1YT  tlewis@primmer.com
B&W  T-368E  #27
contract  15117-PP-62
overhauled at Pirmasens Army Depot

KX4R  kx4rgc@...
Crosley  T-368C  #560
contract  21316-PH-56

WB6DXR  lesterw@...
B&W  T-368  #18
contract  25633-Phila-53

W2HU  reid.j.hagan@...
T-368  #138
(awaiting details)

W7QHO  w7qho@...
B&W  T-368  #129
contract  25633-PHILA-53

Crosley  T-368C  #237
contract  28459-PH-55

K2AUS  w.d.gallagher@...
TRW  T-368F #303
contract  14527(E)

N4FS  n4fs@...
TRW  T-368F  #261
contract  14527(E)

WA1QHQ  mark.donaldson@...
B&W T-368  #32
contract  25070-Phila-54

AE4IN  ae4in@...
Daystrom T-368C  #46
contract  28597-Phil-55

W5BVB  plmills@attglobal.net
Oneida  T-368F  #19
contract  15498-PP-63

N4KIA  pradams@bellsouth.net
Crosley  T-368C  #275
contract  28459-PH-55

N2BC  n2bc@...
T-368C

K4BVQ  PHollifield@...
Bendix  T-368E  #118
contract  3219-PP-59
overhauled at Pirmasens Army Depot

KF4TP  olaf@...
TRW  T-368F  #190
contract 14527(E)

KE7KK  ke7kk@...
Stromber-Carlson T-368D  #33
contract #39692-PP-58

W9QM  r_longworth@...
Oneida T-368F  #149
contract 15498-PP-63

K9RJ  jandrjor@...
Stromberg-Carlson  T-368D  #55

WA6IUR  fly n ham@...
TRW  T-368F  #2
contract 14527(E)

W4TDC  WA4TDC@...
Crosley  T-368C #364
contract  28459-PH-55

K9XH  jleer@...
TRW  T-368F  #238
contract  14527(E)
overhauled at Pirmasens Army Depot

WA4KCY  sweetbay@...
TRW  T-368F  #358
contract  14527(E)

Tom Leiper (no call yet)  twleiper@juno.com
Ecco Electronic Components T-368F  #76
contract  DAAB05-67-C0022

K0WRX  PLCullum1823@...
B&W  T-368C  #305
contract  43056-P-56

W1ZD  w1nml@...
TRW  T-368F  #64
contract 14527(E)

K8OF  hamalot@...
T-368C
GDP 2/67

WB2FCN  chejmw@...u
Oneida  T-368F  #59
contract  15498-PP-63

WB6ACU  WB6ACU@...m
B&W T-368C  #285
contract  43056-P-56
overhauled at Pirmasens Army Depot

KD3FA  billn@...
B&W T-368E  #541
contract  11517-PP-62

W3TOY  wa3toj@...
B&W T-368  #13
contract  3472-Phila-52

B&W T-368E  #206
contract 15117-PP-62

W3PWW  (no email)
Crosley T-368C  #211
contract  28459-PH-55

W2HER  bobziolk@...
Bendix T-368E  #152
contract  3219-PP-59

WA0TSY troy-aero@...
B&W T-368C #367
contract 43056-P-56
overhauled at Pirmasens

[Non-text portions of this message have been removed]

# 913. If anyone is interested, contact the seller, not me

Yahoo group: T-368_BC-610
Date: 2001-06-04 21:12:24 UTC
From: W2ZR@aol.com
Topic: 913  Message: 913

Subj: [TMC] F.S. GPT-750 Date: 6/4/2001 2:20:22 PM Eastern Daylight Time From: agray@... (Alan Gray) Sender: owner-tmc@... Reply-to: agray@... (Alan Gray) To: tmc@... (TMC) For Sale: TMC GPT-750 1 KW am/cw transmitter. (pair of 4-400A's modulated by pp 810's; built-in vfo/exciter). Complete, good electrical and mechanical condition. With manuals and documentation. $2400. Alan, W3BV I [Non-text portions of this message have been removed]

# 914. Re: Audioioio

Yahoo group: T-368_BC-610
Date: 2001-06-05 04:15:06 UTC
From: Joe Foley
Topic: 914  Message: 914

--- Bill Coleman N2BC <n2bc@...> wrote:
> Hi Joe, saw your post on the AM board...
>
> The first thing I would do is ditch the carbon mic.
++++++++
Thanks for the reply, Bill.

I'm working on a replacement for the Carbon mic, KD2XA says an old Motorola mike will make an exact impedance match for the Carbon unit. Will try that.

>
> That said... unless one of the tubes is a total dud,
> I would doubt they are
> so different as to cause serious distortion.
++++++++
Ah, but my testing (tube swaping) shows that they do cause distortion. Hence the need for more testing. A matched pair of weak tubes will show no distortion but low mod current. Better tubes show mod current within spec but severe distortion! The scope also shows some difference in the waveform peaks, smaller excursion into the negative region than into the positive.

Thus my considerations regarding individual tube bias balancing.

When
> you have the resting
> current of the pair adjusted to spec, is one showing
> lots more color than
> the other?
++++++
Haven't torn the T-3 apart to the point where I can do that, have to pull it away from the wall and remove the ductwork and backpanel, not easy in my small shack.

>
> Another point - you don't want to measure grid
> current. Since the modulators
> run AB1, the theory says there is NO grid current.
> The trick to balancing
> then if necessary is two fold:
>
> 1) separate bias adjustments (there's a mod for

> this)
> 2) separate measurement of resting current
>
> #1 is not too bad a mod, you have to add a couple
> caps to isolate the grids
> for DC, then add a companion bias adj network.
>
> #2 is a bit more problematic. The two tubes share a
> filament transformer so
> there's no way to isolate for measuring independent
> cathode current.
++++++++++
Interesting you should mention that, not exactly
cathode current, but when I use my 5 volt DC power
supply to allow the tubes to warm up on the bench I
get different current readings on the filament
circuit. Anywhere between 6 and 7.5+ amps on
different tubes.

Any considerations on the current flow through the
filament in regards to the condition (power output) of
the tube?

Also, the specs of the 4-125 don't mention AC or DC
for filament voltage, the T-368 supplies 5 volts AC to
those filaments. Is my DC power supply causing any
harm when used with no load on the tube?

Since
> we're just aiming for a DC balance, measuring the
> plate current right at the
> anodes is valid - just dangerous! But I don't see
> any other way to do it.
> You would have to haywire in a milliammeter in each
> plate circuit, then
> adjust the bias on each tube so it's 1/2 of the
> desired resting current.
+++++++++
ORRrrrrr, I could put them in place of the 4-400, read
the PA meter, read the output watts, and try to match
two together.

>
> OK, enuf typing. I still think you should get a
> 'real' microphone!
+++++++
Oh, of course, working on that.

>
> I didn't make Rochester - too many projects, too
> much rain. Hope you had

> fun up there!
+++++++
Yes, it was good, saw people from this list and from
the R-390 list. The rain was a non-issue, two hours
on Friday, none on Saturday. Only the weenies went
home, us diehards stuck it out and had fun because of
it!!

Gene and I made several passes through the flea market
on Friday afternoon and scored many tubes, every pass
through revealed another new pile to search through,
no crowds either.

Saturday I had to wait for the Tim Tron to move out of
the way so I could see a certain interesting pile of
tubes, he was working an in-person pile up on both
sides of him, I didn't want to break in.

hehehe,

Joe

_____
Do You Yahoo!?
Get personalized email addresses from Yahoo! Mail - only $35
a year! http://personal.mail.yahoo.com/

# 915. T-368 Registry 6/5/01

Yahoo group: T-368_BC-610
Date: 2001-06-05 10:01:31 UTC
From: W2ZR@aol.com
Topic: 915  Message: 915

W2ZR  w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI  redmenaced@...
Bendix T-368 E #160
contract  3219-PP-59

WF2U  mbendror@...
B&W T-368E #628
contract  15117-PP-62

W8KXR  jtone@...
B&W T-368C  #216
contract  43056-P-55

Bendix T-368C  #209
contract  3219-PP-59

W4WSZ  bobm@...
Stromberg-Carlson T-368D #161

KF2JQ  jprusso@...
(awaiting details)

WB3FAU  wb3fau@hotmail.com
Oneida T-368F  #192
contract  15498-PP-63

KA3OTT  kazott@juno.com
B&W T-368C  #018
contract  43056-P-56

KW1I  Dale.Gagnon@compaq.com
AMF T-368A  #62
contract 25209-PHILA-54

W3NP  daveh@hereintown.net
B&W T-368E  #575
contract 15117-PP-62

KD1YT  tlewis@primmer.com
B&W  T-368E  #27
contract  15117-PP-62
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Crosley  T-368C  #560
contract  21316-PH-56

WB6DXR  lesterw@...
B&W  T-368  #18
contract  25633-Phila-53

W2HU  reid.j.hagan@...
T-368  #138
(awaiting details)

W7QHO  w7qho@...
B&W  T-368  #129
contract  25633-PHILA-53

Crosley  T-368C  #237
contract  28459-PH-55

K2AUS  w.d.gallagher@...
TRW  T-368F #303
contract  14527(E)

N4FS  n4fs@...
TRW  T-368F  #261
contract  14527(E)

WA1QHQ  mark.donaldson@...
B&W T-368  #32
contract  25070-Phila-54

AE4IN  ae4in@...
Daystrom T-368C  #46
contract  28597-Phil-55

W5BVB  plmills@attglobal.net
Oneida  T-368F  #19
contract  15498-PP-63

N4KIA  pradams@bellsouth.net
Crosley  T-368C  #275
contract  28459-PH-55

N2BC  n2bc@...
T-368C

K4BVQ  PHollifield@...
Bendix  T-368E  #118
contract  3219-PP-59
overhauled at Pirmasens Army Depot

KF4TP  olaf@...
TRW  T-368F  #190
contract 14527(E)

KE7KK  ke7kk@...
Stromber-Carlson T-368D  #33
contract #39692-PP-58

W9QM  r_longworth@...
Oneida T-368F  #149
contract 15498-PP-63

K9RJ  jandrjor@...
Stromberg-Carlson  T-368D  #55

WA6IUR  fly n ham@...
TRW  T-368F  #2
contract 14527(E)

W4TDC  WA4TDC@...
Crosley  T-368C #364
contract  28459-PH-55

K9XH  jleer@...
TRW  T-368F  #238
contract  14527(E)
overhauled at Pirmasens Army Depot

WA4KCY  sweetbay@...
TRW  T-368F  #358
contract  14527(E)

Tom Leiper (no call yet)  twleiper@juno.com
Ecco Electronic Components T-368F  #76
contract  DAAB05-67-C0022

K0WRX  PLCullum1823@...
B&W  T-368C  #305
contract  43056-P-56

W1ZD  w1nml@...
TRW  T-368F  #64
contract 14527(E)

K8OF  hamalot@...
T-368C
GDP 2/67

WB2FCN  chejmw@...u
Oneida  T-368F  #59
contract  15498-PP-63

WB6ACU  WB6ACU@...m
B&W T-368C  #285
contract  43056-P-56
overhauled at Pirmasens Army Depot

KD3FA  billn@...
B&W T-368E  #541
contract  11517-PP-62

W3TOY  wa3toj@...
B&W T-368  #13
contract  3472-Phila-52

B&W T-368E  #206
contract 15117-PP-62

W3PWW  (no email)
Crosley T-368C  #211
contract  28459-PH-55

W2HER  bobziolk@...
Bendix T-368E  #152
contract  3219-PP-59

WA0TSY  troy-aero@...
B&W  T-368C  #367
contract  43056-P-56
overhauled at Pirmasens

AA9WQ aa9wqham@...
B&W T-368 #22
contract 3472-PHILA-53
overhauled

[Non-text portions of this message have been removed]

# 916. Re: balance da toobs

Yahoo group: T-368_BC-610
Date: 2001-06-05 22:55:06 UTC
From: Joe Foley
Topic: 916  Message: 916

--- Bill Coleman N2BC <n2bc@...> wrote:
> Joe, saw your latest on the AM BB.
>
> The driver tranny in my '368 & in all the diagrams I
> have is not 'split'.
> Split implies two windings that can be isolated
> (feeding individually
> adjustable bias to each).
++++++++++
Argh, that should have been obvious!

>
> The '368 driver is one center-tapped winding, with
> common bias for both
> tubes entering the center-tap.
++++++++
Ah, and that's why this can be a problem, they
expected both tubes to be equal. Now, you say this
shouldn't be a distortion problem unless one tube is
really bad, I won't argue that, but I'm chasing
distortion problems with the tubes I change in and out
of the mod deck. The weak matched tubes don't show
distortion, so, unless there is distortion as a
consequence of having full modulation, I can attribute
the distortion to bad, or un-bias matched tubes.

Have I missed anything there?

This is why I haven't done any audio mods to this
unit, I want to get full modulation first, and get it
running to spec before I modify it from stock.

>
> Look at the mod attached. The addition of the caps
> in series with the
> driver secondary provides DC isolation and enables
> separate bias for each
> tube. You now place the bias on the grid side of the
> blocking caps. You'll
> need to fudge up the second adjustment circuit, but
> that's not a big deal.
++++++++
Ok, is it possible to leave one side of the driver
secondary unmodified and make the other side
adjustable to match whatever tube is hooked to the
unmodified side?

>
> There should not be any problem with RF at the
> anodes of the modulators -
> there's not supposed to be any RF there unless you
> have problems with the PA
> plate choke!
+++++++
Right, that should have been obvious, too.

>
> Like I said before, the biggest metering problem is
> safety. You'll have to
> lash a milliammeter in each anode leg & do not ever
> trust the case of the
> meter to be isolated from the DC. Note the PA anode
> meter & how it is
> set-back behind a second insulating case. Even this
> is dangerous as there is
> still 2KV+ sitting behind only a pair of flimsy
> clear plastic meter faces.
++++++++
Yes, that was checked and modified on initial start
up. It has a fairly solid plexiglas window on the
front now. It was verified that it has the right
bolts in it, too.

The help is much appreciated,

73

Joe

_____
Do You Yahoo!?
Get personalized email addresses from Yahoo! Mail - only $35
a year! http://personal.mail.yahoo.com/

# 917. Saturday night contacts...

Yahoo group: T-368_BC-610
Date: 2001-06-09 14:36:08 UTC
From: aa9wqham@aol.com
Topic: 917  Message: 917

I will be on tonite around 10:00 central time. Let's try to get a group going. I hope to talk to a few of you.
73's AA9WQ

# 918. chimney for 4-400 from T-368 for sale

Yahoo group: T-368_BC-610
Date: 2001-06-13 11:11:21 UTC
From: W2ZR@aol.com
Topic: 918  Message: 918

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1246095551

[Non-text portions of this message have been removed]

# 919. FS: T-368, T-195, R-392

Yahoo group: T-368_BC-610
Date: 2001-06-13 19:56:18 UTC
From: plmills@attglobal.net
Topic: 919  Message: 919

Hello,

Lack of time and money (heard that before :-) ) forces sale
of the following items....all are pick up only near Houston,
TX. Can arrange to meet or deliver within a 300 mile radius.

T-368. This is a project that isn't going to get finished.
Needs only the T1 filament transformer for the RF deck and
the vac variable couplings. I have everything else. The vac
variables and plate tank coil need to be installed. In nice
cosmetic condition. Has some mods that might have been made
in the military as knobs match the originals. Will include
almost complete spare power supply deck, spare tubes, ME-165
wattmeter, and matching RTTY keying unit. $1000.

T-195. Great cosmetic condition. Works well but has low
output. Autotune seems to work well....both freq and band
autotune as well as the plate tuning autotune. With power
cable and original manuals/schematics. $275. If you buy
the R-392 below, I'll throw in the dogbone cable to interconnect.
Spare 4x150D's included including 1 NOS.
R-392. Works well but has reduced sensitivity on low bands.
Comes with original manuals, some spare tubes and parts, and
better front panel. Cabinet needs to be repainted. $225.
Will sell combo of T-195 and R-392 for $450.

please e-mail with questions, thanks, 73,
Phil
W5BVB

# 920. Re: [T-368_BC-610] FS: T-368, T-195, R-392

Yahoo group: T-368_BC-610
Date: 2001-06-13 22:46:12 UTC
From: Jack Taylor
Topic: 919  Message: 920

Houston, isn't that the place that's under water? Should we bring a boat
and diving gear? :-)

73 de Jack

----- Original Message -----
From: <plmills@...>
To: "BA" <boatanchors@...>; "BA2" <boatanchors@...>; "T-368"
<T-368_BC-610@yahoogroups.com>
Sent: Wednesday, June 13, 2001 12:56 PM
Subject: [T-368_BC-610] FS: T-368, T-195, R-392

> Hello,
>
> Lack of time and money (heard that before :-) ) forces sale
> of the following items....all are pick up only near Houston,
> TX. Can arrange to meet or deliver within a 300 mile radius.
>
> T-368. This is a project that isn't going to get finished.
> Needs only the T1 filament transformer for the RF deck and
> the vac variable couplings. I have everything else. The vac
> variables and plate tank coil need to be installed. In nice
> cosmetic condition. Has some mods that might have been made
> in the military as knobs match the originals. Will include
> almost complete spare power supply deck, spare tubes, ME-165
> wattmeter, and matching RTTY keying unit. $1000.
>
> T-195. Great cosmetic condition. Works well but has low
> output. Autotune seems to work well....both freq and band
> autotune as well as the plate tuning autotune. With power
> cable and original manuals/schematics. $275. If you buy
> the R-392 below, I'll throw in the dogbone cable to interconnect.
> Spare 4x150D's included including 1 NOS.
> R-392. Works well but has reduced sensitivity on low bands.
> Comes with original manuals, some spare tubes and parts, and
> better front panel. Cabinet needs to be repainted. $225.
> Will sell combo of T-195 and R-392 for $450.
>
> please e-mail with questions, thanks, 73,
> Phil
> W5BVB
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>

>
>

# 921. Tuner turns counters

Yahoo group: T-368_BC-610
Date: 2001-06-14 02:28:29 UTC
From: Joe Foley
Topic: 921  Message: 921

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1244039667

_____
Do You Yahoo!?
Spot the hottest trends in music, movies, and more.
http://buzz.yahoo.com/

# 922. [Fwd: Question for seller -- Item #1246199550]

Yahoo group: T-368_BC-610
Date: 2001-06-15 04:08:59 UTC
From: plmills@attglobal.net
Topic: 922  Message: 922

Please forgive this broadcast but this is the best that
I can do to help the one who originated this question.

Thank you for your patience, 73,
Phil
W5BVB

[Non-text portions of this message have been removed]

# 923. in case anyone needs this

Yahoo group: T-368_BC-610
Date: 2001-06-16 11:49:08 UTC
From: W2ZR@aol.com
Topic: 923  Message: 923

eBay item 1247175331 (Ends Jun-22-01 18:17:30 PDT ) - BC-610 tuning unit TU-51 covers 5.0 - 6.3 Mhz (http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1247175331) [Non-text portions of this message have been removed]

# 924. Radio repair

Yahoo group: T-368_BC-610
Date: 2001-06-16 17:00:58 UTC
From: Richard Hanson
Topic: 924  Message: 924

Anyone know where I might have a PRC25 radio repaired?

Thanks,

Richard Hanson

_____
Do You Yahoo!?
Spot the hottest trends in music, movies, and more.
http://buzz.yahoo.com/

# 925. Fw: WWV Survey

Yahoo group: T-368_BC-610
Date: 2001-06-19 15:45:15 UTC
From: James M. Walker
Topic: 925  Message: 925

For those of us that expressed an interest in giving inputs to the NIST/WWV operations here is the long awaited info.

73
Jim
WB2FCN
AM/CW
Real Radio in Buffalo
----- Original Message -----
From: NIST Radio Stations WWV & WWVB
To: James M. Walker
Sent: Monday, June 18, 2001 5:19 PM
Subject: Re: WWV Survey

At 09:14 AM 2/23/01 -0500, you wrote:

Hello,
I would like to participate in your survey of wwv/wwvh usage's.
Mailing info is
A.R.S. WB2FCN
c/o James M. Walker
445 Shirley Ave.
Buffalo, New York 14215-1233

or in the interest of time E-mail to: chejmw@...
Thanks and keep up the good work!
Jim WB2FCN

Dear WWV/WWVH listener,

Thank you for your response to the survey announcement heard on the WWV/WWVH broadcast. The NIST Time and Frequency Services survey is now available!

To complete the survey, go to:

www.timesurvey.nist.gov

The survey will be concluded September 30, 2001. Thank you for your participation.

National Institute of Standards and Technology
Radio Stations WWV/ WWVH

[Non-text portions of this message have been removed]

# 926. Re: [AMRadio] Fw: WWV Survey

Yahoo group: T-368_BC-610
Date: 2001-06-19 16:12:27 UTC
From: Jeff/W5OMR
Topic: 926  Message: 926

I got the same thing.

Gotta love a Virus Checker.

I also want to know why it was cross-posted in all these forums shown?
----- Original Message -----
From: Bob Bruhns
To: James M. Walker ; T-368_BC-610@yahoogroups.com ; radio-astronomy@... ; r-390@... ; milsurplus@... ; lowfer@... ; homebrew@... ; hamsat@... ; greenkeys@... ; glowbugs@... ; eme@... ; dsp-weak-signal@... ; cw@... ; baswaplist ; AMRadio
Sent: Tuesday, June 19, 2001 11:01 AM
Subject: Re: [AMRadio] Fw: WWV Survey

This file: "Unknown1331.data" was infected with: "WScript.KakWorm.dr" virus. The file was deleted by Norton AntiVirus. Tuesday, June 19, 2001 11:10

[Non-text portions of this message have been removed]

# 927. Re: [MilSurplus] Mil Items For Sale

Yahoo group: T-368_BC-610
Date: 2001-06-23 20:31:29 UTC
From: Joe Foley
Topic: 927  Message: 927

He's got a BC-939 tuner for sale.

--- Byron Tatum <bjtatum@...> wrote:
> In addition to the other mil.items I listed I now
> have :
> Vibrator supply CLG-20207 {12/24 VDC to 110 VAC
> @175 watts
> TDZ Transmitter, missing covers and tubes
> Some type of control unit it appears for TDZ ,
> it is almost as large.
> BC-939-D Ant. tuner
> BC-906-D Freq. Meter, this is a GEM as it is
> still in the wooden
> carrying case with manual, condition is VERY nice,
> have not opened the meter
> to see if batteries are there or not.
> These items are for local pickup near Houston,
> TX.
> Thanks, Byron WA5THJ
> Tel-281-331-1899
>
>
> ---
> Submissions milsurplus@...

---------------------------------------------------
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# 928. WTB: T-368 RF deck filament xfmr - T1

Yahoo group: T-368_BC-610
Date: 2001-06-24 20:37:20 UTC
From: plmills@attglobal.net
Topic: 928  Message: 928

Hello,

I am desparately in need of the RF deck filament transformer
for a T-368 transmitter. It is T1 and provides the 5.0 volt filament
power for the 4-400, 26 volts for the 6000 tube, and 6.3 volts
for the rest of the rf deck tubes. I also need the two couplings
that link the gear mechanism to the vacuum variable caps. If
anyone can help with any of these items, please e-mail me.

thanks & 73,
Phil
W5BVB

# 929. Wanted 4-400's

Yahoo group: T-368_BC-610
Date: 2001-06-28 12:12:57 UTC
From: Robert Moody
Topic: 929  Message: 929

Posting for a local broadcaster:

Urgent need for NIB or NOS Eimac or Amperex 4-400's. NO China tubes.

Reply to: jchion@...

Thanks

# 930. BC-610 Coil, etc. on E-bay

Yahoo group: T-368_BC-610
Date: 2001-07-01 01:40:57 UTC
From: Joe Foley
Topic: 930  Message: 930

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1250169073

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1250235084

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1159606547

_____
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http://personal.mail.yahoo.com/

# 931. 40 metre AM Coast-to-Coast

Yahoo group: T-368_BC-610
Date: 2001-07-04 00:37:39 UTC
From: redmenaced@yahoo.com
Topic: 931  Message: 931

Hi list!

It seems that a bunch of AM operators are having some really good luck with Coast-to-coast contacts on 7.290 MHz.

What say we get on and give it a try with the military rigs and join the fun?

Tonight around 12:00 Eastern or 1:00 AM after the commercial stations go to bed.

73

Joe

# 932. There's a BC-610F being auctioned off on eBay, in case anyone's interested

Yahoo group: T-368_BC-610
Date: 2001-07-07 00:29:26 UTC
From: W2ZR@aol.com
Topic: 932  Message: 932

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1252987445

[Non-text portions of this message have been removed]

# 933. BC-610 For sale

Yahoo group: T-368_BC-610
Date: 2001-07-09 23:32:11 UTC
From: redmenaced@yahoo.com
Topic: 933  Message: 933

KC4ULZ has it, no other information available.

Joe

# 934. Attempt to work Europe on 75

Yahoo group: T-368_BC-610
Date: 2001-07-24 16:40:59 UTC
From: redmenaced@yahoo.com
Topic: 934  Message: 934

A bunch of operators in the North Eastern US will be trying again to work European stations on 3.885 MHz tonight at 10 PM EST.

They've had quite good luck so far even with the summer static.

Warm up the tubes and give a listen,..... OR join in!

Joe

# 935. T-368 modification problem

Yahoo group: T-368_BC-610
Date: 2001-07-24 22:26:12 UTC
From: redmenaced@yahoo.com
Topic: 935  Message: 935

Hi List,

This was posted by one of us on the AM Window BBS page.

I was wondering if anyone here had any ideas to help him.

This is evidently an attempt to remove the excess capacitance from the RF deck tank circuit to allow the higher frequencies of the human voice to be transmitted, too.

Thanks,

Joe

I recently performed the PA stage mod on my T368E per the standard as outlined in the mod section of the AM Window. It opened the high end up just as expected however I have noticed heating of the newly installed B&W 800 plate choke.

Here are the symptoms:
Gets slightly warm on 40, fairly warm on 75 and downright how on 160. The heating seems to be more in the center to upper part of the choke. No other operational quirks observed and I wouldn't have even noticed it if I hadn't been checking to see if the 800 had sufficient impedence on 160. Still not sure of the freq range of the 800 choke.

Here is what I have done:
Tried several other chokes...one which was in a kw linear that does 160.
Subbed out the plate bypass cap
Subbed out the plate blocking cap.
Subbed out the 4-400
Checked the screen bypass cap and all hardware and grounding.
Added the 2 10 ohm resistors in series with the grid as in the "A" model T368 (parasitic suppression)
...Some of what I have done seems to move the hotter area of the choke around a bit which suggests a parasitic but nothing has really made any significant change.

Anyone else done the mod or had any experience with a similar problem? I have talked to several guys on the air about this and have tried all that has been suggested plus a few more of my own.

# 936. Re: [T-368_BC-610] T-368 modification problem

Yahoo group: T-368_BC-610
Date: 2001-07-25 03:43:30 UTC
From: Joe Foley
Topic: 935  Message: 936

--- W7QHO@... wrote:
>
> In a message dated 7/24/01 3:28:08 PM,
> redmenaced@... writes:
>
> << Gets slightly warm on 40, fairly warm on 75 and
> downright how on 160. >>
>
> I've often wondered if anyone was experiencing
> difficulties with this popular
> modification.
>
> Problem here sounds like not enough inductance in
> the plate choke. The B&W
> 800 only has 90 microhenrys. Probably need at least
> twice that for 160 M and
> 300 - 400 microhenrys would be even better.
> Problem, though, is finding a
> choke with enough inductance that also doesn't have
> any series resonances in
> any of the ham bands in which the transmitter will
> be used.
>
> This is the reason the T368 plate tank circuit is
> designed the way it was.
> It's very difficult to make a choke with a lot of
> wire on it that isn't
> series resonant somewhere in the HF spectrum and
> most wide range transmitters
> bandswitch plate chokes too along with other tank
> circuit constants (T195 and
> GPT-750 for ex.). In the T368, however, feeding
> the B+ in at the low Z end
> of the pi section allowed the use of a single, low
> inductance choke. The
> engineers were apparently able to find (or design)
> one without any series
> resonance points ANYWHERE in it's 1.5 - 20 MHz
> range. Elegant design,
> actually.
>
> So, what to do about it? There's a design for a
> plate choke shown in the
> older handbooks (1983, page 17-7 for ex) which
> should do the job, at least in

> the ham bands. This has a total of 306 turns spaced
> out in six sections on a
> 1.25" diameter form. On the other hand, just how
> hot is the B&W unit
> getting? If there's no smoke maybe there's no real
> problem.
>
> Dennis D. W7QHO
> Glendale, CA

_____
Do You Yahoo!?
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http://phonecard.yahoo.com/

# 937. N2BC's T-368 web site

Yahoo group: T-368_BC-610
Date: 2001-07-29 18:11:36 UTC
From: redmenaced@yahoo.com
Topic: 937  Message: 937

http://home.stny.rr.com/n2bc/Boatanchors_T-368.htm

# 938. T-368 Mod results in hot choke coil

Yahoo group: T-368_BC-610
Date: 2001-07-29 18:23:11 UTC
From: redmenaced@yahoo.com
Topic: 938  Message: 938

This was taken from the AM Window BBS webpage as W3NP, Dave, goes through his transmitter with this popular audio enhancing modification. The goal is to remove the excess capacitance from the RF deck which attenuates the higher frequencies in the audio.

If you've ever heard Dave's transmitter on the air you may ask why he'd want to do this as his audio presently is very good. But Dave's attention to detail in improving his audio is what has tracked down this common problem with this particular modification.

Note that when checking the temperature of the choke coil in question extreme caution must be excercised due to the High Voltages in the area.

I wil try to give credit to all those who replied.

Joe KG2CI

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Posted by Dave/W3NP on July 21, 19101 at 18:36:55:

I recently performed the PA stage mod on my T368E per the standard as outlined in the mod section of the AM Window. It opened the high end up just as expected however I have noticed heating of the newly installed B&W 800 plate choke.

Here are the symptoms:
Gets slightly warm on 40, fairly warm on 75 and downright how on 160. The heating seems to be more in the center to upper part of the choke. No other operational quirks observed and I wouldn't have even noticed it if I hadn't been checking to see if the 800 had sufficient impedence on 160. Still not sure of the freq range of the 800 choke.

Here is what I have done:
Tried several other chokes...one which was in a kw linear that does 160.
Subbed out the plate bypass cap
Subbed out the plate blocking cap.
Subbed out the 4-400
Checked the screen bypass cap and all hardware and grounding.
Added the 2 10 ohm resistors in series with the grid as in the "A" model T368 (parasitic suppression)

...Some of what I have done seems to move the hotter area of the choke around a bit which suggests a parasitic but nothing has really made any significant change.

Anyone else done the mod or had any experience with a similar problem? I have talked to several guys on the air about this and have tried all that has been suggested plus a few more of my own.

Thanks

# 939. More Hot Choke

Yahoo group: T-368_BC-610
Date: 2001-07-29 18:43:55 UTC
From: redmenaced@yahoo.com
Topic: 939  Message: 939

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Posted by HG on July 24, 19101 at 00:05:45:

In Reply to: HOT Choke - Parasitic?? posted by Dave/W3NP on July 21, 19101 at 18:36:55:

Got me thinking-

: Here are the symptoms:
: Gets slightly warm on 40, fairly warm on 75 and downright how on 160.
: The heating seems to be more in the center to upper part of the choke.

This wouldn't seem the symptom of a VHF parasitic-
HOWEVER, it is possible you're experiencing a LF parasitic, where the new plate choke may cause an oscillation, much like the old TNT transmitters of days gone by. In this case, the "tank coil" is the new plate choke, so the oscillation will be down in the BC band or lower. Possible cures are to change the value of either the shunt-fed plate (or grid) chokes. Since you've already tried different plate chokes, you might try putting a say, 22K-47K, 2 watt carbon resistor in parallel across the grid choke to dampen LF oscillations.

A spectrum analyzer would tell you if you're getting a LF oscillation...There is another way to check for parasitics but this is VERY DANGEROUS if you're not careful... Tape a small neon bulb to a long insulating rod like a two foot DRY, DRY, DRY wooden dowel or fiberglass rod. For safety insurance, wrap the grip area of this rod with foil and securely ground it. Key the transmitter and hold the neon bulb until it ignites near various components like the tank coil and the plate choke. A VHF parasitic will cause the bulb to glow purple- Low frequency energy will cause a more normal orange glow. You can easily see the difference.

Good ways to dampen VHF parasitics include: Using nichrome or iron wire for the inductance of the plate parasitic suppressor...Also string a ferrite bead or two on the lead to the grid pin on the tube socket....Raising bias voltage...

I've never been in a T-368, so I don't know how it's bypassed, if the screen of the 4-400 is not adequately RF bypassed, it'll also lead to

parasitics and just plain-old TPTG spurs. Might be something else to look at.

That's my shots in the dark... Good luck.

Bill

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Posted by Dave/W3NP on July 26, 19101 at 08:26:46:

In Reply to: Re: HOT Choke - Parasitic?? posted by HG on July 24, 19101 at 00:05:45:

Hey Bill

Thanks for the thoughts. Tried the neon bulb test and most of the bulb glows orange with a trace of blue near the base end of the bulb. Probably not a parasitic but just insufficient inductance/impedence with the B&W 800. See my followup down the page a bit. Now I need at least a 200uh solenoid choke good for 1 amp or so with no series resonance on 160/80/40. Still surprised that a commercially made choke for 3.5 and up would not have enought induct. for 75. Thanks for the ideas.

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Posted by k4kyv on July 24, 19101 at 02:34:13:

In Reply to: Re: HOT Choke - Parasitic?? posted by HG on July 24, 19101 at 00:05:45:

...Possible cures are to change the value of either the shunt-fed plate (or grid) chokes.

It is best to eliminate the grid rf choke altogether. Using a plate choke AND a grid choke is an open invitation for your final to become a low frequency (BC band or below) TGTP self excited oscillator. I use series feed in my grid circuit, and the only "choke" is the grid-leak resistor itself, which is a wirewound power resistor. I ground the rotor plates of the grid tuning condenser directly. Just make sure you have enough plate spacing, since the condenser carries full

RF grid voltage plus the class-C bias voltage.

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Posted by Dave/W3NP on July 25, 19101 at 16:48:36:

In Reply to: Re: Re: HOT Choke - Parasitic?? posted by k4kyv on July 24, 19101 at 02:34:13:

There isn't any choke in the grid circuit. I just added 2 10 ohm resistors in parallel as an experiment...some T3's were built that way.

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Posted by fc on July 25, 19101 at 17:48:17:

In Reply to: Re: Re: Re: HOT Choke - Parasitic?? posted by Dave/W3NP on July 25, 19101 at 16:48:36:

Sorry to trash the modification but I don't think there is enough inductance in a B&W 800. I suggest you try the B&W801 which has 200 micro henerys. The 800 only has 90. I have used this choke for 25 years and know there is a resonance
around 25 MHz. A VHF oscillation will make them
go off like a M80. My friend who has my old 4-1000A rig asked me to modify it to cover 160M and we had to replace the choke for it to work properly. That rig runs at the same plate voltage as the T368 but more current. A quick test just add another B&W800 in series with the one you have. You solved the problem if the temperature goes down. If it stays hot look at the plate Suppressor. You might have to squeeze the turns a little closer. You may also have to add a suppressor in the grid to tame it. The T368 design connected the DC to the output of the pi network to avoid these problems and learned to love all the other problems that it created.
Maybe you need to put a parallel bypass cap at the DC end of the choke say 50 to 100 PF to make sure the bypass is broad band enough. This shouldn't hurt the audio response. WA1GFZ

: There isn't any choke in the grid circuit. I just added 2 10 ohm resistors in parallel as an experiment...some T3's were built that

way.

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Posted by Dave/W3NP on July 26, 19101 at 08:05:37:

In Reply to: Re: Re: Re: Re: HOT Choke - Parasitic?? posted by fc on
July 25, 19101 at 17:48:17:

I have already tried series connected chokes and they (some) do
change the amount of heating. Last night I series connected the
already mounted 800 with a js connected L7 linear amp choke with the
bypass at only the cold end of the L7 choke (B+) and it runs fairly
cool on 75 and cold on 40 but still fairly warm on 160 but would be
usable - Both chokes heat about the same. With only the 800 in the
circuit a neon bulb showed rf all the way to the bottom of the choke
and with the 2 in series the bulb will not fire on the bottom half of
the L7 choke.I had already suspected that the 800 had insufficient
inductance on 160 but was surprised that it ran so hot on 75. The
impedence of the circuit in the T3 must be quite high at this point.
Since I don't want 2 chokes hanging in there I either need to find a
different choke B7W 801 - anybody have one??, or wind one up if I can
find a suitable form.

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Posted by Roll your own... on July 26, 19101 at 15:50:03:

In Reply to: Re: Re: Re: Re: Re: HOT Choke - Parasitic?? posted by
Dave/W3NP on July 26, 19101 at 08:05:37:

: or wind one up if I can find a suitable form.

Dave,

I have wound all my plate chokes in the various rigs, big and small.

I use a standard 12" long, 1" diameter piece of PVC pipe and wind
regular #20-#18 insulated wire on it...maybe 120 turns or so. Good
down to 160M.

I usually wind it in small grouped turns bunches near the top half leaving 1/2" gaps and gradually make the groups larger as it gets nearer the bottom.

Drill a hole in the top and 2" from the bottom for the wire ends.. Start with a turns group of like 5 turns followed by 10 turns, followed by 20 turns, etc - works for me.

Use a colored electrical tape to wind over the whole thing after finished to make a nice looking product.

Then use three "L' brackets bolted to the bottom as a mount.

If it has any series resonaces you will find out about it real soon...assuming you don't test it first.

Over 30 years and maybe 20-30 chokes, I can only remember losing one or two chokes made this way.

Tom, JJ

(That'd be K1JJ)

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Posted by Dave/W3NP on July 27, 19101 at 11:56:25:

After reading Tom K1JJ's post about his choke rolling I have decided to use PVC pipe for the form, already bought a foot of the stuff and already have the necessary hdw to mount it. I just yesterday obtained a roll of #22 and a roll of #24 varnished wire from a local motor rewinding place - (use what I need and bring the rolls back - no charge -nice guy!) Anyway Tom uses insulated wire of a large gauge but I suppose this will still work. My big question is that I was always of the opinion that PVC and RF didn't mix very well - things like melting bursting into flame,etc. Anybody else tried this using just varnished wire on PVC? I had already looked at the PVC pipe but discarded the idea until I got Tom's thoughts. I won't be able to make mine 12" long because of the vertical height restriction in the T3 but should be able to make it long enought to get 200uh or so. Anyway..what say about using PVC sewer pipe for my plate choke? Read the post a bit down the page called "Hot Choke..etc" for the whole story. For anyone contemplating the mod...the B&W 800 is not large enough but I have had one OM (OTT) say the National R175A works fb for him on 160.

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Posted by HG on July 27, 19101 at 16:56:43:

In Reply to: HV Plate Choke out of PVC?? RE: Hot Choke posted by Dave/W3NP on July 27, 19101 at 11:56:25:

You can load a plate choke that needs to be short for space reasons with a ferrite rod (or glued-together stack of large ferrite beads) jammed down the center of its hollow form and held in place with RTV. That'll let you use larger wire for current-handling reasons and still get the inductance you need. If possible, measure the choke's inductance without and with the ferrite loading to see if you're in the ballpark. As a bonus, you'll tend to decrease the Q of the thing to minimize resonance effects.

-Bill

(That'd be KD0HG)

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Posted by Melt down on July 27, 19101 at 17:52:03:

In Reply to: Re: HV Plate Choke out of PVC?? RE: Hot Choke posted by HG on July 27, 19101 at 16:56:43:

That reminds me of a time I wanted to get down on 160M with the 4X1 rig, but needed more inductance in the RF choke.

I heard of doing the same thing -

I stuck a 1/2"dia, 6" long ferrite rod inside the PVC form RF choke and fired it up.

After a few minutes of 800W carrier (back in the old days) the rod got so hot it snapped into pieces and fell against the PVC... melting the form and starting it on fire... cheezz.. What a mess!

Must have had some strange resonance effect. In the future I always did it the hard way and wound on some more turns.. :)

I'll bet if I used a rod with a lot less permability it would have worked as Bill suggested..

Tom, JJ

(K1JJ again)

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Posted by HG on July 27, 19101 at 21:59:17:

In Reply to: Re: Re: HV Plate Choke out of PVC?? RE: Hot Choke posted by Melt down on July 27, 19101 at 17:52:03:

Hmmmm...Bad Luck, Kemosabe.

We used ferrite-loaded RF inductors all over the inside of the AM-3924 linear amplifier (pair of 4CX1500Bs) for the very reason of saving space...even in the ridiculously small tank coils.

Maybe too many amp-turns around your ferrite stick, or using material with too much permiability...too much flux in that pup...Out of the blue, I prolly wouldn't use the 2000 u stuff if all that was needed was to double the inductance...Something with a u=100 intuitively seems better. Sounds like a job for Captain Empirical and his Experimental Rangers!

73,

-Bill

(KD0HG again)

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I have a choke wound on a 1" dia x 6" long
ceramic pillar that works ok fine 160-10m.
It has a suck-out point at 18mc but I don't
operate there. Looks to be abt #28 wire close
wound and the rig runs 2200v @ .25ma plate.

One thing about plate chokes...
When a choke has a higher Q you don't need as
much inductance , such as with a single layer
unit. A pie wound unit generaly has a lower Q
and as a result requires more henryage.Just be
careful with high Q chokes because they have a
greater tendancy to cause an ocillation when
used with a grid choke as Don has stated.

Well anyway, someone clued me in one this and
it seems to hold true.

Gary

(AA3WH)

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Posted by Large Gauge wire on July 27, 19101 at 12:54:12:

In Reply to: HV Plate Choke out of PVC?? RE: Hot Choke posted by
Dave/W3NP on July 27, 19101 at 11:56:25:

Oh, one more thing, Dave.

Of course #22 wire will handle 1 Amp and more...

The reason I use large gauge wire... #18-20 is because if there is a
short circuit in the rig, or any kind of flashover due to parasitics,
poor neutralization, etc, etc... the choke will handle this abuse.

When using tiny wire they will sometimes implode, ripping themselves
apart when the problems are really external.

Just a way of making the choke heavy duty, that's all.

Plus it's easier to construct.

BTW, if you have problems mounting it vertically, how about
horizontally? Just keep it away from OR at right angles to the tank
coils to reduce stray coupling.

Tom, JJ

(K1JJ)

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Posted by Tom, JJ on July 27, 19101 at 12:38:02:

In Reply to: HV Plate Choke out of PVC?? RE: Hot Choke posted by
Dave/W3NP on July 27, 19101 at 11:56:25:

Hi Dave,

Some additional info...

Teflon would be the ultimate material to use and is cheap enough, but check out this experiment:

I just tried a piece of the white PVC in the microwave oven at 1 ghz? at about 1000 watts for 2 minutes and it showed no signs of absorbing heat.

I suppose that is an extreme test and may also be applicable to 10-160M.

I've also used PVC tubing for end antenna insulators and open wire spacers for years on 20M running high power. If they absorbed much RF surely they would have ignited there.

The only problem outside is when they or any nylon/ plastic insulator get heavily covered with acid rain/pollution crap...then they flame out as you would expect.

Other opinions welcomed...

Tom, JJ

BTW, try using a piece of string as the spacer between turns with that varnished wire. Just wind them on together.

The plastic insulated wire I used gives it's own spacing. This is more for less inter-turn capacitance effects more than voltage breakdown.

(K1JJ)

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Posted by Larry/NE1S on July 27, 19101 at 13:04:13:

In Reply to: Re: HV Plate Choke out of PVC?? RE: Hot Choke posted by Tom, JJ on July 27, 19101 at 12:38:02:

When I wound the choke for my 3CX3000A7 amp, I used #21 enameled on 1" Delrin rod which was obtained from a local dealer of industrial plastics. It's more expensive, but more rugged & easier to work with than hollow PVC pipe. It also has better dielectric properties, but this is probably unimportant at HF. (If Tom has used PVC successfully in this application, so can others.)

-Larry

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Posted by fc on July 27, 19101 at 19:17:42:

In Reply to: Re: Re: Re: Re: HV Plate Choke out of PVC?? RE: Hot Choke posted by Larry/NE1S on July 27, 19101 at 16:41:22:

The reason for using covered wire is to force a little space between the turns which reduces C between turns. PVC might not be the best material but teflon makes nasty gas when it burns, yep it can SK you. Sometimes a choke melts down due to random failures so I would avoid capton or teflon insulation. Enamal wire with s spacer like mono filament line would also be good. A long close wound inductor should be avoided. I once saw an application where a choke was wound with resistance wire to lower the Q of the resonance points. Another thing would wind a couple chokes and put them in series at different angles from each other. I think Tim selected different chokes in his old 4-1000A rig when he changed to the upper bands. It isn't easy to build a broad band RF choke to cover the whole range. The T368 had to cover the whole range which is why they did the choke at the cold end of the pi network.
wa1gfz

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Posted by George, AB2KC on July 28, 19101 at 12:19:37:

In Reply to: Re: Re: Re: Re: Re: HV Plate Choke out of PVC?? RE: Hot Choke posted by fc on July 27, 19101 at 19:17:42:

: The T368 had to cover the whole range which is why they did the choke at the cold end of the pi network.
: wa1gfz

A "plate" choke at the cold end must work very well since the parallel high impedance of the tube is avoided, and a much smaller coil can "hold-off" the 50 ohm RF at the output. I suspect that the DC blocking capacitor at the antenna output is mucho huge to carry the 5+ amps of average RF current at 1KW? What type of cap is used in the T368 for this purpose? Any spurious resonances would be very

high, and probably out of band. I may do that to get my 4X1 down on 160, but not in the near future.

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See pictures here:

http://www.thebizlink.com/am/wwwboard/wwwboard.html

This website is courtesy of Steve WB3HUZ

# 940. Modulation Transformer

Yahoo group: T-368_BC-610
Date: 2001-07-31 20:50:09 UTC
From: Robert Moody
Topic: 940  Message: 940

Can anyone on the reflector tell me if the following modulation transformer is from a T-368?

Chicago Transformer Corp
B&W 13002
TF1C14YY Special

20,300 ohm primary & 9100 ohm secondary
250 watt, 5000 vdc ins
300-3500 cps + or - 1 db.

Thanks for any help

73,

Bob, W4WSZ

# 941. Re: [T-368_BC-610] Modulation Transformer

Yahoo group: T-368_BC-610
Date: 2001-08-01 02:02:03 UTC
From: w7qho@aol.com
Topic: 940  Message: 941

In a message dated 7/31/01 1:51:45 PM, bobm@... writes:

<< Can anyone on the reflector tell me if the following modulation transformer
is from a T-368?

Chicago Transformer Corp
B&W 13002
TF1C14YY Special

20,300 ohm primary & 9100 ohm secondary
250 watt, 5000 vdc ins
300-3500 cps + or - 1 db. >>

Can't vouch for the part numbers listed, but the impedance ratios and power
level is right on for the T-368 Basic and A models. Sealed box with big
white insulators sticking out of the bottom??

Dennis D, W7QHO

# 942. Helpful addresses for this list

Yahoo group: T-368_BC-610
Date: 2001-08-01 02:29:55 UTC
From: redmenaced@yahoo.com
Topic: 942  Message: 942

Post message: T-368_BC-610@yahoogroups.com

Subscribe: T-368_BC-610-subscribe@yahoogroups.com

Unsubscribe: T-368_BC-610-unsubscribe@yahoogroups.com

List owner: T-368_BC-610-owner@yahoogroups.com

# 943. Wednesday night Coast-to-coast get together

Yahoo group: T-368_BC-610
Date: 2001-08-01 02:32:39 UTC
From: redmenaced@yahoo.com
Topic: 943  Message: 943

This was stolen from the AM Window BBS page!

Posted by Larry WA9VRH on July 30, 19101 at 17:49:36:

Hi everyone here is the plan for August's First Wednesday CCA AM
night on
3880 kcs.

NOTE: We are going back to our one hour per timezone during the Summer
months!

REMEMBER you DO NOT have to be running Collins gear to checkin.
Everything is welcome and Everyone is welcome!

We will have 4 main ncs. One on the East coast, Midwest, Mountain
area,
and West coast. The main ncs will have others in their area helping
with
their hour. (Please note ONE HOUR). At the end of their hour the main
ncs
for that region will contact the next regions ncs and turn ncs over
to them
etc. etc. etc.

Each ncs will start at 08:00pm in their time zone.

Starting at 8:00pm EDT (0000 UTC) East coast ncs will start the net
At 01:00 UTC East coast ncs will turn ncs to Midwest ncs
At 02:00 UTC Midwest ncs will turn ncs to Mountain ncs
At 03:00 UTC Mountain ncs will turn ncs to West coast ncs

comments please to wa9vrh@...

Have fun and enjoy the great sounding AM signals. 73's Larry WA9VRH

# 944. AM Window BBS page URL

Yahoo group: T-368_BC-610
Date: 2001-08-01 02:33:46 UTC
From: redmenaced@yahoo.com
Topic: 944  Message: 944

http://www.thebizlink.com/am/wwwboard/wwwboard.html

# 945. Re: [T-368_BC-610] Modulation Transformer

Yahoo group: T-368_BC-610
Date: 2001-08-01 02:53:56 UTC
From: James M. Walker
Topic: 940  Message: 945

Hey Bob,
That might be correct, however the several I have all have a primary of
30,500 ohms & secondary
9100 ohms. The model number is TF41YY 3456 about 4X5 and 9 to 10 inches tall
terminals 3X2
ceramic with holes in studs for bolting wires to it. Usually black, the one
you have might be same
or a BC-610 H,I,T-218 tranny. Same specs though, what you doing with it?
Tubes etc?
Jim
WB2FCN

----- Original Message -----
From: Robert Moody <bobm@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Tuesday, July 31, 2001 4:50 PM
Subject: [T-368_BC-610] Modulation Transformer

> Can anyone on the reflector tell me if the following modulation
transformer
> is from a T-368?
>
> Chicago Transformer Corp
> B&W 13002
> TF1C14YY Special
>
> 20,300 ohm primary & 9100 ohm secondary
> 250 watt, 5000 vdc ins
> 300-3500 cps + or - 1 db.
>
>
> Thanks for any help
>
> 73,
>
> Bob, W4WSZ
>
>
>
>
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>

>

# 946. Rochester Hamfest?

Yahoo group: T-368_BC-610
Date: 2001-08-01 03:20:23 UTC
From: redmenaced@yahoo.com
Topic: 946  Message: 946

Ok,

So I guess no one's going to do a report on the hamfest that was several months ago.

I was there! I actually made it this year!

One thing I intended to do while there was to meet Gene Beckwith W8KXR, one of the members of this list, who I had been trying to get together with for three years! Now, understand, I had never seen him before, never met him, and didn't know what he looks like except for an image on the AM Window webpage where he's in a line of guys who setup a T-368 for mobile use at one of the past Rochester Hamfests with KG2IC.

Yes, it did rain at Rochester this year but the diehards paid it NO mind. While working through the remaining flea market Friday afternoon I happened on a fellow with a 'Nam style hat and a white beard just like the guy in the picture I had seen, so I took a wild shot,..... "Is your name Gene?" I asked. He looked up at me, he's about 5' 10, I'm 6'3", caught him by complete, awkward surprise. While he tried to remember if he knew me I let him off the hook by explaining where we'd made contact before. "How did you know it was me?", he asked in disbelief that anything could have given him away.

It was a clever disguise, but no one else had a boonie hat on that day!

Now, here's the good part! There weren't many people left at the flea market, some of the vendors were leaving in disgust, we were wondering if there was anything good left. Totally undaunted by the weather we assailed the remains of the vendor's area. The usual habit for Gene was still accessible the tarps don't cover what's under the tables. I made myself busy poking under the corners of the plastic covers, the vendors were helpful as long as it wasn't getting stuff wet, it didn't rain much after the first downpour, actually late Friday afternoon was great, no crowds! We had first choice of almost everything that was open.

There were more tubes this year than I've ever seen there before.

We talked to some engineers from Harris about the Desert Storm War and the KWM-2A, and cleaning sand from the air filters of the latest sand state equipment,..... get it? Pun, sand state,..... hehehe

One of them had a Bell & Howell oscilloscope setting in the mud, "You can have it if you get it out of here." Well, it works well after

dumping the sawdust out of it! Cheap mod-monitor.

Saw a big pile of Tek stuff with a sign "FREE" on it in the back of a pickup truck, forgot to go back, the tubes would have been worth picking up at the least.

The best part was when one of the gate guards asked what the show was all about,..... they had NO idea. So, stopped and explained about Amateur radio, emergency preparedness, training, hobbies. One of them was in Northern NY when that big ice storm hit and knew about what the Amateurs did to help there, they were the ONLY communication for a big wilderness area. I think I almost had the pretty one sold on getting a license.

I actually met William Perry, the connector dealer, good guy, very knowledgeable.

I saw two antenna tuners for the T-368's there, saw them twice, once for sale and once when the buyer took them apart and left the pieces he didn't want by the garbage cans! I now have a cover for mine that fits! Someone else carried off the chassis for another project, the rest is going ..... to an unknown place in someone's camper.

Ya' see? The diehards know that we can't let a little bad weather keep us from doing anything, that's the benefit of living in NY State, bad weather is no big deal here.

I bought a good 5933 for less than a dollar! Other small tubes I needed for $0.25 each!

It was good!

I saw two vacuum caps that might have fit into the T-368 for $65+-, condition unknown. No other parts for the T-3, some tuning coils for the BC-610, no other parts though.

SP-600 for too much, many other rigs for way-high dollars, too.

Where's the next one,.....?

Joe

# 947. needed: Tube socket extenders for testing voltages on tubes.

Yahoo group: T-368_BC-610
Date: 2001-08-03 04:24:21 UTC
From: aa9wqham@aol.com
Topic: 947  Message: 947

Anyone know where I can find tube socket extenders? 7 and 9 pin are
the ones I could use the most. I haven't had much luck finding them.
I have asked around to my local TV shops to see if any of the
oldtimers had any & have not had any luck. Thanks for any info.
Larry AA9WQ

# 948. Re: [T-368_BC-610] needed: Tube socket extenders for testing voltages on tubes.

Yahoo group: T-368_BC-610
Date: 2001-08-03 13:01:06 UTC
From: dharlan
Topic: 948  Message: 948

Hey Larry,

What you really want is the MX-1258/U TUBE SOCKET
ADAPTER KIT. Mine is from a Navy contract FEB-52. Has everything
you'll need. They show up on E-Thing once in a while. Got mine at
"fest 15 yeas ago or so, wouldn't part with it.

GL
Dan N8ETQ CLE

aa9wqham@... wrote:
>
> Anyone know where I can find tube socket extenders? 7 and 9 pin are
> the ones I could use the most. I haven't had much luck finding them.
> I have asked around to my local TV shops to see if any of the
> oldtimers had any & have not had any luck. Thanks for any info.
> Larry AA9WQ
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 949. T-368 Registry 8/6/01

Yahoo group: T-368_BC-610
Date: 2001-08-06 10:42:05 UTC
From: W2ZR@aol.com
Topic: 949  Message: 949

W2ZR  w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI  redmenaced@...
Bendix T-368 E #160
contract  3219-PP-59

WF2U  mbendror@...
B&W T-368E #628
contract  15117-PP-62

W8KXR  jtone@...
B&W T-368C  #216
contract  43056-P-55

Bendix T-368C  #209
contract  3219-PP-59

W4WSZ  bobm@...
Stromberg-Carlson T-368D #161

KF2JQ  jprusso@...
(awaiting details)

WB3FAU  wb3fau@hotmail.com
Oneida T-368F  #192
contract  15498-PP-63

KA3OTT  kazott@juno.com
B&W T-368C  #018
contract  43056-P-56

KW1I  Dale.Gagnon@compaq.com
AMF T-368A  #62
contract 25209-PHILA-54

W3NP  daveh@hereintown.net
B&W T-368E  #575
contract 15117-PP-62

KD1YT  tlewis@primmer.com
B&W  T-368E  #27
contract  15117-PP-62
overhauled at Pirmasens Army Depot

KX4R  kx4rgc@...
Crosley  T-368C  #560
contract  21316-PH-56

WB6DXR  lesterw@...
B&W  T-368  #18
contract  25633-Phila-53

W2HU  reid.j.hagan@...
T-368  #138
(awaiting details)

W7QHO  w7qho@...
B&W  T-368  #129
contract  25633-PHILA-53

Crosley  T-368C  #237
contract  28459-PH-55

K2AUS  w.d.gallagher@...
TRW  T-368F #303
contract  14527(E)

N4FS  n4fs@...
TRW  T-368F  #261
contract  14527(E)

WA1QHQ  mark.donaldson@...
B&W T-368  #32
contract  25070-Phila-54

AE4IN  ae4in@...
Daystrom T-368C  #46
contract  28597-Phil-55

W5BVB  plmills@attglobal.net
Oneida  T-368F  #19
contract  15498-PP-63

N4KIA  pradams@bellsouth.net
Crosley  T-368C  #275
contract  28459-PH-55

N2BC  n2bc@...
T-368C

K4BVQ  PHollifield@...
Bendix  T-368E  #118
contract  3219-PP-59
overhauled at Pirmasens Army Depot

KF4TP  olaf@...
TRW  T-368F  #190
contract 14527(E)

KE7KK  ke7kk@...
Stromber-Carlson T-368D  #33
contract #39692-PP-58

W9QM  r_longworth@...
Oneida T-368F  #149
contract 15498-PP-63

K9RJ  jandrjor@...
Stromberg-Carlson  T-368D  #55

WA6IUR  fly n ham@...
TRW  T-368F  #2
contract 14527(E)

W4TDC  WA4TDC@...
Crosley  T-368C #364
contract  28459-PH-55

K9XH  jleer@...
TRW  T-368F  #238
contract  14527(E)
overhauled at Pirmasens Army Depot

WA4KCY  sweetbay@...
TRW  T-368F  #358
contract  14527(E)

Tom Leiper (no call yet)  twleiper@juno.com
Ecco Electronic Components T-368F  #76
contract  DAAB05-67-C0022

K0WRX  PLCullum1823@...
B&W  T-368C  #305
contract  43056-P-56

W1ZD  w1nml@...
TRW  T-368F  #64
contract 14527(E)

K8OF  hamalot@...
T-368C
GDP 2/67

WB2FCN  chejmw@...u
Oneida  T-368F  #59
contract  15498-PP-63

WB6ACU  WB6ACU@...m
B&W T-368C  #285
contract  43056-P-56
overhauled at Pirmasens Army Depot

KD3FA  billn@...
B&W T-368E  #541
contract  11517-PP-62

W3TOY  wa3toj@...
B&W T-368  #13
contract  3472-Phila-52

B&W T-368E  #206
contract 15117-PP-62

W3PWW  (no email)
Crosley T-368C  #211
contract  28459-PH-55

W2HER  bobziolk@...
Bendix T-368E  #152
contract  3219-PP-59

WA0TSY  troy-aero@...
B&W  T-368C  #367
contract  43056-P-56
overhauled at Pirmasens

AA9WQ  aa9wqham@...
B&W  T-368  #22
contract  3472-PHILA-53
overhauled

W7XH billbraden@...
TRW T-368F #359
contract 14527(E)

[Non-text portions of this message have been removed]

# 950. AMers in Tuscon. Some nice shack photos.

Yahoo group: T-368_BC-610
Date: 2001-08-06 10:43:37 UTC
From: W2ZR@aol.com
Topic: 950  Message: 950

http://www.qsl.net/w7gmk/index.html

[Non-text portions of this message have been removed]

# 951. Knobs for Collins 75-A4

Yahoo group: T-368_BC-610
Date: 2001-08-08 14:00:40 UTC
From: Hagan, Reid J
Topic: 951  Message: 951

> A friend of mine asked that I post this request for him. He recently
> ordered a very nice 75-A4 that arrived with 5 of the knobs broken by the
> shipper, UPS. He is now trying to find replacement knobs in order to get
> the unit up to par. He needs the following knobs:
>
> (1) 4:1 Reduction Knob (Main Tuning)
> (2) of the larger knobs (AF and RF Gain Types)
> (2) of the smaller knobs (Noise Limiter & Rejection Tuning)
>
> If anyone has any of these knobs for sale, please contact Pete directly
> at: <wa3ew@...>
>
> Thanks, Reid, W2HU
>

# 952. HEADS' UP T-368 ALERT!

Yahoo group: T-368_BC-610
Date: 2001-08-09 02:28:18 UTC
From: James M. Walker
Topic: 952  Message: 952

Hello Fellow heavy lifters,
There is another T-368 on that E- place worth a look-see.

Jim
WB2FCN

# 953. Item # 1176040015

Yahoo group: T-368_BC-610
Date: 2001-08-09 10:34:40 UTC
From: W2ZR@aol.com
Topic: 953  Message: 953

Hi gang,
I noticed a manual for sale on eBay and thought I mention it here, in case someone's interested.

73,
Steve W2ZR

[Non-text portions of this message have been removed]

# 954. Re: [T-368_BC-610] HEADS' UP T-368 ALERT!

Yahoo group: T-368_BC-610
Date: 2001-08-09 15:56:46 UTC
From: James M. Walker
Topic: 952  Message: 954

RADIO TRANSMITTER T-368F/URT
Item # 1262773553
----- Original Message -----
From: W2ZR@...
To: chejmw@...
Sent: Thursday, August 09, 2001 6:22 AM
Subject: Re: [T-368_BC-610] HEADS' UP T-368 ALERT!

Hi,
Did u save the auction page? I just did a search for T-368 on eBay
and only found a coil. Thanks.

73,
Steve W2ZR

[Non-text portions of this message have been removed]

# 955. UCS 300 vac variable for T-368

Yahoo group: T-368_BC-610
Date: 2001-08-10 00:53:51 UTC
From: W2ZR@aol.com
Topic: 955  Message: 955

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1263094254

[Non-text portions of this message have been removed]

# 956. There is a BC-610 manual up for auction

Yahoo group: T-368_BC-610
Date: 2001-08-11 22:19:43 UTC
From: Jim Berry
Topic: 956  Message: 956

Hi Group,

I was scrounging around on eBay, and came across #1176663844. It is
TM 11-826 manual for the 610.

73 Jim K7SLI

---
Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (http://www.grisoft.com).
Version: 6.0.268 / Virus Database: 140 - Release Date: 8/7/2001

# 957. here's another vac variable for a T-368

Yahoo group: T-368_BC-610
Date: 2001-08-12 22:35:41 UTC
From: W2ZR@aol.com
Topic: 957  Message: 957

eBay item 1264112779 (Ends Aug-18-01 14:39:35 PDT ) - Jennings Radio Type UCSXF tube - Ham Radio (http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1264112779) [Non-text portions of this message have been removed]

# 958. Picture of MY station, KG2CI

Yahoo group: T-368_BC-610
Date: 2001-08-13 01:11:11 UTC
From: redmenaced@yahoo.com
Topic: 958  Message: 958

http://groups.yahoo.com/group/T-368_BC-610/files/radio%201.jpg

# 959. Photo of my station with the T3 and 390A

Yahoo group: T-368_BC-610
Date: 2001-08-13 12:40:43 UTC
From: Bruce J. Howes
Topic: 959  Message: 959

My shack back in Buffalo, soon to be moved to Maine.

-Bruce KG2IC

http://home.maine.rr.com/bhowes/images/Solidstate_Stn.JPG

# 960. T-368 Registry 8/14/01

Yahoo group: T-368_BC-610
Date: 2001-08-14 09:21:50 UTC
From: W2ZR@aol.com
Topic: 960  Message: 960

W2ZR  w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI  redmenaced@...
Bendix T-368 E #160
contract  3219-PP-59

WF2U  mbendror@...
B&W T-368E #628
contract  15117-PP-62

W8KXR  jtone@...
B&W T-368C  #216
contract  43056-P-55

Bendix T-368C  #209
contract  3219-PP-59

W4WSZ  bobm@...
Stromberg-Carlson T-368D #161

KF2JQ  jprusso@...
AMF T-368A #69
contract 25209-PHILA-54

WB3FAU  wb3fau@...
Oneida T-368F  #192
contract  15498-PP-63

KA3OTT  kazott@...
B&W T-368C  #018
contract  43056-P-56

KW1I  Dale.Gagnon@...
AMF T-368A  #62
contract 25209-PHILA-54

W3NP  daveh@...
B&W T-368E  #575
contract 15117-PP-62

KD1YT  tlewis@...
B&W  T-368E  #27
contract  15117-PP-62
overhauled at Pirmasens Army Depot

KX4R  kx4rgc@...
Crosley  T-368C  #560
contract  21316-PH-56

WB6DXR  lesterw@...
B&W  T-368  #18
contract  25633-Phila-53

W2HU  reid.j.hagan@lmco.com
T-368  #138
(awaiting details)

W7QHO  w7qho@...
B&W  T-368  #129
contract  25633-PHILA-53

Crosley  T-368C  #237
contract  28459-PH-55

K2AUS  w.d.gallagher@worldnet.att.net
TRW  T-368F #303
contract  14527(E)

N4FS  n4fs@monmouth.com
TRW  T-368F  #261
contract  14527(E)

WA1QHQ  mark.donaldson@...
B&W T-368  #32
contract  25070-Phila-54

AE4IN  ae4in@...
Daystrom T-368C  #46
contract  28597-Phil-55

W5BVB  plmills@...
Oneida  T-368F  #19
contract  15498-PP-63

N4KIA  pradams@...
Crosley  T-368C  #275
contract  28459-PH-55

N2BC  n2bc@...
T-368C

K4BVQ  PHollifield@charlottepipe.com
Bendix  T-368E  #118
contract  3219-PP-59
overhauled at Pirmasens Army Depot

KF4TP  olaf@...
TRW  T-368F  #190
contract 14527(E)

KE7KK  ke7kk@...
Stromber-Carlson T-368D  #33
contract #39692-PP-58

W9QM  r_longworth@...
Oneida T-368F  #149
contract 15498-PP-63

K9RJ  jandrjor@...
Stromberg-Carlson  T-368D  #55

WA6IUR  fly n ham@...
TRW  T-368F  #2
contract 14527(E)

W4TDC  WA4TDC@...
Crosley  T-368C #364
contract  28459-PH-55

K9XH  jleer@...
TRW  T-368F  #238
contract  14527(E)
overhauled at Pirmasens Army Depot

WA4KCY  sweetbay@...
TRW  T-368F  #358
contract  14527(E)

Tom Leiper (no call yet)  twleiper@...
Ecco Electronic Components T-368F  #76
contract  DAAB05-67-C0022

K0WRX  PLCullum1823@...
B&W  T-368C  #305
contract  43056-P-56

W1ZD  w1nml@...
TRW  T-368F  #64
contract 14527(E)

K8OF  hamalot@...
T-368C
GDP 2/67

WB2FCN  chejmw@...
Oneida  T-368F  #59
contract  15498-PP-63

WB6ACU  WB6ACU@...
B&W T-368C  #285
contract  43056-P-56
overhauled at Pirmasens Army Depot

KD3FA  billn@...
B&W T-368E  #541
contract  11517-PP-62

W3TOY  wa3toj@...
B&W T-368  #13
contract  3472-Phila-52

B&W T-368E  #206
contract 15117-PP-62

W3PWW  (no email)
Crosley T-368C  #211
contract  28459-PH-55

W2HER  bobziolk@...
Bendix T-368E  #152
contract  3219-PP-59

WA0TSY  troy-aero@...
B&W  T-368C  #367
contract  43056-P-56
overhauled at Pirmasens

AA9WQ  aa9wqham@...
B&W  T-368  #22
contract  3472-PHILA-53
overhauled

W7XH  billbraden@...
TRW  T-368F  #359
contract 14527(E)

KG2IC kg2ic@...
T-368F

[Non-text portions of this message have been removed]

# 961. T-368 N9FOY Schematics Needs

Yahoo group: T-368_BC-610
Date: 2001-08-14 17:13:47 UTC
From: Bruce James Howes
Topic: 961  Message: 961

Hello gang,

As some of you know, I have recently relocated to Portland, Maine.

I am into process of getting my T368 Resource Site back up (thanks to Steve for saving a printed copy for me)
I now have to retype the entire 25 page site as during my move I lost or misplaced the ZIP disc that had my website info on it.

You can view the humble beginnings here ->
http://home.maine.rr.com/bhowes/t368_info_site.htm

So I am looking for scanned images of the N9FOY audio mod for the T3. If you have the scanned images, or could scan in the paper copy, I would really appreciate if you would email them to me.

Also interested in other T3 images, line art, photos and such as I get the site back up.

Thanks for your help, and I hope to catch you on the air!

73,
Bruce KG2IC

**********
Bruce James Howes
email: kg2ic@...
web: http://home.maine.rr.com/bhowes
"Imagination is more important than knowledge." -Albert Einstein
**********

[Non-text portions of this message have been removed]

# 962. T-368 Registry 8/15/01

Yahoo group: T-368_BC-610
Date: 2001-08-15 01:41:04 UTC
From: W2ZR@aol.com
Topic: 962  Message: 962

W2ZR  w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI  redmenaced@...
Bendix T-368 E #160
contract  3219-PP-59

WF2U  mbendror@...
B&W T-368E #628
contract  15117-PP-62

W8KXR  jtone@...
B&W T-368C  #216
contract  43056-P-55

Bendix T-368C  #209
contract  3219-PP-59

W4WSZ  bobm@...
Stromberg-Carlson T-368D #161

KF2JQ  jprusso@...
AMF  T-368A #69
contract  25209-PHILA-54

WB3FAU  wb3fau@...
Oneida T-368F  #192
contract  15498-PP-63

KA3OTT  kazott@...
B&W T-368C  #018
contract  43056-P-56

KW1I  Dale.Gagnon@...
AMF T-368A  #62
contract 25209-PHILA-54

W3NP  daveh@...
B&W T-368E  #575
contract 15117-PP-62

KD1YT  tlewis@...
B&W  T-368E  #27
contract  15117-PP-62
overhauled at Pirmasens Army Depot

KX4R  kx4rgc@...
Crosley  T-368C  #560
contract  21316-PH-56

WB6DXR  lesterw@jps.net
B&W  T-368  #18
contract  25633-Phila-53

W2HU  reid.j.hagan@lmco.com
T-368  #138
(awaiting details)

W7QHO  w7qho@...
B&W  T-368  #129
contract  25633-PHILA-53

Crosley  T-368C  #237
contract  28459-PH-55

K2AUS  w.d.gallagher@worldnet.att.net
TRW  T-368F #303
contract  14527(E)

N4FS  n4fs@monmouth.com
TRW  T-368F  #261
contract  14527(E)

WA1QHQ  mark.donaldson@...
B&W T-368  #32
contract  25070-Phila-54

AE4IN  ae4in@...
Daystrom T-368C  #46
contract  28597-Phil-55

W5BVB  plmills@...
Oneida  T-368F  #19
contract  15498-PP-63

N4KIA  pradams@...
Crosley  T-368C  #275
contract  28459-PH-55

N2BC  n2bc@...
T-368C

K4BVQ  PHollifield@...
Bendix  T-368E  #118
contract  3219-PP-59
overhauled at Pirmasens Army Depot

KF4TP  olaf@...
TRW  T-368F  #190
contract 14527(E)

KE7KK  ke7kk@...
Stromber-Carlson T-368D  #33
contract #39692-PP-58

W9QM  r_longworth@...
Oneida T-368F  #149
contract 15498-PP-63

K9RJ  jandrjor@...
Stromberg-Carlson  T-368D  #55

WA6IUR  fly n ham@...
TRW  T-368F  #2
contract 14527(E)

W4TDC  WA4TDC@...
Crosley  T-368C #364
contract  28459-PH-55

K9XH  jleer@...
TRW  T-368F  #238
contract  14527(E)
overhauled at Pirmasens Army Depot

WA4KCY  sweetbay@...
TRW  T-368F  #358
contract  14527(E)

Tom Leiper (no call yet)  twleiper@...
Ecco Electronic Components T-368F  #76
contract  DAAB05-67-C0022

K0WRX  PLCullum1823@...
B&W  T-368C  #305
contract  43056-P-56

W1ZD  w1nml@...
TRW  T-368F  #64
contract 14527(E)

K8OF  hamalot@...
T-368C
GDP 2/67

WB2FCN  chejmw@...
Oneida  T-368F  #59
contract  15498-PP-63

WB6ACU  WB6ACU@...
B&W T-368C  #285
contract  43056-P-56
overhauled at Pirmasens Army Depot

KD3FA  billn@...
B&W T-368E  #541
contract  11517-PP-62

W3TOY  wa3toj@...
B&W T-368  #13
contract  3472-Phila-52

B&W T-368E  #206
contract 15117-PP-62

W3PWW  (no email)
Crosley T-368C  #211
contract  28459-PH-55

W2HER  bobziolk@...
Bendix T-368E  #152
contract  3219-PP-59

WA0TSY  troy-aero@...
B&W  T-368C  #367
contract  43056-P-56
overhauled at Pirmasens Army Depot

AA9WQ  aa9wqham@...
B&W  T-368  #22
contract  3472-PHILA-53
overhauled

W7XH  billbraden@...
TRW  T-368F  #359
contract 14527(E)

KG2IC  kg2ic@...
T-368F

KC8CU ramsta@...
B&W T-368 #82
contract 25633-PH-53
overhauled at Lexington Blue Grass Army Depot

[Non-text portions of this message have been removed]

# 963. Re: Welcome to T-368_BC-610

Yahoo group: T-368_BC-610
Date: 2001-08-15 02:03:05 UTC
From: Joe Foley
Topic: 893  Message: 963

--- W2ZR@... wrote:
> Hi Mike,
> What's "RVN"?
>
> 73,
> Steve W2ZR
++++++++
Republic of Vietnam

And I'll take this opportunity to ask that anyone who knows of anyone that was a doghandler in Vietnam to contact me. Many of them don't realize that there is an organization comprised of former MP's, sentries, mine and tunnel dog handlers, trackers, and boobytrap dog handlers out there looking for them.

Ok, ok, enough of that. Back to radios.

Joe

_____
Do You Yahoo!?
Make international calls for as low as $.04/minute with Yahoo! Messenger
http://phonecard.yahoo.com/

# 964. URL for uploading pictures

Yahoo group: T-368_BC-610
Date: 2001-08-15 15:34:29 UTC
From: redmenaced@yahoo.com
Topic: 964  Message: 964

http://groups.yahoo.com/group/T-368_BC-610/files/

This is where to put pictures of your transmitter for all to see.

Joe

# 965. New file uploaded to T-368_BC-610

Yahoo group: T-368_BC-610
Date: 2001-08-15 15:41:13 UTC
From: T-368_BC-610@yahoogroups.com
Topic: 965  Message: 965

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the T-368_BC-610
group.

File : /t3n390a.jpg
Uploaded by : kg2ic@...
Description : KG2IC's T-368/R390A Station

You can access this file at the URL

http://groups.yahoo.com/group/T-368_BC-610/files/t3n390a.jpg

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

kg2ic@...

# 966. New file uploaded to T-368_BC-610

Yahoo group: T-368_BC-610
Date: 2001-08-16 03:19:31 UTC
From: T-368_BC-610@yahoogroups.com
Topic: 965  Message: 966

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the T-368_BC-610
group.

File : /mainstation-camera.jpg
Uploaded by : daveh@...
Description : Older View of Main Station

You can access this file at the URL

http://groups.yahoo.com/group/T-368_BC-610/files/mainstation-camera.jpg

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

daveh@...

# 967. Homebrew Choke for PA Deck Mod.

Yahoo group: T-368_BC-610
Date: 2001-08-16 17:00:54 UTC
From: daveh@hereintown.net
Topic: 967  Message: 967

After deciding to make the mod to my PA to improve the high frequency audio response I gathered together the necessary parts - several 500pf 20kv doorknob caps and a B&W 800 plate choke that I had on hand. I had doubts about the chokes abilities on 160 but went ahead anyway. Upon testing of the modified deck it became quite apparent that that 800 was not going to do the job on 160 (good very hot and affected the tuning) and really was a bit low on inductance even on 75. (The 800 is a 90uh choke). I know of several who had wound up there own chokes but I didn't have any suitable standard form material such as ceramic of Delrin. I was never a fan of using PVC for RF applications but after a suggestion by K1JJ who swears by it for choke rolling I went to the local hardware store and had what I needed to make the choke for less than $2.

I used standard 3/4" PVC which has an OD of approx 1 1/8". I cut an 8" piece which is as tall as can be mounted in the T3 and used an abrasive hand cleaner to make it look nice. I wound 260 turns of #26 enamaled wire (available at your local motor shop) close spaced which amounts to about 5 3/4" of winding. I used spade bolts to mount the choke to the chassis and soldered a nut to a 1 1/8" dia washer and epoxied this to the top for using a screw to attach the straps going to the tank coil and tube. The finished product looked almost commercial. Now how does it work...So far, very well. Runs cool on all bands. I have used it on 160, 75, 40, 20 and even 15 just to see if it would work there. A grid dip check showed a few series resonances..at 12.1, 18.9 and around 27. The calculated value of the choke was 270uh and a check on a HP bridge (a new fest find) showed it to be 305uh.

I have posted a few pix in the file area to show what the choke looks like and also how and where I mounted it. I have since removed the HV from the plate meter (it's now a cathode meter) so the HV wiring shown in the picture going to the front panel is no longer there.

Since building the choke I have acquired some Delrin rod but I really think the PVC will be fine.

BTW: PVC is great to drill and self taps with slightly larger hardware than the drilled hole.

# 968. T368 Resource Site Back Up!

Yahoo group: T-368_BC-610
Date: 2001-08-16 21:29:50 UTC
From: Bruce James Howes
Topic: 968  Message: 968

Thanks to the assistance of W2ZR and W6JOD, the T368 site is now back up. T

On the site you will find tech info, tube line, tips, fixes, mods, etc for
this fine BA.

Feel free to email your contributions.

a.. T368 Info/Resource Site
73 Bruce KG2IC

**********
Bruce James Howes
email: kg2ic@...
web: http://home.maine.rr.com/bhowes
"Imagination is more important than knowledge." -Albert Einstein
**********

[Non-text portions of this message have been removed]

# 969. Correct URL for T3 Resourse Site

Yahoo group: T-368_BC-610
Date: 2001-08-16 21:32:29 UTC
From: Bruce James Howes
Topic: 969  Message: 969

Sorry gang, looks like Yahoo did not like my pasted in URL for the site.

Try this one -> http://home.maine.rr.com/bhowes/t368_info_site.htm

Bruce KG2IC

**********
Bruce James Howes
email: kg2ic@...
web: http://home.maine.rr.com/bhowes
"Imagination is more important than knowledge." -Albert Einstein
**********

[Non-text portions of this message have been removed]

# 970. Addendum/Correction to Homebrew Choke Post

Yahoo group: T-368_BC-610
Date: 2001-08-17 14:24:22 UTC
From: daveh@hereintown.net
Topic: 970  Message: 970

The wire I used was #24 and NOT #26 as stated in the post. I had #22 and #24 but decided to use the smaller to get more turns.

Dave/W3NP

# 971. Catalog in the mail!

Yahoo group: T-368_BC-610
Date: 2001-08-23 01:02:57 UTC
From: redmenaced@yahoo.com
Topic: 971  Message: 971

Pertaining to the recent coil construction posts:

The newest Hosfelt catalog came in the mail today. On page 17 they have magnet wire, 400 feet of 24 gauge for $6.75. Also, they show 20 gauge, 112 feet for $2.25!

Then I saw, on page 83, they have a huge resistor, 10" long and 1 1/4" in diameter, 50 ohms at 225 WATTS!!!! $4.95

What kind of dummy load could you make with that with a fan blowing down the middle of the resistors? Two in parallel, that is 450 watts, right?

Joe

# 972. New file/picture

Yahoo group: T-368_BC-610
Date: 2001-08-23 01:17:20 UTC
From: redmenaced@yahoo.com
Topic: 972  Message: 972

I just uploaded a picture of the ME-165 dummy load and the T-368 antenna tuner, I'm not 100% sure which one it is but I suspect its the BC-939.

Also, since the picture shows a medallion with the name "Beckwith" on it I suspect that the source of this picture is Gene Beckwith W8KXR in Ohio.

A person whom I haven't heard from since the Rochester Hamfest!!

Joe

# 973. Re: [T-368_BC-610] Catalog in the mail!

Yahoo group: T-368_BC-610
Date: 2001-08-23 02:18:23 UTC
From: Tom Nicholson
Topic: 971  Message: 973

Yup, and I believe 25 ohms! I think maybe you want to put 2 in series and run them in parallel with two others in series?

redmenaced@... wrote:

> Pertaining to the recent coil construction posts:
>
> The newest Hosfelt catalog came in the mail today. On page 17 they
> have magnet wire, 400 feet of 24 gauge for $6.75. Also, they show 20
> gauge, 112 feet for $2.25!
>
> Then I saw, on page 83, they have a huge resistor, 10" long and 1
> 1/4" in diameter, 50 ohms at 225 WATTS!!!! $4.95
>
> What kind of dummy load could you make with that with a fan blowing
> down the middle of the resistors? Two in parallel, that is 450
> watts, right?
>
> Joe
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 974. Re: [T-368_BC-610] Catalog in the mail!

Yahoo group: T-368_BC-610
Date: 2001-08-23 14:42:48 UTC
From: Bill
Topic: 971  Message: 974

Just my 2¢ worth on the resistors....
Best hope they are the non-inductive type. they work lots better for dummy loads.
73's Bill W2HYN

At 10:18 PM 8/22/01 -0400, you wrote:
>Yup, and I believe 25 ohms! I think maybe you want to put 2 in series and run
>them in parallel with two others in series?
>
>redmenaced@... wrote:
>
>> Pertaining to the recent coil construction posts:
>>
>> The newest Hosfelt catalog came in the mail today. On page 17 they
>> have magnet wire, 400 feet of 24 gauge for $6.75. Also, they show 20
>> gauge, 112 feet for $2.25!
>>
>> Then I saw, on page 83, they have a huge resistor, 10" long and 1
>> 1/4" in diameter, 50 ohms at 225 WATTS!!!! $4.95
>>
>> What kind of dummy load could you make with that with a fan blowing
>> down the middle of the resistors? Two in parallel, that is 450
>> watts, right?
>>
>> Joe
>>
>>
>>
>>
>> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
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>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
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# 975. Re: [T-368_BC-610] Catalog in the mail!

Yahoo group: T-368_BC-610
Date: 2001-08-23 15:08:49 UTC
From: Jeff/W5OMR
Topic: 971  Message: 975

brings up a point - I have 4, 50phm resistors configure in series parallel, and what I thought was to be a 1.1:1 SWR turns out to be more like 3.0:1

160w NI long resistors.

Any thoughts?
Just my 2¢ worth on the resistors....
Best hope they are the non-inductive type. they work lots better for dummy loads.
73's Bill W2HYN

[Non-text portions of this message have been removed]

# 976. Non-Inductive resistors

Yahoo group: T-368_BC-610
Date: 2001-08-23 16:20:15 UTC
From: Bill
Topic: 976  Message: 976

If my memory serves me right a non-inductive resistor would be a carbon, carbon film or a wire wound that is wound back on itself cancelling the inductance.
I use a large 50 ohm carbon film (wattage rating unknown) but have loaded it to 600 w from a BC610 and have near 1:1 SWR.
Jeff, are you sure those 160 watters are NI?
73 Bill W2HYN

>X-Apparently-From: <w5omr@...>
Reply-To: "Jeff/W5OMR" <w5omr@...>
From: "Jeff/W5OMR" <w5omr@...>
To: <T-368_BC-610@yahoogroups.com>, "Bill" <w2hyn@...>
Subject: Re: [T-368_BC-610] Catalog in the mail!
Date: Thu, 23 Aug 2001 10:08:49 -0500
X-MSMail-Priority: Normal
X-Mailer: Microsoft Outlook Express 6.00.2462.0000
X-MIMEOLE: Produced By Microsoft MimeOLE V6.00.2462.0000

brings up a point - I have 4, 50phm resistors configure in series parallel, and what I thought was to be a 1.1:1 SWR turns out to be more like 3.0:1

160w NI long resistors.

# 977. Re: [T-368_BC-610] New file uploaded to T-368_BC-610

Yahoo group: T-368_BC-610
Date: 2001-08-24 04:20:18 UTC
From: Joe Munson
Topic: 977  Message: 977

Group,

I have read about people doing the PA Mods, removing the HV from the Tank Circuit, Meter, etc, and seems most who do this, have some sort of problem. Just curious, but Why do the Mods?. The Radio seems to work FB as is. I feel mine has been rode hard and put up wet many more times than not. Plus, who knows the history of the rig after its Military Service.

If these mods affect the life of the rig, such as keeping something from smoking, let me know. It appears that possibly the meter could be prone to flashover, under some conditions. But the insulation around it appears to be in fine condition. It is going measure the same current no mater where it is in the circuit and take the same abuse to the movement.

I like the audio just the way it sounds. Lots of punch, not much bass, and thus gets through the noise better than some of those really bassie sounding rigs so prevalent on the AM freqs. Sounds much like a Telephone. It seems to look good on the scope just as it sits. I use a M 26 carbon mic with the rig, as it sounded pretty bad with the Magnetic Mic I tried with it. (through a pre-amp into the 600 ohm line input) Is there worth while advantage to doing all the audio mods other than trying to simulate a Broadcast Transmitter? I don't plan to play music through it.

I have not had it on the air as of yet, just playing it into the dummy load for now. I plan to get it on the Old Time Mil Radio 3885 Saturday Morning Net soon.

Thanks,
WA4VAG
joe

T368 C/URT
Serial # 353
Crosley Div. of Avco Mfg. Corp.
Order # 28459-PH-55

[Non-text portions of this message have been removed]

# 978. Re: [T-368_BC-610] New file uploaded to T-368_BC-610

Yahoo group: T-368_BC-610
Date: 2001-08-24 04:37:02 UTC
From: w7qho@aol.com
Topic: 977  Message: 978

In a message dated 8/23/01 9:02:52 PM, prc74b@... writes (in part):

>I have read about people doing the PA Mods, removing the HV from the Tank
>Circuit, Meter, etc, and seems most who do this, have some sort of problem.
> Just curious, but Why do the Mods?. The Radio seems to work FB as is.
>

Joe,

Because we're Hams and it's fun to mess around inside these old rigs.

Dennis D. W7QHO
Glendale, CA

T368 "Basic" and "C" models, both minimally improved.

# 979. Re: [T-368_BC-610] New file uploaded to T-368_BC-610

Yahoo group: T-368_BC-610
Date: 2001-08-24 15:26:14 UTC
From: James M. Walker
Topic: 977  Message: 979

Excellent Joe Munson,
I've been reading the same sort of things about the T-368s, and wondering the same thing. The transmitters were DESIGNED for 24/7 operation, whether in "Fixed Plant" or mobile use, Hot weather, Cold weather no problem. When used in the AN/GRC-26D setup they are bounced around mobile on the back of a "Deuce and a Half" truck, operated mobile rolling up highway 95 in the USA and highway 1 in the hills of P.R. So I wonder if they worked so well for so long in their INTENDED application, "Why would they need to be MODIFIED at all?", it doesn't get any better performance out of the transmitter. Communications wise, "some" of the "modified T-368s" I've heard have great carriers and "NO" audio.

The BC-610s worked essentially the same way, and it seems all anyone wants to do with them is make them more of a "Broadcast Quality" AM transmitter. Some say for "safety reasons the mods should be made to prevent the "operator" from inadvertently getting across high voltage in the RF deck. Well if you are working on the RF deck it is probably pulled out and you have to make "serious" jumpering schemes to ENABLE the high voltage, which means YOU know the deck is HOT because you did it.

In answer to the "History question" the answer is no one! Lots of these rigs ended up in the mars program where some were MODIFIED to run as "Linear" amplifiers bypassing, "sometimes documented", modulator circuitry. They were later sold to someone who wanted to "restore it to original" and the documentation got lost, eaten by the cat, burned in a volcano, or "I just can't find it", gone. A newly designed transmitter is prone to all the defects some find in the T-368 arcing, noisy fan motors, clogged intake filters. These transmitters have lasted this long, to be handed in some cases very unceremoniously to the Amateur Community. Where they are placed in a comfortable place for the "operator" to be, they generate heat, and require massive amounts of AC power. I think these folks just like to complain about the "OLD" technology, but consider the ease with which that same technology is brought back to a usable state.

Keep it the way it works best Joe Munson, and it will out last the "changers" and all of us "others".
Jim
WB2FCN
"My Portable radio station Consists of a T-368 an R-390A and a 47 foot

military base fed vertical, I just can't carry it"

> Group,
>
> I have read about people doing the PA Mods, removing the HV from the Tank Circuit, Meter, etc, and seems most who do this, have some sort of problem. Just curious, but Why do the Mods?. The Radio seems to work FB as is. I feel mine has been rode hard and put up wet many more times than not. Plus, who knows the history of the rig after its Military Service.
>
> If these mods affect the life of the rig, such as keeping something from smoking, let me know. It appears that possibly the meter could be prone to flashover, under some conditions. But the insulation around it appears to be in fine condition. It is going measure the same current no mater where it is in the circuit and take the same abuse to the movement.
>
> I like the audio just the way it sounds. Lots of punch, not much bass, and thus gets through the noise better than some of those really bassie sounding rigs so prevalent on the AM freqs. Sounds much like a Telephone. It seems to look good on the scope just as it sits. I use a M 26 carbon mic with the rig, as it sounded pretty bad with the Magnetic Mic I tried with it. (through a pre-amp into the 600 ohm line input) Is there worth while advantage to doing all the audio mods other than trying to simulate a Broadcast Transmitter? I don't plan to play music through it.
>
> I have not had it on the air as of yet, just playing it into the dummy load for now. I plan to get it on the Old Time Mil Radio 3885 Saturday Morning Net soon.
>
> Thanks,
> WA4VAG
> joe
>
> T368 C/URT
> Serial # 353
> Crosley Div. of Avco Mfg. Corp.
> Order # 28459-PH-55
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

>

# 980. Re: [T-368_BC-610] New file uploaded to T-368_BC-610

Yahoo group: T-368_BC-610
Date: 2001-08-24 16:30:09 UTC
From: Joe Foley
Topic: 977  Message: 980

--- w7qho@... wrote:
>
> In a message dated 8/23/01 9:02:52 PM,
> prc74b@... writes (in part):
>
> >I have read about people doing the PA Mods,
> removing the HV from the Tank
> >Circuit, Meter, etc, and seems most who do this,
> have some sort of problem.
> > Just curious, but Why do the Mods?. The Radio
> seems to work FB as is.
> >
>
> Joe,
>
> Because we're Hams and it's fun to mess around
> inside these old rigs.
>
> Dennis D. W7QHO
> Glendale, CA
>
> T368 "Basic" and "C" models, both minimally
> improved.
++++++++
Yes, those two comments cover it well.

Besides, that's what we're supposed to be doing,
experimentation and training.

JOe KG2CI

_____
Do You Yahoo!?
Make international calls for as low as $.04/minute with Yahoo! Messenger
http://phonecard.yahoo.com/

# 981. BC-610 stuff, etc. for sale

Yahoo group: T-368_BC-610
Date: 2001-08-24 16:37:38 UTC
From: redmenaced@yahoo.com
Topic: 981  Message: 981

Taken from the AM Window BBS webpage:

I have a BC-610E 90% complete,tuning unit section in need of repair.
Power supply & mod deck complete needs TLC-repairable.---$500.00 OBO
BC-610E Plate xfrm $75.00
BC-610E Mod xfrm $75.00
R-390A good shape works but has problem with AGC restorable $250.00
OBO
BC-348 with built in power supply radio dose not work needs repair
$50.00 OBO
contact via E-mail jshults@...

# 982. Wholly cow! I missed it!

Yahoo group: T-368_BC-610
Date: 2001-08-25 01:36:44 UTC
From: redmenaced@yahoo.com
Topic: 982  Message: 982

As of last Thursday this list is two years old!!

We have accumulated 113 people interested in T-368's and BC-610's!!

I can only hope that everyone has gotten as much out of this as I have.

Thank you all for your participation,

Joe KG2CI

# 983. How about a Net?

Yahoo group: T-368_BC-610
Date: 2001-08-25 14:30:55 UTC
From: WB6ACU@aol.com
Topic: 983  Message: 983

Hey
Might be a good idea to at least start some dialogue-
How about a Net?
wb6acu

# 984. T-368/BC-610 Net night!

Yahoo group: T-368_BC-610
Date: 2001-08-25 16:38:05 UTC
From: redmenaced@yahoo.com
Topic: 984  Message: 984

September 1, 3.885 MHz, 8:00 PM Eastern

Joe KG2CI

# 985. RE: [T-368_BC-610] T-368/BC-610 Net night!

Yahoo group: T-368_BC-610
Date: 2001-08-25 19:00:19 UTC
From: Bruce James Howes
Topic: 984  Message: 985

Great idea on the T368/BC610 net!

Respectfully, I personally don't think it is a good idea to run nets in the AM window.

Why not use a freq out of the window, say 3.815? The Buffalo AM gang has been operating there for years.

You can operate AM anywhere in the Fone band, and by having several AM QSOs going at once across the band it reinforces to those that do not partake that AM can and will be found anywhere in the Fone band.

What do you guys think?

73 Bruce KG2IC
T368F

**********
Bruce James Howes
email: kg2ic@...
web: http://home.maine.rr.com/bhowes
"Imagination is more important than knowledge." -Albert Einstein
**********
-----Original Message-----
From: redmenaced@... [mailto:redmenaced@...]
Sent: Saturday, August 25, 2001 12:38 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] T-368/BC-610 Net night!

September 1, 3.885 MHz, 8:00 PM Eastern

Joe KG2CI

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[Non-text portions of this message have been removed]

# 986. RE: [T-368_BC-610] T-368/BC-610 Net night!

Yahoo group: T-368_BC-610
Date: 2001-08-25 20:50:10 UTC
From: WF2U
Topic: 984  Message: 986

I also think that it's a great idea to have a T-368/BC-610 net.
However, the East-Coast OMRN (Old Military Radio Net) is already in existence and meets each Saturday starting at 5:30 AM on 3885 KHz. Of course, many of us who participate in this net, run T-368's and BC-610's anyway, so all owners of such "Old Military Radios" should check in the OMRN.
Just a thought - because there is net activity on 3885, maybe it'll bring more T-368/BC-610 owners out of the woodwork...

73, Meir WF2U

-----Original Message-----
Great idea on the T368/BC610 net!

Respectfully, I personally don't think it is a good idea to run nets in the AM window.

Why not use a freq out of the window, say 3.815? The Buffalo AM gang has been operating there for years.

You can operate AM anywhere in the Fone band, and by having several AM QSOs going at once across the band it reinforces to those that do not partake that AM can and will be found anywhere in the Fone band.

What do you guys think?

73 Bruce KG2IC
T368F

**********
---Original Message-----
From: redmenaced@... [mailto:redmenaced@...]
Sent: Saturday, August 25, 2001 12:38 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] T-368/BC-610 Net night!

September 1, 3.885 MHz, 8:00 PM Eastern

Joe KG2CI

# 987. Re: [T-368_BC-610] T-368/BC-610 Net night!

Yahoo group: T-368_BC-610
Date: 2001-08-26 01:00:29 UTC
From: Jeff/W5OMR
Topic: 984  Message: 987

It's as simple as this, Guys...

the AM "window" is from 3.870 to 3.890, right?

Most AM QSO's are from 3.880 to 3.885, right?

Designate the Net freq to be 3.875.
I also think that it's a great idea to have a T-368/BC-610 net.
However, the East-Coast OMRN (Old Military Radio Net) is already in existence and meets each Saturday starting at 5:30 AM on 3885 KHz. Of course, many of us who participate in this net, run T-368's and BC-610's anyway, so all owners of such "Old Military Radios" should check in the OMRN.
Just a thought - because there is net activity on 3885, maybe it'll bring more T-368/BC-610 owners out of the woodwork...

73, Meir WF2U

-----Original Message-----
Great idea on the T368/BC610 net!

Respectfully, I personally don't think it is a good idea to run nets in the AM window.

Why not use a freq out of the window, say 3.815? The Buffalo AM gang has been operating there for years.

You can operate AM anywhere in the Fone band, and by having several AM QSOs going at once across the band it reinforces to those that do not partake that AM can and will be found anywhere in the Fone band.

What do you guys think?

73 Bruce KG2IC
T368F

**********
---Original Message-----
From: redmenaced@... [mailto:redmenaced@...]
Sent: Saturday, August 25, 2001 12:38 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] T-368/BC-610 Net night!

September 1, 3.885 MHz, 8:00 PM Eastern

Joe KG2CI

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[Non-text portions of this message have been removed]

# 988. Re: [T-368_BC-610] How about a Net?

Yahoo group: T-368_BC-610
Date: 2001-08-26 01:19:01 UTC
From: brronk777@aol.com
Topic: 983  Message: 988

In a message dated 8/25/01 10:31:46 AM Eastern Daylight Time, WB6ACU@...
writes:

<< WB6ACU@... >>

Sounds like a good idea to me. Let's do it!

73, Ron K -- W1ARS

ARRL -- QCWA -- FISTS -- AWA -- SOWP

# 989. Re: [T-368_BC-610] T-368/BC-610 Net night!

Yahoo group: T-368_BC-610
Date: 2001-08-26 20:01:55 UTC
From: Doug Wherry
Topic: 984  Message: 989

The Net sounds great.Some of us may work saturdays,or have other plans like fishing and Golf.Anyway it would be a net day time ,not a net night time.Why not just try somthing and see what happens.My T-368 is just wanting to get the dust burnt off it.73's DOUG K8OF.
----- Original Message -----
From: Jeff/W5OMR <w5omr@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Saturday, August 25, 2001 6:00 PM
Subject: Re: [T-368_BC-610] T-368/BC-610 Net night!

> It's as simple as this, Guys...
>
> the AM "window" is from 3.870 to 3.890, right?
>
> Most AM QSO's are from 3.880 to 3.885, right?
>
> Designate the Net freq to be 3.875.
> I also think that it's a great idea to have a T-368/BC-610 net.
> However, the East-Coast OMRN (Old Military Radio Net) is already in
> existence and meets each Saturday starting at 5:30 AM on 3885 KHz. Of
> course, many of us who participate in this net, run T-368's and BC-610's
> anyway, so all owners of such "Old Military Radios" should check in the
> OMRN.
> Just a thought - because there is net activity on 3885, maybe it'll
bring
> more T-368/BC-610 owners out of the woodwork...
>
> 73, Meir WF2U
>
> -----Original Message-----
> Great idea on the T368/BC610 net!
>
> Respectfully, I personally don't think it is a good idea to run nets in
the
> AM window.
>
> Why not use a freq out of the window, say 3.815? The Buffalo AM gang has
> been operating there for years.
>
> You can operate AM anywhere in the Fone band, and by having several AM
QSOs
> going at once across the band it reinforces to those that do not partake
> that AM can and will be found anywhere in the Fone band.
>
> What do you guys think?

>
> 73 Bruce KG2IC
> T368F
>
>
**********
> ---Original Message-----
> From: redmenaced@... [mailto:redmenaced@...]
> Sent: Saturday, August 25, 2001 12:38 PM
> To: T-368_BC-610@yahoogroups.com
> Subject: [T-368_BC-610] T-368/BC-610 Net night!
>
>
> September 1, 3.885 MHz, 8:00 PM Eastern
>
> Joe KG2CI
>
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> [Non-text portions of this message have been removed]
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> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

# 990. Re: [T-368_BC-610] T-368/BC-610 Net night!

Yahoo group: T-368_BC-610
Date: 2001-08-27 20:16:39 UTC
From: Gene Beckwith
Topic: 984  Message: 990

Gents,

As the wx closes in in the coming weeks...I'll be firing up the T-3's and looking for some Saturday activity...sounds like a great idea, but need a meeting time and freq...plus, will be tough for me on Saturdays for a few weeks yet...keep us posted on when and where...

73,

Gene

T-368/EFJ-500

Doug Wherry wrote:

> The Net sounds great.Some of us may work saturdays,or have other plans like
> fishing and Golf.Anyway it would be a net day time ,not a net night time.Why
> not just try somthing and see what happens.My T-368 is just wanting to get
> the dust burnt off it.73's DOUG K8OF.
> ----- Original Message -----
> From: Jeff/W5OMR <w5omr@...>
> To: <T-368_BC-610@yahoogroups.com>
> Sent: Saturday, August 25, 2001 6:00 PM
> Subject: Re: [T-368_BC-610] T-368/BC-610 Net night!
>
> > It's as simple as this, Guys...
> >
> > the AM "window" is from 3.870 to 3.890, right?
> >
> > Most AM QSO's are from 3.880 to 3.885, right?
> >
> > Designate the Net freq to be 3.875.
> > I also think that it's a great idea to have a T-368/BC-610 net.
> > However, the East-Coast OMRN (Old Military Radio Net) is already in
> > existence and meets each Saturday starting at 5:30 AM on 3885 KHz. Of
> > course, many of us who participate in this net, run T-368's and BC-610's
> > anyway, so all owners of such "Old Military Radios" should check in the
> > OMRN.
> > Just a thought - because there is net activity on 3885, maybe it'll
> bring
> > more T-368/BC-610 owners out of the woodwork...
> >
> > 73, Meir WF2U
> >
> > -----Original Message-----
> > Great idea on the T368/BC610 net!

> >
> > Respectfully, I personally don't think it is a good idea to run nets in
> the
> > AM window.
> >
> > Why not use a freq out of the window, say 3.815? The Buffalo AM gang has
> > been operating there for years.
> >
> > You can operate AM anywhere in the Fone band, and by having several AM
> QSOs
> > going at once across the band it reinforces to those that do not partake
> > that AM can and will be found anywhere in the Fone band.
> >
> > What do you guys think?
> >
> > 73 Bruce KG2IC
> > T368F
> >
> >
> **********
> > ---Original Message-----
> > From: redmenaced@... [mailto:redmenaced@...]
> > Sent: Saturday, August 25, 2001 12:38 PM
> > To: T-368_BC-610@yahoogroups.com
> > Subject: [T-368_BC-610] T-368/BC-610 Net night!
> >
> >
> > September 1, 3.885 MHz, 8:00 PM Eastern
> >
> > Joe KG2CI
> >
> >
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> >
> >
> > Yahoo! Groups Sponsor
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> > Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
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> > [Non-text portions of this message have been removed]
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> >
> > Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
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# 991. Re: [T-368_BC-610] New file/picture

Yahoo group: T-368_BC-610
Date: 2001-08-28 00:07:29 UTC
From: Gene Beckwith
Topic: 972  Message: 991

Joe,

Greetings...Yep, after the Rochester fest, I got well beyond busy!! That has kept me off the keys and out of the Shack!! (ughhh....!!)...but, I'm still out here in radio land and sorta catchin up....

Hummm, not sure what pix ur talking about..would like to see it...I do have such a tuner, and dummy load...but the medallion? What Pix?

Was involved in a Safety Break sponsored by our Massillon Ohio Radio club ...we had a full week over the Fourth of July on Rt. 77 south of Massillon..It's our main fund raiser for the year...and a lot of fun....we have about 100 members in our club, but as u might guess, not all supported this particular event, so it was a little intense to keep it covered 24/7

Also dug a 4x4x5 foot hole in my back yard for the new tower...did it by hand with the help of another friend...K8MGC...temps were near 100 degrees, hottest and driest July on record for our area...builds character and tests fortitude...I guess...or just plain nuts...then we poured the concrete a week later...!! Yikes...it was still near 100 degrees again and we moved it by wheel barrow...even the XYL pitched in to level the soup in the hole while we wheeled...Wow....we were beat...

Then got ready for Camp Perry...loaded about 250 rounds of 308 for the M1A and headed up to the Base (Ohio National Guard Operates it) for the National Matches and High Power School with another guy whose main hobby is precision shooting...we went to "Long Range School" for five days...range practice was at 800 and 1000 yards. Coaches and teachers were members of our U.S Military Marksmanship Teams, all branches...and some international competition shooters...It was an outstanding experience, to be around people who actually know what they're doing...and can demonstrate it at will...but used up a bunch of time not spent on the rigs or station, or antennas.

Then, we finished up some major work on the "Digs" that involved all the mulch in Ohio, and most of the top soil...(some of it used to hide the tower base from the neighbors)...and in between the above, we made a trip to Des Moines, Iowa to visit my son and his wife and new little grand daughter...about 1500 miles round trip...(blew AC on my Suburban in the heat...wife threatened to thumb down a trucker and ride with him the rest of the way home...she didn't have any plans for me! I was to get "this thing" back the best I could...(ok, OK, only joking!! Missy Marilyn is a good sport and a great traveler...but it was a warm trip...still near the 100 degree mark on the road...

...and have been back to Batavia for visits with Wife's mom and Dad...the Dad is in the VA hospital there...so we try to help out when we can...I visit with another guy who is an avid shooter and neighbor there, so the time is

well spent comparing notes and telling lies...

And there's more, but u get the point...Oh yes, I did mix in a few local fests and found a Dentron 160 meter transverter in like new condx, an Ameco 6n2 for local "AM" work...and a Gonset, G50 for more 6 Meter AM stuff on the local "AM" links this winter....and tubes for the SP600 JXC-17 I got at Rochester.

.It's a real "Gem" and nearly mint...it even worked when I brought it up on the variac, but am going to replace electrolytic in the ps...easy job...leave the originals and add some fresh on a terminal strips under chassis...it will look like it was designed that way when I get done...there's lots of room...also found that this one already has disk ceramics!! What a surprise...'cause I thought I'd spend a month doing a cap job on it...it's a beautiful rcvr, still has its took kit in place and anodized red aluminum knobs. It is a great testimony to the Rochester Ham Fest that was as good as any I've been to in recent years...If any one missed it...tough!...it jist left the SP600 for me...!!... and the several sacks of other neat stuff Joe and I carried out of there...Great Fest and I thought the prices weren't too bad and there were enough Boat Anchors and Canoe Anchors to keep it interesting...missed a beautiful pair of Hallicrafters that would have been my second hit, but I ran out of loot.....dang!.

By comparison, the Rochester event was very good...I found a good assortment of tubes...they were in abundance...plus I picked up Two (2) rack mounted power supplies, fully metered, and in only dusty condx for fifty bucks for the pair...both are already in service, one in each op position powering local 2 meter stuff....what a deal...and some folks spend $150 for a 'Ham' grade reg supply...sob, sob....

In general, attendance at the fests here in NE Ohio has been down...fewer tail gaters and fewer vendors...but odd how one can still bring home the real nuggets...how about a 25 amp like new isolation xformer that weighs in at near 50 lbs...and ten bucks..!! (Batavia, N.Y.) It's going to run all my rcvrs as soon as I can carry it over to the Shack from the bench...and how about a like new Heath vhf dual meter swr/power bridge with the book...working...five bucks...at Warren, Ohio...Darn it cracks me up when folks whine about nothing going on at the fests...had a great hunt so far this year and still planning on Butler, Pa, Cleveland, Ohio, and the Massillon, Ohio fall fest and auction...Yep, they still do an auction and its a lot of fun...

But for the money and size, the Rochester event was the year's best to date, and I have the impression that attendance was at least as good as last year and maybe up...had to park a looong way away this year for the first time...in a looong time...but I haven't heard anything official.

So, there you have it Joe...Things are really busy hr but that's great and looking forward to cold wx and moving inside for work on the station and some one the air time...

73,

Gene
W8KXR

"The Radio Voice of Clinton Ohio"

Ps...Joe, sorry for the long down time...and will still be pretty intense for a few weeks yet...but the 160 M dipole is up and I'm looking for a BIG Dentron tuner for 160M something big enough to keep the T3 happy at about 450 watts out...more later on the "Frenzy" here at W8KXR...

agn 73,

Gene

redmenaced@... wrote:

> I just uploaded a picture of the ME-165 dummy load and the T-368
> antenna tuner, I'm not 100% sure which one it is but I suspect its
> the BC-939.
>
> Also, since the picture shows a medallion with the name "Beckwith" on
> it I suspect that the source of this picture is Gene Beckwith W8KXR
> in Ohio.
>
> A person whom I haven't heard from since the Rochester Hamfest!!
>
> Joe
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 992. T-368/BC-610 Net

Yahoo group: T-368_BC-610
Date: 2001-09-02 03:29:02 UTC
From: redmenaced@yahoo.com
Topic: 992  Message: 992

The net started at 8:00 PM on schedule with K2JVM calling K8VWX down from 3.890 to join us.

We got off to a slow start as N8LUV joined the crew followed by W2PFY who stayed for the duration while trying to cook and eat his dinner in the Adirondack Mountains of northern New York State. His station put out a good, strong, clear signal from his remote cabin powered by a Generac generator powering a 1942 Hallicrfter's BC-610C!

There were 17 check-ins as the night passed.

All stations were quite strong using the T-368's and BC-610's others who checked in with DX-100's and others weren't as loud, but all were copied through the static and QRM.

Included were:

WA1VQM BC-610H
AA9Q T-368 BASIC
W1FRM Homebrew
KX4R T-368C
N8ILV ?
W2KBW Homebrew
K1KHP T-368
KZ3AB DX-100 (T-368F In pieces)
W8MNQ BC-610E
WB1CJO ?
KC2DMC Homebrew
N0VMC T-368A, F, E
N8ECR BC-610 (In pieces)

Net closed at 10:00 PM Eastern

Joe KG2CI

# 993. I found this on one of the newsgroups and am relaying it here

Yahoo group: T-368_BC-610
Date: 2001-09-03 22:27:13 UTC
From: W2ZR@aol.com
Topic: 993  Message: 993

Subject: FS: BC-610F with accessories From: jburgwynjr@... (John Burgwyn) Date: 9/3/2001 2:41 PM Eastern Daylight Time Message-id: <20010903144123.20328.00004563@...> My BC-610F is available for sale for pick up only at the Rocky Mount-Wilson, NC airport. This unit is on casters and is made by Bogen. It is complete less a pair of original 4 mfd, 4000 vdc oil caps which were to be replaced by an uninstalled matched pair of GE caps and extra 4 unmatched ones. It has all the tags, meters, knobs, but the lettering has been covered by a coat of paint. Otherewise complete with tubes. Large box of coils and tuning units. Do not think it has the 160 option. Lots of crystals and box of spare fuses, several misc carbon mics, a box of other misc items, several manuals, and the following specific items: (1) BC-939B Antenna Tuning Unit by Barker & Williamson (1) BC-614E Speech Amp, General Telephone. (1) T-17B Shure Mic, NIB. Price: 875.00 with pick -up only. Thanks, John Burgwyn W4WAW or jburgwynjr@... [Non-text portions of this message have been removed]

# 994. T-368 REGISTRY 9/9/01

Yahoo group: T-368_BC-610
Date: 2001-09-09 21:59:20 UTC
From: W2ZR@aol.com
Topic: 994  Message: 994

W2ZR  w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI  redmenaced@...
Bendix T-368 E #160
contract  3219-PP-59

WF2U  mbendror@...
B&W T-368E #628
contract  15117-PP-62

W8KXR  jtone@...
B&W T-368C  #216
contract  43056-P-55

Bendix T-368C  #209
contract  3219-PP-59

W4WSZ  bobm@...
Stromberg-Carlson T-368D #161

KF2JQ  jprusso@...
AMF  T-368A #69
contract  25209-PHILA-54

WB3FAU  wb3fau@...
Oneida T-368F  #192
contract  15498-PP-63

KA3OTT  kazott@...
B&W T-368C  #018
contract  43056-P-56

KW1I  Dale.Gagnon@...
AMF T-368A  #62
contract 25209-PHILA-54

W3NP  daveh@...
B&W T-368E  #575
contract 15117-PP-62

KD1YT  tlewis@...
B&W  T-368E  #27
contract  15117-PP-62
overhauled at Pirmasens Army Depot

KX4R  kx4rgc@...
Crosley  T-368C  #560
contract  21316-PH-56

WB6DXR  lesterw@jps.net
B&W  T-368  #18
contract  25633-Phila-53

W2HU  reid.j.hagan@lmco.com
T-368  #138
(awaiting details)

W7QHO  w7qho@...
B&W  T-368  #129
contract  25633-PHILA-53

Crosley  T-368C  #237
contract  28459-PH-55

K2AUS  w.d.gallagher@worldnet.att.net
TRW  T-368F #303
contract  14527(E)

N4FS  n4fs@monmouth.com
TRW  T-368F  #261
contract  14527(E)

WA1QHQ  mark.donaldson@...
B&W T-368  #32
contract  25070-Phila-54

AE4IN  ae4in@...
Daystrom T-368C  #46
contract  28597-Phil-55

W5BVB  plmills@...
Oneida  T-368F  #19
contract  15498-PP-63

N4KIA  pradams@...
Crosley  T-368C  #275
contract  28459-PH-55

N2BC  n2bc@...
T-368C

K4BVQ  PHollifield@...
Bendix  T-368E  #118
contract  3219-PP-59
overhauled at Pirmasens Army Depot

KF4TP  olaf@...
TRW  T-368F  #190
contract 14527(E)

KE7KK  ke7kk@...
Stromber-Carlson T-368D  #33
contract #39692-PP-58

W9QM  r_longworth@...
Oneida T-368F  #149
contract 15498-PP-63

K9RJ  jandrjor@...
Stromberg-Carlson  T-368D  #55

WA6IUR  fly n ham@...
TRW  T-368F  #2
contract 14527(E)

W4TDC  WA4TDC@...
Crosley  T-368C #364
contract  28459-PH-55

K9XH  jleer@...
TRW  T-368F  #238
contract  14527(E)
overhauled at Pirmasens Army Depot

WA4KCY  sweetbay@...
TRW  T-368F  #358
contract  14527(E)

Tom Leiper (no call yet)  twleiper@...
Ecco Electronic Components T-368F  #76
contract  DAAB05-67-C0022

K0WRX  PLCullum1823@...
B&W  T-368C  #305
contract  43056-P-56

W1ZD  w1nml@...
TRW  T-368F  #64
contract 14527(E)

K8OF  hamalot@...
T-368C
GDP 2/67

WB2FCN  chejmw@...
Oneida  T-368F  #59
contract  15498-PP-63

WB6ACU  WB6ACU@...
B&W T-368C  #285
contract  43056-P-56
overhauled at Pirmasens Army Depot

KD3FA  billn@...
B&W T-368E  #541
contract  11517-PP-62

W3TOY  wa3toj@...
B&W T-368  #13
contract  3472-Phila-52

B&W T-368E  #206
contract 15117-PP-62

W3PWW  (no email)
Crosley T-368C  #211
contract  28459-PH-55

W2HER  bobziolk@...
Bendix T-368E  #152
contract  3219-PP-59

WA0TSY  troy-aero@...
B&W  T-368C  #367
contract  43056-P-56
overhauled at Pirmasens Army Depot

AA9WQ  aa9wqham@...
B&W  T-368  #22
contract  3472-PHILA-53
overhauled

W7XH  billbraden@...
TRW  T-368F  #359
contract 14527(E)

KG2IC  kg2ic@...
T-368F

KC8CU  ramsta@...
B&W  T-368  #82
contract  25633-PH-53
overhauled at Lexington Blue Grass Army Depot

W3RC  dasein@...
ECCO  Electronic Components T-368F  #114
contract  DAAB05-67-C0022

[Non-text portions of this message have been removed]

# 995. Looking for a T368 transmitter, prefer later model in the Northeast

Yahoo group: T-368_BC-610
Date: 2001-09-10 01:02:33 UTC
From: Bruce James Howes
Topic: 995  Message: 995

Hi guys,

Looking for a T368, any condition, prefer a later model, in the Northeast
for east pickup.

Thanks,
Bruce KG2IC
**********
Bruce James Howes
email: kg2ic@...
web: http://home.maine.rr.com/bhowes
"Imagination is more important than knowledge." -Albert Einstein
**********

[Non-text portions of this message have been removed]

# 996. Re: [MilSurplus] FS meters

Yahoo group: T-368_BC-610
Date: 2001-09-11 02:45:36 UTC
From: Joe Foley
Topic: 996  Message: 996

Larry has these, check for his address below.

--- Telegrapher@... wrote:
> Got bunches of meters here to move on to new homes.
>
> Dimensions will indicate the size of hole needed.
>
> 1: GE 0-40 Vdc, Type DW-41, Model 8DW41V-Y33 2 inch
> hole -$3-
> 2: Harvey-Wells Watt meter. Meter only. Problably
> for the Matching
> network. Except for wire & Cap on back looks
> brand new. 2 1/4 hole
> -$10-
> 3: Westinghouse RF Amperes 0-9, U.S.N. Type
> CAY-22239-A 2" hole -$4-
> 4: Burlington Inst. Model 421. MR25W163 Spec.
> FS=200ua 2 inch hole
> -$3-
> 5: Westinghouse RF Amperes 0-1.5 SIgnal Corps Type
> 1S-25, Stype
> PH-44587-4.
> 2 inch hole -$4-
> 6: General Electric Antenna Current Indicator Type
> DW-52, 0-10 Amps, 2
> inch hole. -$4-
> 7: Triplet Signal Corps IS-171. Scale reads 0-3
> graduated. 2 inch
> hole -$3-
> 8: Weston Antenna Current Indicator Model 507. 0-10
> Scale. 2 inch
> hole -$4-
> 9: Weston Model 301 0-5 Madc. 3 inch hole. -$3-
> 10: Weston 0-250 Ma AC. 2 3/4 inch hole. $3
> 11: General Electric Signal Corps Type IS-89 RF
> Amperes 0-8 scale. 2
> inch hole -$4-
> 12: Signal Corps Type IS-128, 0-3 Amperes RF 2 inch
> hole -$4-
> 13: General Electric 0-1 R-F Amperes USN Type
> CG22130 2 inch hole
> -$4-
> 14: Sun Electric Corp Model 2X15V-4 0-15Vdc 2 inch
> hole -$4-
> 15: General Electric 0-4 Amperes RF, Thermocouple

> type. Looks brand
> new.
> 2 3/8 inch hole -$4-
> 16: 2 ea General Electric Antenna Current Indicator
> 0-10 scale. 2
> 1/16th inch hole. $12 for pair
>
> 17: General Electric Thermocouple Type antenna
> current 0-2 Amperes RF,
> 2 1/8th inch hole. -$4-
> 18: S-M Laboratories, Chicago. 0-300 Madc. Test
> cord with PL-55 style
> plug attached. 2 inch hole. Like new condx.
> -$4-
> 19: Roller-Smith 0-10 Vac. 2 3/4 inch hole. Like
> new. This should work
> for BC-610-H or I filament voltage. -$8-
>
> 20: Simpson 0-10 Amperes AC. Square face, 2 1/4
> inch hole. Like new in
> box.
> -$5-
> 21: Cole 0-10 Madc. Square face, 2 3/4 inch hole.
> -$3-
>
> 22: General Electric 0-8 RF Amperes SC-IS-89. 2
> inch hole -$4-
>
> To the best of my knowledge all of tha above listed
> meters are fully
> functional. This is a partial list and i have more
> of the RF type
> meters.
>
> Shipping will dictate purchasing a box and postage
> for each item unless
> you buy more than one. I'll get a sample one
> figured out if and when
> someone buys a meter or two.
>
> Larry
> Gilbert, AZ. 85233
>
> ---
> Submissions milsurplus@...

---
Do You Yahoo!?
Get email alerts & NEW webcam video instant messaging with Yahoo! Messenger
http://im.yahoo.com

# 997. BC-610 mod transformer FS

Yahoo group: T-368_BC-610
Date: 2001-09-12 01:12:47 UTC
From: redmenaced@yahoo.com
Topic: 997  Message: 997

I grabbed this from the AM Window BBS, E-mail Tom, QRZ.com should have his address.

Joe

I have a Stancor modulation for the earlier models of the BC-610. It is the open frame design with cast Iron end bells. I would like to trade it for the later version potted transformer that works with my BC-610I. If there are no swap candidates out there, I would take offers.

Thanks,
Tom N5AMA

# 998. Activity

Yahoo group: T-368_BC-610
Date: 2001-09-16 22:47:56 UTC
From: Tom Nicholson
Topic: 998  Message: 998

Have I lost my feed or has the band gone dead
for a spell???

# 999. Re: [T-368_BC-610] Activity

Yahoo group: T-368_BC-610
Date: 2001-09-17 19:18:56 UTC
From: Jeff/W5OMR
Topic: 998  Message: 999

Still here.
----- Original Message -----
From: Tom Nicholson
To: T368 List
Sent: Sunday, September 16, 2001 5:47 PM
Subject: [T-368_BC-610] Activity

Have I lost my feed or has the band gone dead
for a spell???

[Non-text portions of this message have been removed]

# 1000. Mod Xfmr

Yahoo group: T-368_BC-610
Date: 2001-09-18 00:17:50 UTC
From: David Woodhead
Topic: 1000  Message: 1000

Can some one help me identify this mod xfmr?
>
> N17-T-63342-2090
> UTC P-5765
> NL-980976-1
> TF 1A 14 yy
>
> Is it from a T-368?
>
> Thanks
>
> David

# 1001. Re: [T-368_BC-610] Mod Xfmr

Yahoo group: T-368_BC-610
Date: 2001-09-18 18:11:24 UTC
From: w7qho@aol.com
Topic: 1000  Message: 1001

In a message dated 9/17/01 10:06:29 PM, DAVIDW@... writes:

>Can some one help me identify this mod xfmr?
>>
>> N17-T-63342-2090
>> UTC P-5765
>> NL-980976-1
>> TF 1A 14 yy
>>
>> Is it from a T-368?
>>

David,

The spare T-368 transformer I have carries the number "TF-1C-14YY Special."
Also lists the primary as 20,300 ohms CT and the sec. as 9100 ohms. The unit
measures
5 1/4 X 6 1/8 X 7 inches, has 5 terminals coming out the bottom through
ceramic insulators 1 1/4 " high including the solder lugs. Weighs in at
around 25 lbs.

Hope this helps.

Dennis D. W7QHO
Glendale, CA

# 1002. T-368 production

Yahoo group: T-368_BC-610
Date: 2001-09-18 20:11:37 UTC
From: W2ZR@aol.com
Topic: 1002  Message: 1002

Hi Gang,
The last time I updated the registry, I noticed we had reached a small milestone. There are 50 rigs now listed in the registry and I have reason to believe that number is going to jump noticeably very soon.
Like the R-390A so many of us love, the T-368 was built by a number of manufacturers. There are nine manufacturers represented in the registry. They are B&W, AMF, Daystrom, Crosley, Bendix, Stromberg-Carlson, Oneida, TRW and ECCO. Does anyone know of any other manufacturers?
B&W had the first three contracts, as well as two later contracts, and likely designed the rig. Anyone know about that?
The earliest rig in the registry is from the 1952 B&W contract and the latest ones were from the 1967 ECCO contract. Boy that's pretty close to the R-390A production, isn't it!
The total of the high serial numbers from each contract is 3,573 but it's possible a much greater number were built. While one of the rigs in the registry wears serial #628, other contracts are only represented by rigs with two digit serial numbers.
If you've got a T-368 and haven't registered it or your info is incomplete, please send it to me when you can.

73,
Steve W2ZR

[Non-text portions of this message have been removed]

# 1003. Re: [T-368_BC-610] Mod Xfmr

Yahoo group: T-368_BC-610
Date: 2001-09-18 20:40:45 UTC
From: Joe Foley
Topic: 1000  Message: 1003

Ok, I finally got mine opened,

My transformer says TF4TX14YY-special

20,300 ohms 225 mA..... 9100 ohms 275 mA

Frequency 300 - 3500 cycles

Power 250 Watts Max.

Freed Transformer P/N 39291

SM-C-185156

Joe KG2CI

--- w7qho@... wrote:
>
> In a message dated 9/17/01 10:06:29 PM,
> DAVIDW@... writes:
>
> >Can some one help me identify this mod xfmr?
> >>
> >> N17-T-63342-2090
> >> UTC P-5765
> >> NL-980976-1
> >> TF 1A 14 yy
> >>
> >> Is it from a T-368?
> >>
>
> David,
>
> The spare T-368 transformer I have carries the
> number "TF-1C-14YY Special."
> Also lists the primary as 20,300 ohms CT and the
> sec. as 9100 ohms. The unit
> measures
> 5 1/4 X 6 1/8 X 7 inches, has 5 terminals coming out
> the bottom through
> ceramic insulators 1 1/4 " high including the solder
> lugs. Weighs in at
> around 25 lbs.
>
> Hope this helps.
>
> Dennis D. W7QHO

> Glendale, CA
>

---
Terrorist Attacks on U.S. - How can you help?
Donate cash, emergency relief information
http://dailynews.yahoo.com/fc/US/Emergency_Information/

# 1004. Re: [T-368_BC-610] Digest Number 396

Yahoo group: T-368_BC-610
Date: 2001-09-18 20:51:03 UTC
From: Kristjan Ragnarson
Topic: 1004  Message: 1004

If the "UTC" part of the codes refer to it being mfr
by UTC, they have a website listing specs on their
products. I have it at work but not here (nome). If you
can't find it with search engine, drop me a note and I'll
send it to you.
73

>From: T-368_BC-610@yahoogroups.com
>Reply-To: T-368_BC-610@yahoogroups.com
>To: T-368_BC-610@yahoogroups.com
>Subject: [T-368_BC-610] Digest Number 396
>Date: 18 Sep 2001 17:39:44 -0000
>
>
>There are 2 messages in this issue.
>
>Topics in this digest:
>
> 1. Re: Activity
> From: "Jeff/W5OMR" <w5omr@...>
> 2. Mod Xfmr
> From: David Woodhead <DAVIDW@...>
>
>
>_____________________________________________________________________
>_____________________________________________________________________
>
>Message: 1
> Date: Mon, 17 Sep 2001 14:18:56 -0500
> From: "Jeff/W5OMR" <w5omr@...>
>Subject: Re: Activity
>
>Still here.
> ----- Original Message -----
> From: Tom Nicholson
> To: T368 List
> Sent: Sunday, September 16, 2001 5:47 PM
> Subject: [T-368_BC-610] Activity
>
>
> Have I lost my feed or has the band gone dead
> for a spell???
>
>
>

>
>[Non-text portions of this message have been removed]
>
>
>
>_____
>_____
>
>Message: 2
> Date: Mon, 17 Sep 2001 17:17:50 -0700
> From: David Woodhead <DAVIDW@...>
>Subject: Mod Xfmr
>
>Can some one help me identify this mod xfmr?
> >
> > N17-T-63342-2090
> > UTC P-5765
> > NL-980976-1
> > TF 1A 14 yy
> >
> > Is it from a T-368?
> >
> > Thanks
> >
> > David
>
>
>
>_____
>_____
>
>
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

_____
Get your FREE download of MSN Explorer at http://explorer.msn.com/intl.asp

# 1005. Re: [MV] DEMIL HOUSE VERSION

Yahoo group: T-368_BC-610
Date: 2001-09-19 17:15:47 UTC
From: Joe Foley
Topic: 1005  Message: 1005

Is YOUR T-368/BC-610 "significant" military equipment?

Joe

--- Ron <rojoha@...> wrote:
> H.R.2586
> National Defense Authorization Act for Fiscal Year
> 2002 (Introduced in the
> House)
>
> TITLE IX--GENERAL PROVISIONS
>
> Subtitle C--Other Matters
>
> SEC. 921. AUTHORITY TO ENSURE DEMILITARIZATION OF
> SIGNIFICANT MILITARY
> EQUIPMENT FORMERLY OWNED BY THE DEPARTMENT OF
> DEFENSE
>
>
> SEC. 921. AUTHORITY TO ENSURE DEMILITARIZATION OF
> SIGNIFICANT MILITARY
> EQUIPMENT FORMERLY OWNED BY THE DEPARTMENT OF
> DEFENSE.
>
> (a) IN GENERAL- Chapter 153 of title 10, United
> States Code, is amended by
> inserting after section 2572 the following new
> section:
>
> `Sec. 2573. Continued authority to require
> demilitarization of significant
> military equipment after disposal
>
> `(a) AUTHORITY TO REQUIRE DEMILITARIZATION - The
> Secretary of Defense may
> require any person in possession of significant
> military equipment formerly
> owned by the Department of Defense--
>
> `(1) to demilitarize the equipment:
>
> `(2) to have the equipment demilitarized by a third
> party; or
>

> `(3) to return the equipment to the Government for
> demilitarization .
>
> `(b) COST AND VALIDATION OF DEMILITARIZATION - When
> the demilitarization of
> significant military equipment is carried out by the
> person in possession of
> the equipment pursuant to paragraph (1) or (2) of
> subsection (a), the person
> shall be solely responsible for all demilitarization
> costs, and the United
> States shall have the right to validate that the
> equipment has been
> demilitarized.
>
> `(c) RETURN OF EQUIPMENT TO GOVERNMENT- When the
> Secretary of Defense
> requires the return of significant military
> equipment for demilitarization
> by the Government, the Secretary shall bear all
> costs to transport and
> demilitarize the equipment. If the person in
> possession of the significant
> military equipment obtained the property in the
> manner authorized by law or
> regulation and the Secretary determines that the
> cost to demilitarize and
> return the property to the person is prohibitive,
> the Secretary shall
> reimburse the person for the purchase cost of the
> property and for the
> reasonable transportation costs incurred by the
> person to purchase the
> equipment.
>
> `(d) ESTABLISHMENT OF DEMILITARIZATION STANDARDS-
> The Secretary shall issue
> regulations to prescribe what constitutes
> demilitarization for each type of
> significant military equipment, with the objective
> of ensuring that the
> equipment does not pose a significant risk to public
> safety and does not
> provide a significant weapon capability or
> military-unique capability and
> ensure that any person from whom private property is
> taken for public use
> under this section receives just compensation.
>
> `(e) EXCEPTIONS- This section does not apply--

>
> `(1) when a person is in possession of significant
> military equipment
> formerly owned by the Department of Defense for the
> purpose of
> demilitarizing the equipment pursuant to a
> Government contract.
>
> `(2) to small arms weapons issued under the Defense
> Civilian Marksmanship
> Program established in Title 36, United States Code.
>
> `(3) to issues by the Department of Defense to
> museums where modified
> demilitarization has been performed in accordance
> with the Department of
> Defense Demilitarization Manual, DoD 4160.21-M-1; or
>
> `(4) to other issues and undemilitarized significant
> military equipment
> under the provisions of the provisions of the
> Department of Defense
> Demilitarization Manual, DoD 4160.21-M-1.
>
> `(f) DEFINITION OF SIGNIFICANT MILITARY EQUIPMENT-
> In this section, the term
> `significant military equipment' means--
>
> `(1) an article for which special export controls
> are warranted under the
> Arms Export Control Act (22 U.S.C. 2751 et seq.)
> because of its capacity for
> substantial military utility or capability, as
> identified on the United
> States Munitions List maintained under section 121.1
> of title 22, Code of
> Federal Regulations; and
>
> (2) any other article designated by the Department
> of Defense as requiring
> demilitarization before its disposal.'.
>
> (b) CLERICAL AMENDMENT- The table of sections at the
> beginning of such
> chapter is amended by inserting after the item
> relating to section 2572 the
> following new item:
>
> `2573. Continued authority to require
> demilitarization of significant

> military equipment after disposal.'
>
>
> ===Mil-Veh is a member-supported mailing list===
> To unsubscribe, send e-mail to:
> <mil-veh-off@...>
> To switch to the DIGEST mode, send e-mail to
> <mil-veh-digest@...>
> To reach a human, contact <ack@...>

_____
Terrorist Attacks on U.S. - How can you help?
Donate cash, emergency relief information
http://dailynews.yahoo.com/fc/US/Emergency_Information/

# 1006. BC-610 Registgry

Yahoo group: T-368_BC-610
Date: 2001-09-23 18:54:08 UTC
From: n6wig@netscape.net
Topic: 1006  Message: 1006

Here is the current listing for the BC-610 Registry. If you would like have yours added, please email the following information to n6wig@....

First Name:
Last Name:
Call
email:
BC-610 Model:
Order Number:
Manufacturer:
Serial Number:

**********
BC-610 Registry

First Name: Rick
Last Name: Blank
Call: KI5SL
email: rblank@...
BC-610 Model: BC-610I
Order Number: 19624-PHILA-50
Manufacturer: Barker and Williamson, Inc
Serial Number: 79

First Name: Mikhael
Last Name: Brown
Call: N6WIG
email: N6WIG@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Hallicrafters
Serial Number: 1242

First Name: John
Last Name: Burgwyn
Call: W4WAW
email: jburgwynjr@...
BC-610 Model: BC-610F
Order Number: 10970-PH-48-77
Manufacturer: David Bogen Co Inc
Serial Number: 247

First Name: Joel
Last Name: Cumberland
Call: N3EYR
email: joel@...

BC-610 Model: BC-610H
Order Number: 21418-Phila-50-7-C
Manufacturer: Hallicrafters
Serial Number: 497

First Name: Clay
Last Name: DeWitt
Call: N4QNX
email: n4qnx.aol.com
BC-610 Model: BC-610G
Order Number: July 1949
Manufacturer: Hallicrafters
Serial Number: 87

First Name: Jeff
Last Name: Edmonson
Call: W5OMR
email: w5omr@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Hallicrafters
Serial Number:

First Name: Mike
Last Name: Hardie
Call: VE7MMH
email: hardiem@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Hallicrafters
Serial Number: 435

First Name: Dan
Last Name: Harlan
Call: N8ETQ
email: dharlan@...
BC-610 Model: BC-610E
Order Number: 28934-PHILA-45-07
Manufacturer: Hallicrafters
Serial Number: 656

First Name: Ron
Last Name: Kresge
Call: W1ARS
email: brronk777@...
BC-610 Model: BC-610E
Order Number: 28934-PHILA-45-07
Manufacturer: Hallicrafters
Serial Number: 78

First Name: Rev Ronnie
Last Name: Parker

Call: N1UDI
email: n1udi19@...
BC-610 Model: BC-610F
Order Number: 10970-PH-48-77
Manufacturer: David Bogen Co,Inc. New
York,NY
Serial Number: 119

First Name: Gary
Last Name: Pewitt
Call: N9ZSV/AE
email: gpewitt@...
BC-610 Model: BC-610I
Order Number:
Manufacturer:
Serial Number:

First Name: Rolynn
Last Name: Prechtl
Call: K7DFW
email: k7dfw@...
BC-610 Model: BC-610G
Order Number: ' 49
Manufacturer: Hallicrafters
Serial Number: 141

First Name: Rolynn
Last Name: Prechtl
Call: K7DFW
email: k7dfw@...
BC-610 Model: BC-610F
Order Number: ' 48
Manufacturer: Bogen
Serial Number: 325

First Name: Bob
Last Name: Richmond
Call: W8MNQ
email: w8mnq@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Hallicrafters
Serial Number: 325

First Name: Bill
Last Name: Shaw
Call: W2HYN
email: w2hyn@...
BC-610 Model: BC-610E
Order Number:
Manufacturer:

Serial Number:

First Name: Theodore
Last Name: Stoner III
Call: WR4T
email: wr4t@...
BC-610 Model: BC-610E
Order Number: 28934-Phila-45-07
Manufacturer: Hallicrafters
Serial Number: 322

First Name: Jack
Last Name: Taylor
Call: N7OO
email: n7oo@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Halicrafters
Serial Number: 3223

First Name: Herb
Last Name: Ulrich
Call: K2JVM
email: k2jvm@...
BC-610 Model: BC-610I
Order Number: 3164-Phila-51-01-C
Manufacturer:
Serial Number: 39

First Name: Herb
Last Name: Ulrich
Call: K2JVM
email: k2jvm@...
BC-610 Model: BC-610E
Order Number: 18372-Phila-44
Manufacturer: Hallicrafters, Chicago, Ill.
Serial Number: 1211

First Name: Jim
Last Name: Walker
Call: WB2FCN
email: chejmw@...
BC-610 Model: BC-610I
Order Number:
Manufacturer:
Serial Number:

First Name: Jim
Last Name: Walker
Call: WB2FCN
email: chejmw@...
BC-610 Model: BC-610E

Order Number:
Manufacturer:
Serial Number:

First Name: Theodore
Last Name: Young
Call: W3PWW
email:
BC-610 Model: BC-610F
Order Number: 10970-PH-48-77
Manufacturer: David Bogen Co
Serial Number: 25

First Name: Ed
Last Name: Zeranski
Call:
email: ezeran@...
BC-610 Model: BC-610I
Order Number: 18723-Phila-49
Manufacturer: Barker I Williamson
Serial Number: 164

**********
--
? ?/// ? ? ?<N6WIG@...>
? ? | ?Collector of Military and Vintage
? ?/|\ ? ? commuications equipment.
? N6WIG ? ? ? ?San Jose
AAR9MX/T

_____
Your favorite stores, helpful shopping tools and great gift ideas. Experience the convenience of buying online with Shop@Netscape! http://shopnow.netscape.com/

Get your own FREE, personal Netscape Mail account today at http://webmail.netscape.com/

# 1007. I"m cross posting this. Don't reply to me. Reply to Bob Peters

Yahoo group: T-368_BC-610
Date: 2001-09-23 23:15:45 UTC
From: W2ZR@aol.com
Topic: 1007  Message: 1007

Subj: BC610 Speech Amp Date: 9/23/2001 7:12:55 PM Eastern Daylight Time From: soundimp@... (Bob Peters) Sender: owner-baswaplist@... Reply-to: soundimp@... (Bob Peters) To: baswaplist@... CC: boatanchors@..., hallicrafters@... BC614I ser # 404 Speech amp with cable FOR SALE...Inside looks great...Outside Dirty!!! Working...Don't know....Have from an estate sale...$35 plus shipping from Dallas or will deliver to Belton on Oct 6th.... This was manufacterued by Halicrafters... Bob K1JNN/5 Dallas [Non-text portions of this message have been removed]

# 1008. Re: [T-368_BC-610] BC-610 Registgry

Yahoo group: T-368_BC-610
Date: 2001-09-25 02:28:16 UTC
From: Joe Foley
Topic: 1006  Message: 1008

Re-posted for the new guys!

Joe

--- n6wig@... wrote:
> Here is the current listing for the BC-610 Registry.
> If you would like have yours added, please email
> the following information to n6wig@....
>
> First Name:
> Last Name:
> Call
> email:
> BC-610 Model:
> Order Number:
> Manufacturer:
> Serial Number:
>
>
>
**********
> BC-610 Registry
>
>
> First Name: Rick
> Last Name: Blank
> Call: KI5SL
> email: rblank@...
> BC-610 Model: BC-610I
> Order Number: 19624-PHILA-50
> Manufacturer: Barker and Williamson, Inc
> Serial Number: 79
>
> First Name: Mikhael
> Last Name: Brown
> Call: N6WIG
> email: N6WIG@...
> BC-610 Model: BC-610E
> Order Number:
> Manufacturer: Hallicrafters
> Serial Number: 1242
>
> First Name: John
> Last Name: Burgwyn
> Call: W4WAW

> email: jburgwynjr@...
> BC-610 Model: BC-610F
> Order Number: 10970-PH-48-77
> Manufacturer: David Bogen Co Inc
> Serial Number: 247
>
> First Name: Joel
> Last Name: Cumberland
> Call: N3EYR
> email: joel@...
> BC-610 Model: BC-610H
> Order Number: 21418-Phila-50-7-C
> Manufacturer: Hallicrafters
> Serial Number: 497
>
> First Name: Clay
> Last Name: DeWitt
> Call: N4QNX
> email: n4qnx.aol.com
> BC-610 Model: BC-610G
> Order Number: July 1949
> Manufacturer: Hallicrafters
> Serial Number: 87
>
> First Name: Jeff
> Last Name: Edmonson
> Call: W5OMR
> email: w5omr@...
> BC-610 Model: BC-610E
> Order Number:
> Manufacturer: Hallicrafters
> Serial Number:
>
> First Name: Mike
> Last Name: Hardie
> Call: VE7MMH
> email: hardiem@...
> BC-610 Model: BC-610E
> Order Number:
> Manufacturer: Hallicrafters
> Serial Number: 435
>
> First Name: Dan
> Last Name: Harlan
> Call: N8ETQ
> email: dharlan@...
> BC-610 Model: BC-610E
> Order Number: 28934-PHILA-45-07
> Manufacturer: Hallicrafters
> Serial Number: 656

>
> First Name: Ron
> Last Name: Kresge
> Call: W1ARS
> email: brronk777@...
> BC-610 Model: BC-610E
> Order Number: 28934-PHILA-45-07
> Manufacturer: Hallicrafters
> Serial Number: 78
>
> First Name: Rev Ronnie
> Last Name: Parker
> Call: N1UDI
> email: n1udi19@...
> BC-610 Model: BC-610F
> Order Number: 10970-PH-48-77
> Manufacturer: David Bogen Co,Inc. New
> York,NY
> Serial Number: 119
>
> First Name: Gary
> Last Name: Pewitt
> Call: N9ZSV/AE
> email: gpewitt@...
> BC-610 Model: BC-610I
> Order Number:
> Manufacturer:
> Serial Number:
>
> First Name: Rolynn
> Last Name: Prechtl
> Call: K7DFW
> email: k7dfw@...
> BC-610 Model: BC-610G
> Order Number: ' 49
> Manufacturer: Hallicrafters
> Serial Number: 141
>
> First Name: Rolynn
> Last Name: Prechtl
> Call: K7DFW
> email: k7dfw@...
> BC-610 Model: BC-610F
> Order Number: ' 48
> Manufacturer: Bogen
> Serial Number: 325
>
> First Name: Bob
> Last Name: Richmond
> Call: W8MNQ

> email: w8mnq@...
> BC-610 Model: BC-610E
> Order Number:
> Manufacturer: Hallicrafters
> Serial Number: 325
>
> First Name: Bill
> Last Name: Shaw
> Call: W2HYN
> email: w2hyn@...
> BC-610 Model: BC-610E
> Order Number:
> Manufacturer:
> Serial Number:
>
> First Name: Theodore
> Last Name: Stoner III
> Call: WR4T
> email: wr4t@...
> BC-610 Model: BC-610E
> Order Number: 28934-Phila-45-07
> Manufacturer: Hallicrafters
> Serial Number: 322
>
> First Name: Jack
> Last Name: Taylor
> Call: N7OO
> email: n7oo@...
> BC-610 Model: BC-610E
> Order Number:
> Manufacturer: Halicrafters
> Serial Number: 3223
>
> First Name: Herb
> Last Name: Ulrich
> Call: K2JVM
> email: k2jvm@...
> BC-610 Model: BC-610I
> Order Number: 3164-Phila-51-01-C
> Manufacturer:
> Serial Number: 39
>
> First Name: Herb
> Last Name: Ulrich
> Call: K2JVM
> email: k2jvm@...
> BC-610 Model: BC-610E
> Order Number: 18372-Phila-44
> Manufacturer: Hallicrafters, Chicago, Ill.
> Serial Number: 1211

>
> First Name: Jim
> Last Name: Walker
> Call: WB2FCN
> email: chejmw@...
> BC-610 Model: BC-610I
> Order Number:
> Manufacturer:
> Serial Number:
>
> First Name: Jim
> Last Name: Walker
>
=== message truncated ===

_____
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http://im.yahoo.com

# 1009. Nice buy!

Yahoo group: T-368_BC-610
Date: 2001-09-26 02:31:51 UTC
From: redmenaced@yahoo.com
Topic: 1009  Message: 1009

Look at what W3RC bought!!

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?MfcISAPICommand=ViewItem&item=1276552477+

# 1010. BC-610 Plate Xfmr

Yahoo group: T-368_BC-610
Date: 2001-09-26 03:10:57 UTC
From: Peter C. Patton
Topic: 1010  Message: 1010

I have a BC-610 plate transformer new in its wooden crate I will not be able to use. Does anybody need one? I am not able to ship it from St. Paul, MN so pickup is preferred.
Pete Patton W0EWQ

# 1011. Re: [T-368_BC-610] Nice buy!

Yahoo group: T-368_BC-610
Date: 2001-09-26 10:35:47 UTC
From: James M. Walker
Topic: 1009  Message: 1011

Ahem,
Make sure all the vacuum caps (3) are in it. These "NEW" units were
packed for shipping by the government with this unit in one container
and the vacuum caps in a separate container, with the connecting cable
manual and mounting hardware in still another container.
Jim
WB2FCN

redmenaced@... wrote:
>
> Look at what W3RC bought!!
>
> http://cgi.ebay.com/aw-
> cgi/eBayISAPI.dll?MfcISAPICommand=ViewItem&item=1276552477+
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 1012. Re: [T-368_BC-610] Nice buy!

Yahoo group: T-368_BC-610
Date: 2001-09-26 16:04:58 UTC
From: Jack Taylor
Topic: 1009  Message: 1012

I'll bite, what was it? (your url didn't 'take')

Jack

-----Original Message-----
From: redmenaced@... <redmenaced@...>
To: T-368_BC-610@yahoogroups.com <T-368_BC-610@yahoogroups.com>
Date: Tuesday, September 25, 2001 7:32 PM
Subject: [T-368_BC-610] Nice buy!

>Look at what W3RC bought!!
>
>http://cgi.ebay.com/aw-
>cgi/eBayISAPI.dll?MfcISAPICommand=ViewItem&item=1276552477+
>
>
>
>
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>
>

# 1013. Re: [MV] S.1416 update

Yahoo group: T-368_BC-610
Date: 2001-09-26 20:45:48 UTC
From: Joe Foley
Topic: 1013  Message: 1013

This concerns a bill before the Senate regarding the
confiscation of "Significant" military equipment and
destroying it.

It could certainly mean radio equipment!

Joe

--- Rikk Rogers <rkltd@...> wrote:
> I talked to John Bonsell in Sen. Inhofe's ofc,
> S.1416 was changed to S.1438,
> they tried to kill it and were unsuccessful.
> language was added to clear WW2 war birds and some
> other general vagaries,
> however.
> john was surprised to fond it covered firearms, and
> a whole lot of other
> stuff, including HMVs.
> I sent him a link to THE UNITED STATES MUNITIONS
> LIST.
> The have another chance to deal with this in
> "Conference" and Sen Inhofe is
> a part of this Conference.
> This thing is just almost LAW! NOW!
>
> John's comment was that Inhofe is against this, but
> it seemed that no one
> else was too "up in the air" about it.
> I told him we had had very little notice about what
> was happening, but as a
> group we were darn sure "UP IN THE AIR!"
>
> CALL Your Reps!
> NOW!
> Tell em to get "UP IN THE AIR"!
>
> http://www.visi.com/juan/congress/
>
>
> Rikk Rogers - RK Lion LTD.
> 416 S 4th St
> Ponca City OK. 74601-5335
> (580)762-3157 rkltd@...
> http://home.swbell.net/rkltd/
> -M35A2- -M38- MVPA -22345-
>

>
>
> ===Mil-Veh is a member-supported mailing list===
> To unsubscribe, send e-mail to:
> <mil-veh-off@...>
> To switch to the DIGEST mode, send e-mail to
> <mil-veh-digest@...>
> To reach a human, contact <ack@...>

---------------------------------------------------
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# 1014. Re: [MV] Senate Bill 1419 PCS (Placed on Calender of Senate)

Yahoo group: T-368_BC-610
Date: 2001-09-26 20:49:07 UTC
From: Joe Foley
Topic: 1014  Message: 1014

Here's another one!

Read carefully and think like a bureaucrat!

Joe

--- Ron <rojoha@...> wrote:
>
> Here's our favorite chamelon bill in the senate.
> Appears to be the one we
> have to be concerned about and kill. This version
> appears to reimburse for
> costs incurred in purchase and restoration if the
> cost to pick up,demil, and
> return is greater. Ain't that gonna make you sleep
> better. In the immortal
> words of Dan Quayle " Happy campers they once were,
> happy campers they will
> be." :
>
>
>
> S 1419 PCS
>
>
> Calendar No. 158
>
> 107th CONGRESS
>
> 1st Session
>
> S. 1419
> To authorize appropriations for fiscal year 2002 for
> military activities of
> the Department of Defense, to prescribe personnel
> strengths for such fiscal
> year for the Armed Forces, and for other purposes.
>
>
> IN THE SENATE OF THE UNITED STATES
>
> September 12, 2001
> Mr. LEVIN, from the Committee on Armed Services,
> reported the following
> original bill; which was read twice and placed on
> the calendar

>
>
>
>
>
>
>
>
>
>
>
> TITLE X--GENERAL PROVISIONS
>
> Subtitle A--Financial Matters
>
>
>
>
> SEC. 1062. AUTHORITY TO ENSURE DEMILITARIZATION OF
> SIGNIFICANT MILITARY
> EQUIPMENT FORMERLY OWNED BY THE DEPARTMENT OF
> DEFENSE.
>
> (a) PROHIBITION- It is unlawful for any person to
> possess significant
> military equipment formerly owned by the Department
> of Defense unless--
>
> (1) the military equipment has been demilitarized in
> accordance with
> standards prescribed by the Secretary of Defense;
>
> (2) the person is in possession of the military
> equipment for the purpose of
> demilitarizing the equipment pursuant to a Federal
> Government contract; or
>
> (3) the person is specifically authorized by law or
> regulation to possess
> the military equipment.
>
> (b) REFERRAL TO ATTORNEY GENERAL- The Secretary of
> Defense shall notify the
> Attorney General of any potential violation of
> subsection (a) of which the
> Secretary becomes aware.
>
> (c) AUTHORITY TO REQUIRE DEMILITARIZATION- (1) The
> Attorney General may
> require any person who, in violation of subsection
> (a), is in possession of

> significant military equipment formerly owned by the
> Department of Defense--
>
> (A) to demilitarize the equipment;
>
> (B) to have the equipment demilitarized by a third
> party; or
>
> (C) to return the equipment to the Federal
> Government for demilitarization.
>
> (2) When the demilitarization of significant
> military equipment is carried
> out pursuant to subparagraph (A) or (B) of paragraph
> (1), an officer or
> employee of the United States designated by the
> Attorney General shall have
> the right to confirm, by inspection or other means
> authorized by the
> Attorney General, that the equipment has been
> demilitarized.
>
> (3) If significant military equipment is not
> demilitarized or returned to
> the Federal Government for demilitarization as
> required under paragraph (1)
> within a reasonable period after the Attorney
> General notifies the person in
> possession of the equipment of the requirement to do
> so, the Attorney
> General may request that a court of the United
> States issue a warrant
> authorizing the seizure of the military equipment in
> the same manner as is
> provided for a search warrant. If the court
> determines that there is
> probable cause to believe that the person is in
> possession of significant
> military equipment in violation of subsection (a),
> the court shall issue a
> warrant authorizing the seizure of such equipment.
>
> (d) DEMILITARIZATION OF EQUIPMENT- (1) The Attorney
> General shall transfer
> any military equipment returned to the Federal
> Government or seized pursuant
> to subsection (c) to the Department of Defense for
> demilitarization.
>
> (2) If the person in possession of significant

> military equipment obtained
> the equipment in accordance with any other provision
> of law, the Secretary
> of Defense shall bear all costs of transportation
> and demilitarization of
> the equipment and shall either--
>
> (A) return the equipment to the person upon
> completion of the
> demilitarization; or
>
> (B) reimburse the person for the cost incurred by
> that person to acquire the
> equipment if the Secretary determines that the cost
> to demilitarize and
> return the property to the person would be
> prohibitive.
>
> (e) ESTABLISHMENT OF DEMILITARIZATION STANDARDS- (1)
> The Secretary of
> Defense shall prescribe regulations regarding the
> demilitarization of
> military equipment.
>
> (2) The regulations shall be designed to ensure
> that--
>
> (A) the equipment, after demilitarization, does not
> constitute a significant
> risk to public safety and does not have--
>
> (i) a significant capability for use as a weapon; or
>
> (ii) a uniquely military capability; and
>
> (B) any person from whom private property is taken
> for public use under this
> section receives just compensation for the taking of
> the property.
>
> (3) The regulations shall, at a minimum, define--
>
> (A) the classes of significant military equipment
> requiring demilitarization
> before disposal; and
>
> (B) what constitutes demilitarization for each class
> of significant military
> equipment.
>

> (f) DEFINITION OF SIGNIFICANT MILITARY EQUIPMENT- In
> this section, the term
> `significant military equipment' means equipment
> that has a capability
> described in clause (i) or (ii) of subsection (e)(2)
> and--
>
> (1) is a defense article listed on the United States
> Munitions List
> maintained under section 38 of the Arms Export
> Control Act (22 U.S.C. 2778)
> that is designated on that list as significant
> military
=== message truncated ===

_____
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# 1015. R-390A Antenna Connector

Yahoo group: T-368_BC-610
Date: 2001-09-28 18:28:04 UTC
From: Hagan, Reid J
Topic: 1015  Message: 1015

Does anyone on the list know of a supplier that might have one of the unbalanced antenna connectors for use on the R-390A??? I believe it is nomenclated: UG-943B/U. Any help will be greatly appreciated!

Reid <w2hu@...>

# 1016. T-368 question

Yahoo group: T-368_BC-610
Date: 2001-09-28 18:27:33 UTC
From: plmills@attglobal.net
Topic: 1016  Message: 1016

Hello,

I'm finally trying to get my project T-368 on the air.
One thing I've noticed is that the vfo (and/or multiplier)
stages run continuously. Is this normal? Is there an
easy way to cut them off for receive periods?

BTW, I had problems with flashover around the plate current
meter. It turns out that the meter mounting screws coming
in from the front panel were so long that they went almost
all the way through the insulating ring....F model from Oneida.

any and all help and advice welcomed, 73,
Phil
W5BVB

# 1017. Re: [T-368_BC-610] T-368 question

Yahoo group: T-368_BC-610
Date: 2001-09-28 20:55:50 UTC
From: w7qho@aol.com
Topic: 1016  Message: 1017

In a message dated 9/28/01 12:30:53 PM, plmills@... writes:

>One thing I've noticed is that the vfo (and/or multiplier)
>stages run continuously. Is this normal? Is there an
>easy way to cut them off for receive periods?

Phil,

The multiplier stages normally run only if the transmitter is keyed, either via the push-to-talk relay or S6 on the front of the modulator chassis (positions labeled "key Continuously" and "Normal").

In early T368 models, the PTO runs continuously. I don't know when the change occurred, but later models killed the B+ to the PTO as well. This change was retrofitted into some earlier units as well (my "C" model includes an obvious field mod to do this). I'm surprised your "F" doesn't include this change.

No problem here, though, with letting the PTO run. My "Basic" unit is unmodified and I can just barely hear the PTO in my R-390A if I disconnect the antenna and turn the gain way up.

I've never had any problems with the plate current meter in it's stock configuration, BTW.

Dennis D. W7QHO
Glendale, CA

# 1018. Re: Re:[T-368_BC-610] T-368 question

Yahoo group: T-368_BC-610
Date: 2001-09-28 23:17:05 UTC
From: w7qho@aol.com
Topic: 1016  Message: 1018

Phil,

Follow-on to my previous e-mail.

Check your "F" model for a switch up on the RF deck which gives the option of running the PTO continuously or only when keyed. I seem to remember this was included on some later models.

Dennis D. W7QHO

# 1019. Re: Re:[T-368_BC-610] T-368 question

Yahoo group: T-368_BC-610
Date: 2001-09-29 00:36:52 UTC
From: Joe Foley
Topic: 1016  Message: 1019

--- w7qho@... wrote:
> Phil,
>
> Follow-on to my previous e-mail.
>
> Check your "F" model for a switch up on the RF deck
> which gives the option of
> running the PTO continuously or only when keyed. I
> seem to remember this was
> included on some later models.
++++++=
Ah, yes,

Another mystery of the "F" model! I have that switch,
too. It's "S15" in the right rear of the exciter,
behind R4.

Of course, we have no schematics for it, or mention of
it in the manuals.

Has anyone seen a "G" model T-368?

Joe

_____
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http://phone.yahoo.com

# 1020. Elmira, NY Hamfest

Yahoo group: T-368_BC-610
Date: 2001-09-29 01:19:24 UTC
From: redmenaced@yahoo.com
Topic: 1020  Message: 1020

It's tomorrow!!

Anyone going to be there?

Joe KG2CI

# 1021. T-368 osc keying problem solved

Yahoo group: T-368_BC-610
Date: 2001-09-30 13:42:51 UTC
From: plmills@attglobal.net
Topic: 1021  Message: 1021

Thanks to Joe Foley for pointing me in the right direction.
All I had to do next was RTFM (computerese for Read The
F... Manual). Change C-5 describes wiring to relay K9 on
the modulator deck that allows it to remove the B+ to the
master oscillator and first buffer. Switch S15 on the
RF deck simply shorts out the relay contacts to let the
oscillator and buffer run continuously. Pot R74 on the
modulator deck allows adjustment of the delay time on K9.
I've now adjusted my unit to drop out after a very short
delay.

thanks & 73,
Phil
W5BVB

# 1022. Re: R-390A Antenna Connector

Yahoo group: T-368_BC-610
Date: 2001-10-01 21:12:19 UTC
From: tlewis@primmer.com
Topic: 1015  Message: 1022

--- In T-368_BC-610@y..., "Hagan, Reid J" <reid.j.hagan@l...> wrote:
> Does anyone on the list know of a supplier that might have one of
the
> unbalanced antenna connectors for use on the R-390A??? I believe
it is
> nomenclated: UG-943B/U. Any help will be greatly appreciated!
>
> Reid <w2hu@a...>

Hello Reid--

the unbalanced connector is a "C" connector. I Surplus Sales of Nebraska has an assortment of these C connectors and/or adapters to other series and the RF connection (www.therfc.com) carries some adapters between the "C" connector and other series such as "N" or BNC. Unfortunately "C" connectors & adapters are scarce and seem to be exhorbitantly priced even used-- pity, in that they seem to offer the robustness of an N (and then some) with the quick-connectability of a BNC.

If anyone knows of a more economical source of C connectors please let me know as well-- I can think of places I would like to use them in a new shack I'm building if they weren't so darned expensive

# 1023. Re: [T-368_BC-610] Re: R-390A Antenna Connector

Yahoo group: T-368_BC-610
Date: 2001-10-02 01:49:23 UTC
From: Joe Foley
Topic: 1015  Message: 1023

Fair Radio has "C" connectors, William Perry has "C"
connectors AND I saw some on a table at the Elmira,
NY hamfest, too!

Not only that, but Fair has them on a 6' piece of
coax, fine for connecting the R-390A to the T-368!

Joe

--- tlewis@... wrote:
> --- In T-368_BC-610@y..., "Hagan, Reid J"
> <reid.j.hagan@l...> wrote:
> > Does anyone on the list know of a supplier that
> might have one of
> the
> > unbalanced antenna connectors for use on the
> R-390A??? I believe
> it is
> > nomenclated: UG-943B/U. Any help will be greatly
> appreciated!
> >
> > Reid <w2hu@a...>
>
> Hello Reid--
>
> the unbalanced connector is a "C" connector. I
> Surplus Sales of
> Nebraska has an assortment of these C connectors
> and/or adapters to
> other series and the RF connection (www.therfc.com)
> carries some
> adapters between the "C" connector and other series
> such as "N" or
> BNC. Unfortunately "C" connectors & adapters are
> scarce and seem to
> be exhorbitantly priced even used-- pity, in that
> they seem to offer
> the robustness of an N (and then some) with the
> quick-connectability
> of a BNC.
>
> If anyone knows of a more economical source of C
> connectors please
> let me know as well-- I can think of places I would
> like to use them
> in a new shack I'm building if they weren't so

> darned expensive
>
>

_____
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# 1024. T-368 Registry 10/8/01

Yahoo group: T-368_BC-610
Date: 2001-10-08 21:42:21 UTC
From: W2ZR@aol.com
Topic: 1024  Message: 1024

W2ZR  w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI  redmenaced@...
Bendix T-368 E #160
contract  3219-PP-59

WF2U  mbendror@...
B&W T-368E #628
contract  15117-PP-62

W8KXR  jtone@...
B&W T-368C  #216
contract  43056-P-55

Bendix T-368C  #209
contract  3219-PP-59

W4WSZ  bobm@...
Stromberg-Carlson T-368D #161

KF2JQ  jprusso@...
AMF  T-368A #69
contract  25209-PHILA-54

WB3FAU  wb3fau@...
Oneida T-368F  #192
contract  15498-PP-63

KA3OTT  kazott@...
B&W T-368C  #018
contract  43056-P-56

KW1I  Dale.Gagnon@...
AMF T-368A  #62
contract 25209-PHILA-54

W3NP  daveh@...
B&W T-368E  #575
contract 15117-PP-62

KD1YT  tlewis@...
B&W  T-368E  #27
contract  15117-PP-62
overhauled at Pirmasens Army Depot

KX4R  kx4rgc@...
Crosley  T-368C  #560
contract  21316-PH-56

WB6DXR  lesterw@jps.net
B&W  T-368  #18
contract  25633-Phila-53

W2HU  reid.j.hagan@lmco.com
T-368  #138
(awaiting details)

W7QHO  w7qho@...
B&W  T-368  #129
contract  25633-PHILA-53

Crosley  T-368C  #237
contract  28459-PH-55

K2AUS  w.d.gallagher@worldnet.att.net
TRW  T-368F #303
contract  14527(E)

N4FS  n4fs@monmouth.com
TRW  T-368F  #261
contract  14527(E)

WA1QHQ  mark.donaldson@...
B&W T-368  #32
contract  25070-Phila-54

Oneida T-368F #59
contract 15498-PP-63

AE4IN  ae4in@...
Daystrom T-368C  #46
contract  28597-Phil-55

W5BVB  plmills@...
Oneida  T-368F  #19
contract  15498-PP-63

N4KIA  pradams@bellsouth.net
Crosley  T-368C  #275
contract  28459-PH-55

N2BC  n2bc@stny.rr.com
T-368C

K4BVQ  PHollifield@...
Bendix  T-368E  #118
contract  3219-PP-59
overhauled at Pirmasens Army Depot

KF4TP  olaf@...
TRW  T-368F  #190
contract 14527(E)

KE7KK  ke7kk@...
Stromber-Carlson T-368D  #33
contract #39692-PP-58

W9QM  r_longworth@...
Oneida T-368F  #149
contract 15498-PP-63

K9RJ  jandrjor@...
Stromberg-Carlson  T-368D  #55

WA6IUR  fly n ham@...
TRW  T-368F  #2
contract 14527(E)

W4TDC  WA4TDC@...
Crosley  T-368C #364
contract  28459-PH-55

K9XH  jleer@...
TRW  T-368F  #238
contract  14527(E)
overhauled at Pirmasens Army Depot

WA4KCY  sweetbay@...
TRW  T-368F  #358
contract  14527(E)

Tom Leiper (no call yet)  twleiper@juno.com
Ecco Electronic Components T-368F  #76
contract  DAAB05-67-C0022

K0WRX  PLCullum1823@...
B&W  T-368C  #305
contract  43056-P-56

W1ZD  w1nml@...
TRW  T-368F  #64
contract 14527(E)

K8OF  hamalot@...
T-368C
GDP 2/67

WB2FCN  chejmw@...
T-368A (nsn)

WB6ACU  WB6ACU@...
B&W T-368C  #285
contract  43056-P-56

overhauled at Pirmasens Army Depot

KD3FA  billn@...
B&W T-368E  #541
contract  11517-PP-62

W3TOY  wa3toj@...
B&W T-368  #13
contract  3472-Phila-52

B&W T-368E  #206
contract 15117-PP-62

W3PWW  (no email)
Crosley T-368C  #211
contract  28459-PH-55

W2HER  bobziolk@...
Bendix T-368E  #152
contract  3219-PP-59

WA0TSY  troy-aero@...
B&W  T-368C  #367
contract  43056-P-56
overhauled at Pirmasens Army Depot

AA9WQ  aa9wqham@...
B&W  T-368  #22
contract  3472-PHILA-53
overhauled

W7XH  billbraden@...
TRW  T-368F  #359
contract 14527(E)

KG2IC  kg2ic@...
T-368F

KC8CU  ramsta@...
B&W  T-368  #82
contract  25633-PH-53
overhauled at Lexington Blue Grass Army Depot

W3RC  dasein@...
ECCO  Electronic Components T-368F  #114
contract  DAAB05-67-C0022

USS New Jersey
TRW T-368F #172
contract 14527(E)

[Non-text portions of this message have been removed]

# 1025. W1UJH's T-368 information page

Yahoo group: T-368_BC-610
Date: 2001-10-13 02:21:04 UTC
From: redmenaced@yahoo.com
Topic: 1025  Message: 1025

Yup,

This is Bruce's page updated, he used to be KG2IC

Joe KG2CI

http://home.maine.rr.com/bhowes/t368_info_site.htm

# 1026. BC-610 manual on Ebay

Yahoo group: T-368_BC-610
Date: 2001-10-13 02:24:40 UTC
From: redmenaced@yahoo.com
Topic: 1026  Message: 1026

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1017200125

# 1027. Re: [MilSurplus] BC-610 available

Yahoo group: T-368_BC-610
Date: 2001-10-14 01:11:04 UTC
From: Joe Foley
Topic: 1027  Message: 1027

Found this on the Milsurplus list:

--- Bill Strangfeld <bstrang@...> wrote:
> I'm posting this for a friend. If interested,
> please reply to
> rduell@..., not to me.
>
> BC-610 available. Includes tuner, speech amplifier,
> and antenna
> tuner. Must be picked up in Dayton OH within the
> next week. For
> information contact rduell@...
>
> Bill, W8FIX
>
>
>
> ---
> Submissions milsurplus@...

_____
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# 1028. Big 160 coil

Yahoo group: T-368_BC-610
Date: 2001-10-15 19:49:43 UTC
From: barrie99@marsweb.com
Topic: 1028  Message: 1028

Hello All:

I'd like to build an antenna tuner to feed 600 ohm balanced line on 160M.

Anyone got a kilowatt coil for use with a swinging link for sale or trade?

73, Barrie, W7ALW (Don't have a BC-610, but do have an HT4-B.)

# 1029. HT-4 Registry?

Yahoo group: T-368_BC-610
Date: 2001-10-15 22:40:13 UTC
From: Joe Foley
Topic: 1029  Message: 1029

> Hey, now,
>
> We should include the HT-4 on this list, too.
>
> Anyone want to keep the registry for them?
>
> Joe
>
>
>
> --- barrie99@... wrote:
> > Hello All:
> >
> > I'd like to build an antenna tuner to feed 600 ohm
> > balanced line on
> > 160M.
> >
> > Anyone got a kilowatt coil for use with a swinging
> > link for sale or
> > trade?
> >
> > 73, Barrie, W7ALW (Don't have a BC-610, but do
> have
> > an HT4-B.)

---------------------------------------------------
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# 1030. Re: [T-368_BC-610] HT-4 Registry?

Yahoo group: T-368_BC-610
Date: 2001-10-15 23:17:23 UTC
From: w7qho@aol.com
Topic: 1029  Message: 1030

Anybody have (or seen) an original (prewar) HT-4? Have any of these survived?

Dennis D. W7QHO
Glendale, CA

# 1031. Re: [T-368_BC-610] HT-4 Registry?

Yahoo group: T-368_BC-610
Date: 2001-10-16 00:55:25 UTC
From: Jack Taylor
Topic: 1029  Message: 1031

This is the first time I've seen a HT-4 mentioned on the web. These covered what, 2-8 MCS?

73 de Jack

-----Original Message-----
From: w7qho@... <w7qho@...>
To: redmenaced@... <redmenaced@...>;
t-368_bc-610@yahoogroups.com <t-368_bc-610@yahoogroups.com>
Date: Monday, October 15, 2001 4:20 PM
Subject: Re: [T-368_BC-610] HT-4 Registry?

>Anybody have (or seen) an original (prewar) HT-4? Have any of these survived?
>
>Dennis D. W7QHO
>Glendale, CA
>
>
>
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>
>

# 1032. Re: [T-368_BC-610] HT-4 Registry?

Yahoo group: T-368_BC-610
Date: 2001-10-16 02:42:35 UTC
From: w7qho@aol.com
Topic: 1029  Message: 1032

In a message dated 10/15/01 5:53:29 PM, n7oo@... writes:

>This is the first time I've seen a HT-4 mentioned on the web. These covered
>what, 2-8 MCS?

In a nutshell....

The HT-4 was the original Hallicrafters transmitter from whence the BC-610 was derived. The rig was introduced in 1938, covered 160 through 10 M. The original price tag was $695, a fortune in those days. The tube line up included an RK-63 in the PA and a pair of RK-38s for modulators.

The Army got hold of it along about 1940, made some serious ruggedizing upgrades and other changes including using a 250TH in the PA and 100THs as modulators, and the rig went on to fame and glory as the BC-610 (in various models).

Hallicrafters offered the HT-4 again after the War for a while but probably didn't sell too many what with all the surplus 610s kicking around.

For everything you ever wanted to know about the BC-610 see ERs #126, 127 & 128.

Dennis D. W7QHO
Glendale, CA

# 1033. Re: [T-368_BC-610] HT-4 Registry?

Yahoo group: T-368_BC-610
Date: 2001-10-16 11:26:57 UTC
From: Jeff/W5OMR
Topic: 1029  Message: 1033

the HT-4 was the civilian version of the BC-610, from Hallicrafter. There was no difference in frequency coverage, I don't believe. Same 250TH, same pair of 100TH's. The Rig was the same - coil set wasn't as broad in range, providing access to the (then known) ham bands, only.

Wasn't that back in the days when 40m was CW only?
----- Original Message -----
From: Jack Taylor
To: redmenaced@... ; t-368_bc-610@yahoogroups.com ; w7qho@...
Sent: Monday, October 15, 2001 19:55
Subject: Re: [T-368_BC-610] HT-4 Registry?

This is the first time I've seen a HT-4 mentioned on the web. These covered what, 2-8 MCS?

73 de Jack

-----Original Message-----
From: w7qho@... <w7qho@...>
To: redmenaced@... <redmenaced@...>;
t-368_bc-610@yahoogroups.com <t-368_bc-610@yahoogroups.com>
Date: Monday, October 15, 2001 4:20 PM
Subject: Re: [T-368_BC-610] HT-4 Registry?

>Anybody have (or seen) an original (prewar) HT-4? Have any of these survived?
>
>Dennis D. W7QHO
>Glendale, CA
>
>
>
>
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[Non-text portions of this message have been removed]

# 1034. Re: [T-368_BC-610] HT-4 Registry?

Yahoo group: T-368_BC-610
Date: 2001-10-16 19:45:59 UTC
From: barrie99@marsweb.com
Topic: 1029  Message: 1034

w7qho@... wrote:
>
> Anybody have (or seen) an original (prewar) HT-4? Have any of these
> survived?
>
> Dennis D. W7QHO
> Glendale, CA
>
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Dennis:

My HT-4B is an original, prewar surivor.

73, Barrie, W7ALW

# 1035. Re: [T-368_BC-610] HT-4 Registry?

Yahoo group: T-368_BC-610
Date: 2001-10-16 19:48:06 UTC
From: barrie99@marsweb.com
Topic: 1029  Message: 1035

Jack Taylor wrote:
>
> This is the first time I've seen a HT-4 mentioned on the web. These
> covered
> what, 2-8 MCS?
>
> 73 de Jack
>
> -----Original Message-----
> From: w7qho@... <w7qho@...>
> To: redmenaced@... <redmenaced@...>;
> t-368_bc-610@yahoogroups.com <t-368_bc-610@yahoogroups.com>
> Date: Monday, October 15, 2001 4:20 PM
> Subject: Re: [T-368_BC-610] HT-4 Registry?
>
> >Anybody have (or seen) an original (prewar) HT-4? Have any of these
> survived?
> >
> >Dennis D. W7QHO
> >Glendale, CA
> >
> >
> >
> >
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> >
> >
> >
>
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>
>
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Jack:

Mine covers 160M through 20M.

73, Barrie, W7ALW

# 1036. BC-610 manual and others FS

Yahoo group: T-368_BC-610
Date: 2001-10-17 03:54:07 UTC
From: Joe Foley
Topic: 1036  Message: 1036

Not mine!!

Contact Dave

--- David Stinson <arc5@...> wrote:
> "COMMAND SETS" by CQ, Technical Series #106.
> A very nice copy in clean, tight condition $25.
>
> Surplus Conversion Manual #1, 1948 Second Edition.
> One of the fold-out schematics has tape on the spine
> (the one for the BC-348), otherwise very good,
> clean, tight condition $20.
>
> Surplus Conversion Manual #1, 1948 First Edition.
> The early one with the type face that looks like it
> was from a Smith Corona typewriter. This one has
> been
> professionally rebound and is clean and tight.
> Small 1/3rd inch dog-ear on the cover. $20
>
> Surplus Conversion Manual #2, 1948 First Edition.
> Small stain on lower left of cover, spine bumped
> at the bottom, binding tight, contents clean. $20
>
> Surplus Conversion Manual #2, 1948 Second Edition
> with advertising inside front and back.
> Some sunlight fading along the spine,
> otherwise excellent shape. $20
>
> Department of the Army Supply Catalog April 1953
> Sig 5 Subclass 3Z, Part IV, Miscellaneous Material
> Common to Radio and Wire Communication.
> Items listed by Stock number. Neat catalog
> of Signal Corps parts of 113 pages. Nice, clean
> condition. $10
>
> Visual Alignment Techniques for FM Servicing,
> 1947 by the General Electric Company.
> 28 pages plus foldout diagrams on using a scope
> for aligning vintage FM radios. $5
>
> TM 11-232 Radio Set SCR-177-B (BC-191, -314, -312).
> With change #2. Excellent condition. $25
>
> TM 11-4057 Repair Instructions BC-610, with large

> Change #1 to cover the F model. Excellent
> condition. $25
>
> AN/CRT-3 "Gibson Girl" maintenance manual.
> AN 16-30CRT3-2, April 1945.
> Stain on cover. Otherwise clean/complete/tight. $20
>
> "The Principles Underlying Radio Communication,"
> U.S. Army Signal Corps second edition 1921,
> hardbound, tight, clean and complete $12.
>
> Motorola RF Data Manual, 1978, big thick book
> on Motorola RF semiconductors with specs and
> applications. $3
>
> United States Armed Forces "Establishing and
> Operating
> an Electrical Appliance and Radio Shop," EM-986
> manual,
> June 1945. These manuals were issued to discharged
> vets
> to help them find new employment. 230 pages.
> Bottom right corner has about 1/3 inch of abrasion
> on the
> page edge, nothing detracting from the text.
> Interesting $5.
>
> WW-II booklet
> "Practical Analysis of Ultra High Frequency
> Tranmission Lines,
> Resonant Section, Resonant Cavities and Wave Guides"
> by RCA
> Service Company Field Engineers Meagher and Markley,
> Aug. 1943.
> 24 illistrated in plain english- no high power math.
> Very neat book if you're interested in UHF/Microwave
> developments during WWII. Very nice, clean shape
> $10
>
> TM 9-867 Maintenance and Care of Hand Tools, War
> Department 1945.
> Excellent book on use and care of hand tools for the
> shop.
> Great for those interested in a WWII shop display.
> $9
>
> Two big, thick Air Training Command books from 1965
> on Solid State stuff. Free for whomever wants to
> send the $3 it will take to mail it.
>

> Add $2 for postage in the U.S.
> Thanks,
> Dave S.
>
> ---
> Submissions milsurplus@...

---
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# 1037. I copied this from another list. Please reply to Morry, not me.

Yahoo group: T-368_BC-610
Date: 2001-10-17 15:41:42 UTC
From: W2ZR@aol.com
Topic: 1037  Message: 1037

Subj: [BoatAnchors] FS: T368 Stuff Date: 10/17/2001 11:24:46 AM Eastern Daylight Time From: morry.ham@... Sender: owner-boatanchors@... Reply-to: morry.ham@... To: boatanchors@... (boatanchors@qth.net) Fs: Have the freq multiplier and the PTO from a T368. Appear to be in nice condition with no dings es complete with tubes. I never tested as I have no way. 60.00 shipped CONUS Best 73 Morry K3DPJ [Non-text portions of this message have been removed]

# 1038. Finally!!

Yahoo group: T-368_BC-610
Date: 2001-10-22 04:00:06 UTC
From: redmenaced@yahoo.com
Topic: 1038  Message: 1038

Saturday night I finally got to talk to W7QHO in California!!

We had a QSO going for hours with almost 30 check-ins! At about midnight K1JJ and N2INR suggested trying to "DX" some west coast stations but the noise was LOUD!

Even so we were able to get out to Dennis W7QHO and Roger KD7HH in Wyoming. There were stations from Texas and Arizona but the noise made it too hard to copy them,.... maybe this winter.

Also, K5LH, VE5KGE, WA2NFF were there.

73

Joe KG2CI

# 1039. No Interest?

Yahoo group: T-368_BC-610
Date: 2001-10-22 18:41:06 UTC
From: redmenaced@yahoo.com
Topic: 1039  Message: 1039

Gee,

No one was interested in starting a registry for the HT-4?

I know there probably aren't many out there, is there only one person with one on this list?

Just what are the differencs between them and the BC-610?

Joe

# 1040. Re: [T-368_BC-610] No Interest?

Yahoo group: T-368_BC-610
Date: 2001-10-22 21:09:07 UTC
From: w7qho@aol.com
Topic: 1039  Message: 1040

In a message dated 10/22/01 11:42:48 AM, redmenaced@... writes:

>Just what are the differencs between them (the HT-4) and the BC-610?
>
In a nutshell....

The HT-4 was the original Hallicrafters transmitter from whence the BC-610 was derived. The rig was introduced in 1938, covered 160 through 10 M. The original price tag was $695, a fortune in those days. The original tube line up included an RK-63 in the PA and a pair of RK-38s for modulators.

The Army got hold of it along about 1940, made some serious ruggedizing upgrades and other changes including using a 250TH in the PA and 100THs as modulators, and the rig went on to fame and glory as the BC-610 (in various models).

Hallicrafters offered the HT-4 again after the War for a while (up through at least 1950, see ER #126) but probably didn't sell too many what with all the surplus 610s kicking around. The HT-4E as seen in a 1946 Hallicrafters advertisement looks just like a 610E and used Eimac bottles.

For everything you ever wanted to know about the BC-610 see ERs #126, 127 & 128.

Dennis D. W7QHO
Glendale, CA

# 1041. Re: [BoatAnchors] WTB T-368

Yahoo group: T-368_BC-610
Date: 2001-10-24 19:44:01 UTC
From: Joe Foley
Topic: 1041  Message: 1041

Contact Paul at his E-mail address! Note this is a VE
type ham, consider shipping to Western Canada.

Joe

--- Paul <radioboy@...> wrote:
> Hi group,
>
> I am looking to buy a T-368 transmitter in any
> condition, somewhere in the
> northwest US or western Canada.
>
> Thanks.
>
> Paul
> VE7KHZ
>
>
> ---
> List Administrator: Duane Fischer W8DBF
> ** For Assistance: dfischer@... **
> ---
> This list is sponsored by Sandhills Technical
> Service, Inc.
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>

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# 1042. RE: [T-368_BC-610] Re: [BoatAnchors] WTB T-368

Yahoo group: T-368_BC-610
Date: 2001-10-24 19:59:34 UTC
From: Paul
Topic: 1041  Message: 1042

No need to worry about shipping Joe. I will be driving to pick it up.

Thanks for your concern tho.

Paul

-----Original Message-----
From: Joe Foley [mailto:redmenaced@...]
Sent: Wednesday, October 24, 2001 12:44 PM
To: t-368_bc-610@yahoogroups.com
Subject: [T-368_BC-610] Re: [BoatAnchors] WTB T-368

Contact Paul at his E-mail address! Note this is a VE
type ham, consider shipping to Western Canada.

Joe

--- Paul <radioboy@...> wrote:
> Hi group,
>
> I am looking to buy a T-368 transmitter in any
> condition, somewhere in the
> northwest US or western Canada.
>
> Thanks.
>
> Paul
> VE7KHZ
>
>
> ---
> List Administrator: Duane Fischer W8DBF
> ** For Assistance: dfischer@... **
> ---
> This list is sponsored by Sandhills Technical
> Service, Inc.
> Complete service on vintage equipment and more!
> Find out about our services at:
> http://www.qsl.net/n4kvp/
>

_____
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# 1043. Re: [MV] BC 610 and aux generator.

Yahoo group: T-368_BC-610
Date: 2001-10-27 02:46:36 UTC
From: Joe Foley
Topic: 1043  Message: 1043

Hmm,.....

He wants a WHAT donated?

--- Richard <rvanhoo@...> wrote:
> The Oregon Military Museum foundation is looking for
> an operating BC 610 and PE
> 95 on trailer to support its WW II pilot briefing
> lounge/classroom/ radio
> station. No basket cases please. You know your
> spouse wants it out of the
> house and who could operate it with electricity
> prices today. After we brief
> the kids on the Ankala mission, we will show them
> the radio room where we keep
> track of the B 17, etc. and we will teach them some
> morse code. ... -.- . So
> don't junk it; give it to us and we will send you a
> tax receipt which the IRS
> will salute. We have Chosen Few volunteers that
> will transport-relay it to us.
> God Bless America ! Yes, we will put your name on
> the transmitter. See out
> super website: www.swiftview.com/~ormilmuseum
> Richard
>
>
> ===Mil-Veh is a member-supported mailing list===
> To unsubscribe, send e-mail to:
> <mil-veh-off@...>
> To switch to the DIGEST mode, send e-mail to
> <mil-veh-digest@...>
> To reach a human, contact <ack@...>

---------------------------------------------------
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# 1044. Re: [T-368_BC-610] Re: [MV] BC 610 and aux generator.

Yahoo group: T-368_BC-610
Date: 2001-10-27 03:54:05 UTC
From: dharlan
Topic: 1043  Message: 1044

Joe Foley wrote:
>
> Hmm,......
>
> He wants a WHAT donated?

Sounds like their after a whole freekin' SCR-299!

Dan N8ETQ CLE

>
> --- Richard <rvanhoo@...> wrote:
> > The Oregon Military Museum foundation is looking for
> > an operating BC 610 and PE
> > 95 on trailer to support its WW II pilot briefing
> > lounge/classroom/ radio
> > station. No basket cases please. You know your
> > spouse wants it out of the
> > house and who could operate it with electricity
> > prices today. After we brief
> > the kids on the Ankala mission, we will show them
> > the radio room where we keep
> > track of the B 17, etc. and we will teach them some
> > morse code. ... -.- . So
> > don't junk it; give it to us and we will send you a
> > tax receipt which the IRS
> > will salute. We have Chosen Few volunteers that
> > will transport-relay it to us.
> > God Bless America ! Yes, we will put your name on
> > the transmitter. See out
> > super website: www.swiftview.com/~ormilmuseum
> > Richard
> >
> >
> > ===Mil-Veh is a member-supported mailing list===
> > To unsubscribe, send e-mail to:
> > <mil-veh-off@...>
> > To switch to the DIGEST mode, send e-mail to
> > <mil-veh-digest@...>
> > To reach a human, contact <ack@...>
>
> _____
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>

>
>
>
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# 1045. Lots of surplus junk

Yahoo group: T-368_BC-610
Date: 2001-10-27 18:03:21 UTC
From: Joe Foley
Topic: 1045  Message: 1045

Wish I could go see this one!

Well,..... no, the barn's full.....

--- w5vpq@... wrote:
> Groups:
>
> Kennedy Associates, 2618 Rigsby, was the RCA two-way
> dealer in San
> Antonio starting in 1953. The proprietor was 'Tex"
> Kennedy, W5QDB. Tex
> decided to retire, and recently sold the business.
> While it was
> operating, Tex managed to fill 3 large buildings and
> a couple of acres
> with radio and electronics stuff, some related to
> the business, some
> related to ham radio, some, who knows why he
> collected it. Now it is
> being sold today, tomorrow and Sunday, first come,
> first served. The new
> owners took the modern equipment and radios, but
> left literally tons of
> other stuff, including tubes of all kinds (I saw a
> box with a dozen 1625s
> NIB, with a 2K25 on top) from 1940 to whenever RCA
> quit, and beyond.
> There is WW2 surplus (numerous BC-221s, a pair of
> VHF ARC-5s, several
> full sets of crystals for BC-603/683 type equipment
> other stuff I've
> never seen before), and military and commercial
> surplus from the 40s to
> probably the 70s. A little solid state stuff, not
> much. Two way radios,
> mostly RCA, from year 1 to who knows when. Mobiles,
> portables, base
> stations, repeaters, you name it. Trunking combiner
> panels. Cavities
> and duplexers. RCA repair parts. Coax from RG-58
> to 1-5/8" Heliax.
> Some tower stuff, mainly big unassembled
> self-supporting sections, and a
> jillion DB base antennas, used, of course. Other
> brand commercial

> antennas, and pieces of ham beams in several places.
> HF, low, high, 450
> band. Two or three of the original Cushman service
> monitors, lots of old
> HP and Tek stuff, on and on. More than you can even
> see in a day, much
> less evaluate. I got the cream, the set of four
> Millen grid-dipper low
> frequency coils which I have been looking for since
> 1970, and a pristine
> I-129(B) wavemeter set. That was off the top layer.
> Who knows what's
> underneath. Go by tomorrow, I'm sure Tex will be
> happy to sell you
> something. Bring a flashlight, by the way. Just
> looking is worth the
> trip. Every ham's wife should see it as a warning
> of what could happen
> to a serious collector.
>
> 73, George
> W5VPQ
>

---
> GET INTERNET ACCESS FROM JUNO!
> Juno offers FREE or PREMIUM Internet access for
> less!
> Join Juno today! For your FREE software, visit:
> http://dl.www.juno.com/get/web/.
>
> ---
> Submissions milsurplus@...

---
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http://personals.yahoo.com

# 1046. T-368 Speech amp chassis on Ebay!!!

Yahoo group: T-368_BC-610
Date: 2001-10-28 03:20:53 UTC
From: redmenaced@yahoo.com
Topic: 1046  Message: 1046

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1288763390

# 1047. Fair Radio moving to new shack!!

Yahoo group: T-368_BC-610
Date: 2001-10-31 18:15:31 UTC
From: Joe Foley
Topic: 1047  Message: 1047

You heard it here first!

> Dear Joe,
>
> I have bought an ex-lumber yard about 3 miles from
> our present location. It
> will be a lot easier to get to since it is about 1/4
> mile off I-75 at exit
> 122, St Route 65, 2395 St Johns Road in a light
> industrial area. A large
> parking lot and easy access. No more residential
> area. I do not know if
> you have ever been to our location, but if you have,
> you would see the
> advantage.
>
>
> The building will be easier to work from since it is
> all on one floor. We
> will have a greatly expanded store are plus we will
> arrange out shipping
> stock so the customers can easily look at it too.
> These are the ideas and
> we will see how things work out. The retail store
> will be almost three
> times the size of our present store. It will all
> take a lot of sorting out
> and planning, and I am sure it will be some time
> before we are fully settled
> in. We have been moving stuff for about a month and
> hope to be operational
> there by the end of December. I will tell you when
> the store is actually
> moved and open there. I expect the office to be the
> last thing to move
> since we have to put in new offices. It has already
> created the problem of
> moving material back to take care of orders, but I
> see no way around some of
> that. It will be an adventure.
>
> I will keep you posted.
>
> Sincerely
> Phillip Sellati

_____
Do You Yahoo!?
Make a great connection at Yahoo! Personals.
http://personals.yahoo.com

# 1048. Re: [T-368_BC-610] Fair Radio moving to new shack!!

Yahoo group: T-368_BC-610
Date: 2001-10-31 23:17:42 UTC
From: w7qho@aol.com
Topic: 1047  Message: 1048

Must be something like an archeological dig going on at the old site right now. Wish I could be there to see what turns up.

Dennis D. W7QHO
Glendale, CA

# 1049. T-3s on 17m Thanksgiving day ?

Yahoo group: T-368_BC-610
Date: 2001-11-01 17:51:17 UTC
From: William Kipping
Topic: 1049  Message: 1049

Hi heavy iron ops. Just a thought on a T-3 operating event. I recall about five or six years ago, Dale KW1I proposed a Christmas day greeting "test" in Electric radio for T-368s on 18.150. The conditions were poor and I only heard Art WA6? with a BC610 working Dale (did not hear KW1I) Not very successful. Any thoughts on trying again this Thanksgiving , any time of day on 18.150Mhz?
-Bill KE7KK T-368D #33 ke7kk@...
PS also looking for the HF tuning unit (slug) for the URM-120 wattmeter Tnx 73

# 1050. Re: [T-368_BC-610] T-3s on 17m Thanksgiving day ?

Yahoo group: T-368_BC-610
Date: 2001-11-01 18:44:24 UTC
From: w7qho@aol.com
Topic: 1049  Message: 1050

In a message dated 11/1/01 9:53:15 AM, ke7kk@... writes:

>Any thoughts on trying again this Thanksgiving , any time of
>day on 18.150Mhz?

I'm game to give it a try.

Dennis D. W7QHO
Glendale, CA

# 1051. T-368 antenna tuner and matchboxes

Yahoo group: T-368_BC-610
Date: 2001-11-01 23:21:46 UTC
From: redmenaced@yahoo.com
Topic: 1051  Message: 1051

http://cgi6.ebay.com/aw-cgi/eBayISAPI.dll?ViewListedItems&userid=trouts1&include=0&since=-1&sort=2&rows=25

# 1052. Value of T-368E??

Yahoo group: T-368_BC-610
Date: 2001-11-02 00:35:04 UTC
From: aidehua@aol.com
Topic: 1052  Message: 1052

I have an opportunity to locally purchase a T-368E with tuner, wattmeter, and all TM's. It is a TRW make and fully in tact. The copper chassis is shiny. Overall condition is CCA VG. What is a fair price to pay for this? Your help is greatly appreciated.

73,
Ed NI6S

[Non-text portions of this message have been removed]

# 1053. Mil Radio Net

Yahoo group: T-368_BC-610
Date: 2001-11-02 12:27:52 UTC
From: brronk777@aol.com
Topic: 1053  Message: 1053

Can someone please give me the FREQ es time for Saturday's Military Radio Net?

Tnx, Ron K -- W1ARS

# 1054. FW: T-368-C FOR SALE

Yahoo group: T-368_BC-610
Date: 2001-11-09 02:47:47 UTC
From: WF2U
Topic: 1054  Message: 1054

Just saw this posting on another list.

73, Meir WF2U

-----Original Message-----
From: owner-boatanchors@...
[mailto:owner-boatanchors@...] On Behalf Of Tom Smith
Sent: Thursday, November 08, 2001 9:04 PM
To: Old Tube Radios
Subject: T-368-C FOR SALE

I have for sale, in the northeast Texas or northwest Louisiana area, a
T-368-C transmitter with some spares and a original manual. All original
including paint except some reversable "Electric Radio" audio mods. Works
very well with full output. Prefer pickup but can be delivered to the
Houston area. A T-368 exciter and other parts are also available. Asking
$1200 or best offer for the transmitter.
Can be viewed at:
www.hal-pc.org/~tsmith/t368_1.jpg
281-417-5959 cell mostly days
281-364-1172 wrk between 8:00am-5:00pm cst

Thanks,
Tom N5AMA

# 1055. RE: [T-368_BC-610] T-3s on 17m Thanksgiving day ?

Yahoo group: T-368_BC-610
Date: 2001-11-09 23:05:18 UTC
From: William Kipping
Topic: 1049  Message: 1055

> [Original Message]
> From: William Kipping <ke7kk@...>
> To: <t-368_bc-610@yahoogroups.com>
> Date: 11/1/01 11:51:47 AM
> Subject: [T-368_BC-610] T-3s on 17m Thanksgiving day ?
>
> Hi heavy iron ops. Just a thought on a T-3 operating event. I recall
about
> five or six years ago, Dale KW1I proposed a Christmas day greeting "test"
> in Electric radio for T-368s on 18.150. The conditions were poor and I
only
> heard Art WA6? with a BC610 working Dale (did not hear KW1I) Not very
> successful. Any thoughts on trying again this Thanksgiving , any time of
> day on 18.150Mhz?
> -Bill KE7KK T-368D #33 ke7kk@...
>
> Ps only heard from one op w7qho, any one else want to get on?
>
>
> -----------
>
>
>
>

--- William Kipping
--- ke7kk@...
--- EarthLink: It's your Internet.

# 1056. T-368 problem from new member

Yahoo group: T-368_BC-610
Date: 2001-11-14 22:42:25 UTC
From: redmenaced@yahoo.com
Topic: 1056  Message: 1056

This was taken from the AM Window BBS:

Gents,
I have been working this for 2 eves and no progress. My loyal T3 is dead.
I also discovered I have a manual that differs from the rig (Manual 1955, rig is an "F" '67).
Symptoms:
-Will not key.(no: plate voltage relay, volts, current)
-I see -65v across pins F and gnd on the carbon mic input (should be -35?)
-When I do try to key the rig I see Int. Amp Plate current but no PA Grid drive or plate current.
- Also, keying does not cause the plate relay to close.
-I can force the plate relay to close and I see 100ma plate current if I use the "plate relay swtich" and "continuous keying" switch. (seems like plate relay and interlocks are ok)

Could it be the keying relay? Then why would I see IPA current when I key?
This is where the documentation is a problem. My mod deck is different from the manual. The K2 keying relay does not exist and I have additional tubes V21, V22 and relay K9...what are they??

This rig has me stumped and I'm not even sure I am isolating the problem to the right spot yet. If any of you T368 folks have advice I would like to hear from you. Off line would be fine. I was told there was a T3 reflector on the www. Does that still exist?

73
Tom

Then he says:

Hi Joe,

Yep, please sign me up for the reflector. I ran through the cockpit procedure and all seems proper. Fuse and tune-norm switch in HV are ok. The inability to key the rig and get grid drive is pointing me to somewhere earlier than HV but I'll double check that HV deck tonight.

Also, since I dont have a K2 keying relay do you know which relay is the key?

Interesting, my modulator deck is earlier than an F model. The date codes show 1959. Does your rig or documentation have V21, V22 (near the 0A2 string) and K9? What are they?

73
TM

# 1057. Re: [T-368_BC-610] T-368 problem from new member

Yahoo group: T-368_BC-610
Date: 2001-11-15 01:21:43 UTC
From: w7qho@aol.com
Topic: 1056  Message: 1057

In a message dated 11/14/01 2:47:19 PM, redmenaced@... writes:

>This is where the documentation is a problem. My mod deck is
>different from the manual. The K2 keying relay does not exist and I
>have additional tubes V21, V22 and relay K9...what are they??

Sounds like Tom is looking at the schematic for the very first or "Basic" model of the T-368. In later models, K9, V21 (6AH6) and V22 (6AH6) were added. The tubes control the action of K9 which is called the "slow release relay" which performs the functions of the keying relay K2 in earlier models (and does some other stuff too). First thing he needs is documentation for a C or later model.

I had something like this happen to my C last year during Vintage FD. The keying tubes V21 and 22 get their heater current from a transformer over on the speech amplifier chassis. Bad connection in J3/P3, keyer tubes dead and transmitter wouldn't key. Re-seating the connector fixed it.

Dennis D. W7QHO
Glendale, CA

# 1058. T-368 tune up

Yahoo group: T-368_BC-610
Date: 2001-11-20 05:24:38 UTC
From: Joe Munson
Topic: 1058  Message: 1058

Group,

I finally got the T-368 cleaned up, and back together. I only have a partial manuel, and can find no info on how much current the final should draw, unkeyed, and how much the modulators should pull on voice peaks. I have finally got some audio through it, but sounding nasty, with lots of hum, ane only in the "tune" instead of the "normal" position. When I throw it to the "Normal" position, unit idles just fine, but once speak into the mic, all heck breaks use, much flashing going on, as I can see blue reflections in the window of the shack, and the main breaker lets go. If some one would be kind enough to repy to me, with a phone nunber and a couple of different times and days as to when I could call you, I would like to pump yer brains on the T-368 and tuning prodecures.

thanks

Joe
WA4VAG

# 1059. T-368 Registry 11/20/01

Yahoo group: T-368_BC-610
Date: 2001-11-20 13:22:25 UTC
From: W2ZR@aol.com
Topic: 1059  Message: 1059

W2ZR  w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI  redmenaced@...
Bendix T-368 E #160
contract  3219-PP-59

WF2U  mbendror@...
B&W T-368E #628
contract  15117-PP-62

W8KXR  jtone@...
B&W T-368C  #216
contract  43056-P-55

Bendix T-368C  #209
contract  3219-PP-59

W4WSZ  bobm@...
Stromberg-Carlson T-368D #161

KF2JQ  jprusso@...
AMF  T-368A #69
contract  25209-PHILA-54

WB3FAU  wb3fau@...
Oneida T-368F  #192
contract  15498-PP-63

KA3OTT  kazott@...
B&W T-368C  #018
contract  43056-P-56

KW1I  Dale.Gagnon@...
AMF T-368A  #62
contract 25209-PHILA-54

W3NP  daveh@...
B&W T-368E  #575
contract 15117-PP-62

KD1YT  tlewis@...
B&W  T-368E  #27
contract  15117-PP-62
overhauled at Pirmasens Army Depot

KX4R  kx4rgc@...
Crosley  T-368C  #560
contract  21316-PH-56

WB6DXR  lesterw@jps.net
B&W  T-368  #18
contract  25633-Phila-53

W2HU  reid.j.hagan@lmco.com
T-368  #138
(awaiting details)

W7QHO  w7qho@...
B&W  T-368  #129
contract  25633-PHILA-53

Crosley  T-368C  #237
contract  28459-PH-55

K2AUS  w.d.gallagher@worldnet.att.net
TRW  T-368F #303
contract  14527(E)

N4FS  n4fs@monmouth.com
TRW  T-368F  #261
contract  14527(E)

WA1QHQ  mark.donaldson@...
B&W T-368  #32
contract  25070-Phila-54

Oneida T-368F  #59
contract  15498-PP-63

AE4IN  ae4in@...
Daystrom T-368C  #46
contract  28597-Phil-55

W5BVB  plmills@attglobal.net
Oneida  T-368F  #19
contract  15498-PP-63

N4KIA  pradams@bellsouth.net
Crosley  T-368C  #275
contract  28459-PH-55

N2BC  n2bc@...
T-368C

K4BVQ  PHollifield@...
Bendix  T-368E  #118
contract  3219-PP-59
overhauled at Pirmasens Army Depot

KF4TP  olaf@...
TRW  T-368F  #190
contract 14527(E)

KE7KK  ke7kk@...
Stromber-Carlson T-368D  #33
contract #39692-PP-58

W9QM  r_longworth@...
Oneida T-368F  #149
contract 15498-PP-63

K9RJ  jandrjor@...
Stromberg-Carlson  T-368D  #55

WA6IUR  fly n ham@...
TRW  T-368F  #2
contract 14527(E)

W4TDC  WA4TDC@...
Crosley  T-368C #364
contract  28459-PH-55

K9XH  jleer@...
TRW  T-368F  #238
contract  14527(E)
overhauled at Pirmasens Army Depot

WA4KCY  sweetbay@...
TRW  T-368F  #358
contract  14527(E)

Tom Leiper (no call yet)  twleiper@juno.com
Ecco Electronic Components T-368F  #76
contract  DAAB05-67-C0022

K0WRX  PLCullum1823@...
B&W  T-368C  #305
contract  43056-P-56

W1ZD  w1nml@...
TRW  T-368F  #64
contract 14527(E)

K8OF  hamalot@...
T-368C
GDP 2/67

WB2FCN  chejmw@...u
T-368A  (nsn)

WB6ACU  WB6ACU@...
B&W T-368C  #285
contract  43056-P-56

overhauled at Pirmasens Army Depot

KD3FA  billn@...
B&W T-368E  #541
contract  11517-PP-62

W3TOY  wa3toj@...
B&W T-368  #13
contract  3472-Phila-52

B&W T-368E  #206
contract 15117-PP-62

W3PWW  (no email)
Crosley T-368C  #211
contract  28459-PH-55

W2HER  bobziolk@...
Bendix T-368E  #152
contract  3219-PP-59

WA0TSY  troy-aero@...
B&W  T-368C  #367
contract  43056-P-56
overhauled at Pirmasens Army Depot

AA9WQ  aa9wqham@...
B&W  T-368  #22
contract  3472-PHILA-53
overhauled

W7XH  billbraden@aol.com
TRW  T-368F  #359
contract 14527(E)

KG2IC  kg2ic@...
T-368F

KC8CU  ramsta@...
B&W  T-368  #82
contract  25633-PH-53
overhauled at Lexington Blue Grass Army Depot

W3RC  dasein@existential.com
ECCO  Electronic Components T-368F  #114
contract  DAAB05-67-C0022

USS New Jersey
TRW  T-368F  #172
contract  14527(E)

K8TV ken.koyan@...
B&W T-368C #10

contract 43056-P-56

[Non-text portions of this message have been removed]

# 1060. Re: [T-368_BC-610] T-368 tune up

Yahoo group: T-368_BC-610
Date: 2001-11-21 04:37:24 UTC
From: Joe Foley
Topic: 1058  Message: 1060

When I throw
> it to the "Normal" position, unit idles just fine,
> but once speak into the
> mic, all heck breaks use, much flashing going on,
> as I can see blue
> reflections in the window of the shack, and the main
> breaker lets go
+++++++
This sounds kind of like what I had when I started
mine.

Make sure the spark gaps are set according to the
manual. Fair Radio has good copies of the "E" manual.

Check the condition of the insulation on the HV wiring
in the power supply deck. If its cracked it will arc
under load especially under the 3B28 sockets and where
the two HV leads go from the plate transformer to the
caps of the 3B28's.

Mine had no smoke marks or damage from this so it was
hard to find. The insulation looked like a dry-rotted
tire but no wire showing through. It was evidently
arcing where it crossed wires of the opposite
potential and/or to ground.

Joe

_____
Do You Yahoo!?
Yahoo! GeoCities - quick and easy web site hosting, just $8.95/month.
http://geocities.yahoo.com/ps/info1

# 1061. BC-610? meters on E-bay

Yahoo group: T-368_BC-610
Date: 2001-11-22 05:38:58 UTC
From: redmenaced@yahoo.com
Topic: 1061  Message: 1061

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1300326865

# 1062. Re: [T-368_BC-610] BC-610? meters on E-bay

Yahoo group: T-368_BC-610
Date: 2001-11-22 17:28:15 UTC
From: Jeff/W5OMR
Topic: 1061  Message: 1062

Not from an E model....

[Non-text portions of this message have been removed]

# 1063. Re: [T-368_BC-610] BC-610? meters on E-bay

Yahoo group: T-368_BC-610
Date: 2001-11-22 22:36:47 UTC
From: James M. Walker
Topic: 1061  Message: 1063

Hi All,
I think the guy made a mistake. I have (1) E-model, (2) I-model, they use Marion meters. Those might be from the BC-614 Speech Amp, but I doubt it as mine are all Marion there as well. The Scale is blurry but looks like 0 - 300 MA, which would tend to point to a Speech Amp, as the Plate meter goes up to 500 MA on the BC-610. Probably from another Hallicrafters rig.
Jim
WB2FCN

Jeff/W5OMR wrote:
>
> Not from an E model....
>
> [Non-text portions of this message have been removed]
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 1064. TEST-DO NOT READ

Yahoo group: T-368_BC-610
Date: 2001-11-23 12:46:18 UTC
From: W2ZR@aol.com
Topic: 1064  Message: 1064

TEST

[Non-text portions of this message have been removed]

# 1065. BC-610 modulator deck build

Yahoo group: T-368_BC-610
Date: 2001-11-24 16:57:06 UTC
From: Gary Pewitt N9ZSV
Topic: 1065  Message: 1065

Some time ago I bought a stripped down BC-610E and have been accumulating parts to restore it. I had found everything but the mod deck. Robert Downs was kind enough to dig out a chassis and is going to search out the rest of the parts for me. Since I will be building the deck from the chassis up it occurred to me that some modifications to improve performance might be in order. Was the E model mod deck satisfactory as issued, or would it be worth while to make some changes? Do you know of a good source for any mods?
I know from listening in on 3880 and 3885 that some of those fellows running 610's have a -very- nice signal. I have heard that the speech amp also left something to be desired as issued. I have two of them, one complete and one that needs restoring. So it wouldn't be a crime to modify the incomplete one. I've heard that some people have used a powerful audio amp as a replacement for the regular speech amp along with audio mixers and other studio type equipment. I don't know if I want to go that far but I do want a nice clean am signal. Maybe I should leave the E model stock and make any changes to my I model. If it needs any that is. Any advice or pointers gratefully accepted. Thanks and 73 Gary

# 1066. Re: BC-610 Stuff

Yahoo group: T-368_BC-610
Date: 2001-11-25 19:02:26 UTC
From: Kristjan Ragnarson
Topic: 1066  Message: 1066

The following items are available. I talked the heirs into giving
you BC-610 lovers first crack at it otherwise it heads to eBay
where they think it'll go for zillions of $$$$. They will accept
offers so if you're interested, make a reasonable offer, better
still, make an offer on the whole slotch:

TU-53/BC-610 RF Tuning Unit, 8.0-12.0 mhz, good
Tuning Unit condx, Missing VFO knob, Mfr: 1945.

TU-48/BC-610 RF Tuning Unit, 2.5-3.2 mhz, good
Tuning Unit good condx, complete.

BC-610 Xtal FT-171B Excel condx, 2220 khz

BC-610 Xtal FT-181B Excel condx, 2125 khz

All buyers pay for postage (no charge to pack and take to USPO/UPS
(your choice). Shipped from central Fla (ZIP 34442)

Send any replies to me at: --- hvalver@... --- or
--- penguino@... ---

73 Walt (N4GL)
==========68_BC-610@yahoogroups.com
>Reply-To: T-368_BC-610@yahoogroups.com
>To: T-368_BC-610@yahoogroups.com
>Subject: [T-368_BC-610] Digest Number 425
>Date: 25 Nov 2001 14:42:10 -0000
>
>There is 1 message in this issue.
>
>Topics in this digest:
>
> 1. BC-610 modulator deck build
> From: Gary Pewitt N9ZSV <gpewitt@...>
>
>
>_____
>_____
>
>Message: 1
> Date: Sat, 24 Nov 2001 10:57:06 -0600
> From: Gary Pewitt N9ZSV <gpewitt@...>
>Subject: BC-610 modulator deck build
>
>Some time ago I bought a stripped down BC-610E and have been accumulating
>parts to restore it. I had found everything but the mod deck. Robert

>Downs was kind enough to dig out a chassis and is going to search out the
>rest of the parts for me. Since I will be building the deck from the
>chassis up it occurred to me that some modifications to improve
>performance might be in order. Was the E model mod deck satisfactory as
>issued, or would it be worth while to make some changes? Do you know of a
>good source for any mods?
>I know from listening in on 3880 and 3885 that some of those fellows
>running 610's have a -very- nice signal. I have heard that the speech amp
>also left something to be desired as issued. I have two of them, one
>complete and one that needs restoring. So it wouldn't be a crime to modify
>the incomplete one. I've heard that some people have used a powerful audio
>amp as a replacement for the regular speech amp along with audio mixers and
>other studio type equipment. I don't know if I want to go that far but I
>do want a nice clean am signal. Maybe I should leave the E model stock and
>make any changes to my I model. If it needs any that is. Any advice or
>pointers gratefully accepted. Thanks and 73 Gary
>
>
>
>_____
>_____
>
>
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

_____
Get your FREE download of MSN Explorer at http://explorer.msn.com/intl.asp

# 1067. Has anybody seen one?

Yahoo group: T-368_BC-610
Date: 2001-11-27 03:35:24 UTC
From: redmenaced@yahoo.com
Topic: 1067  Message: 1067

A T-946.

The side band version of the T-368.

Does anyone actually have one?

Joe

# 1068. Re: [T-368_BC-610] Has anybody seen one?

Yahoo group: T-368_BC-610
Date: 2001-11-27 15:05:29 UTC
From: Ken Warren
Topic: 1067  Message: 1068

I have 2 of them in the basement, used them in the service.

Ken Warren K7RPX

# 1069. Some BC-610 items for sale.

Yahoo group: T-368_BC-610
Date: 2001-11-28 03:57:21 UTC
From: Joe Foley
Topic: 1069  Message: 1069

Larry has them, not me!

--- Telegrapher@... wrote:
> More stuff to move. All of it has been stored
> inside one of my closets
> (except for the Harvey-Wells power supply) for
> years.
>
> Heathkit DX-20. Not mint but in good working
> condition and i'd say
> average to a little above in appearance. I've used
> it on 40M. COmplete
> and i have the manual someplace. $65
>
> Harvey-Wells T-90 transmitter. Nice shape. I've
> not used it since i
> got it and it doesn't look like i'm going to get to.
> I do have the
> manual for it, somewhere. $110
>
> Harvey-Wells AC power supply (heavy dude) Dirty and
> i was told it had
> some wiring changes to some Heathkit specs. Not
> powered up and needs
> the 12 pin cinch-jones connector to plug into the
> H-W transmitter. $140
>
> H-P 3400A RMS voltmeter. Real nice condx. Been
> setting in the garage
> for about a year i guess as i've never used it
> although i bet its in
> good operating condx. Price? I have no idea. Lets
> start at $75?
>
> Boonton Model 1001A Signal Generator. 15 cycles to
> 50 Mc. No power
> cord so i can't verify its working condx. Original
> owner never mailed
> it to me and doesn't respond to my attempts to
> contact him. Kinda heavy
> to although not like the H-P 608 series. $100????
>
> RT-91/ARC-2. Dirty. Out of one of the junk yards
> in Tucson. Been in
> my shed for several years. Need to move it out.

> $125
>
> WECO KS line amps. 5 ea. Has jacks to measure level
> and Freq in/out.
> Also jacks to insert signal (600 ohm) into amp and
> measure output with
> equalizer controls. Price? Don't have a clue.
> $200 to start?
> Offers? Excellent condx and 115Vac rack mounted
> units.
>
> T-32 Mic. Used to see pictures of the guys in
> control towers talking
> into them. Has stand like D-104 but kinda like your
> talking into one of
> the old wall telephone sets. Black of course.
> Don't know if it had a
> push to talk switch on the vertical handle or not.
> This one has a
> toggle switch on the base. $21?
>
> BC-610 coils and tuning units. MOst all the coils
> are very good shape.
> Higher freq units above 6.5 mc do not have the
> lucite bracing for the
> coils but kind of a bakelite (brown) material so are
> sturdy units. Lots
> in the 12-18 mc range which can me modified to use
> on 10 mtrs. swinging
> link type which was the later coil. $12 per.
>
> A piece of black bakelite which has 72 holders for
> the -171 type xtals
> used with the BC-610. As a guess, about 20 xtals
> are missing. No i
> didn't take time to count the empty positions. $30?
>
> E.F.Johnson #667 ceramic inductor form. This is
> NIB. $11
>
> High voltage probe. Probably 12 inches or so long.
> Never used here.
> Has single button like the mic connector on the end
> where the cord
> attaches. Cord (shows bare wire in one palce) and
> PL- plug on the end
> of that to plug into your voltmeter. $14?
>
> Telegraph keys: 3 i liberated from certain death
> (it cost me tho) out

> of airplanes headed for the shredder in Tucson a
> couple years ago. They
> were Navy patrol type. Markings on the keys were:
>
> CTE-26003A
> CMI-2600
> 213265
> These were the Navy style keys. All have some of
> the original wire
> remaining on them. I'd think $70 per item. ??
>
> 1 ea J-37 type with no base $25
> 1 ea J-38 style by Signal Electric, Menominee, Mi.,
> no base $45
> 1 ea J-38 style no markings, brass or pot metal.
> $30
>
> I don't know where i am on the key prices but
> suspect i'm fairly close.
>
> Lots more to go.
>
> Postage is extra which may include packaging costs
> as i may not have the
> necessary material here to do the job so it will be
> extra as well.
>
> X-post this to other lists if you care to.
>
> Larry
> W0OGH
>
> ---
> Submissions milsurplus@...

_____
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http://geocities.yahoo.com/ps/info1

# 1070. Breaking News!!

Yahoo group: T-368_BC-610
Date: 2001-11-28 17:08:47 UTC
From: redmenaced@yahoo.com
Topic: 1070  Message: 1070

The lastest word from the archeology department is that an item of interest has been un-earthed at the Fair Radio dig.

Its a modulator deck from a T-368, condition listed as poor, details to follow, film at eleven!

Joe

# 1071. Re: T-368 parts yet?

Yahoo group: T-368_BC-610
Date: 2001-11-28 17:28:10 UTC
From: Joe Foley
Topic: 1071  Message: 1071

--- Fair Radio Sales <surplus@...> wrote:
> Joe,
>
> The modulator deck has no tubes and is marked "do
> not apply power.
> Everything looks ok. I could take an ohmmeter to
> the transformers. Price
> is $325.00 plus shipping.
>
> I also have another speech amp which we will put on
> ebay in a week or so.
>
> I have most of the outside sheet metal from a
> BC-610E If you are interested
> I'11 get it out and take some pictures.
>
> Sincerely
>
> Phil
>
>
>
> At 05:04 PM 11/28/01 -0000, you wrote:
> >Hi Phil,
> >
> >Have you dug out anymore T-368 or BC-610 parts from
> the old store yet?
> >
> >I hear you found a Modulator deck, any particulars
> on it, how much
> >for it?
> >
> >Thanks,
> >
> >Joe
> >
> >
> >
>

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# 1072. BC-610, BC-614, BC-939

Yahoo group: T-368_BC-610
Date: 2001-11-28 18:13:54 UTC
From: James M. Walker
Topic: 1072  Message: 1072

There is a complete and working BC-610 "System"
with working BC-614, and BC-939 Antenna Tuner.
All Refurbished, and working @ the E-pay place!

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1301471711

Jim

# 1073. Re: [T-368_BC-610] Has anybody seen one?

Yahoo group: T-368_BC-610
Date: 2001-11-28 19:38:46 UTC
From: Ken Warren
Topic: 1067  Message: 1073

I have had a couple of requests to describe the T-946/GRC-129 transmitter which is the SSB successor to the T-368.

The power supply chassis and the cabinet are the only components that remain unchanged. The main rf deck was pulled and scraped. The new rf deck contains a PL-172/8295 final amp and a low level rf amp for the new signal which is fed in from an external source. It is band switched in 4 bands from 2-30 MHz. The frequency steps available are 250 Hz, 500 Hz, 750 Hz, and 1KHz depending on which band you have selected. It is really nothing more than a linear amp.

The modulator deck has all of the AM components removed and now contains power supplys for the low level driver amp and a new microphone amp with the output sent to the multi-mode exciter which is external to the main cabinet.

Mounted to the top of the cabinet next to the antenna tuner is a short 19 inch rack mount frame to hold the O-1202 frequency synthesizer which generates all of the necessary frequencys for the transmitter and the frequency stabilized R-390's which are now redesignated R-1247. Also mounted in the rack is the CV-1695 amplitude single side band converter. The signals from the O-1202 are fed into the CV-1695 along with the audio from the mic amp in the transmitter cabinet, mixed, filtered and the resultant desired frequency RF output is fed back into the RF deck for amplification.
The modes available are USB, LSB, COMPOSITE AM, FSK+AM, FSK, CW.
Signals from the O-1202 are also sent to the O-1203, CV-1693 and CV-1694 which provide stabilized signals for the PTO and crystal bank in the R-1247 receiver. The CV-1694 is a product detector for the receiver.

When everything works, it works well however the O-1202 synthesizer is a real pain to work on.

I have used mine on the air a few times, however it is in need of a few minor repairs now.

Ken Warren K7RPX

# 1074. T-368 Question

Yahoo group: T-368_BC-610
Date: 2001-11-28 22:29:55 UTC
From: Robert Moody
Topic: 1074  Message: 1074

Fellow users,

I have just started to get my T3 going after it has been sitting here for over a year.

Everything seems to work fine. However, the osc runs all the time and blanks the rcvr when the plates are turned off.

Is there a modification which needs to be added to cure this?

Thanks for any help or suggestions.

Bob, W4WSZ

# 1075. Re: [T-368_BC-610] T-368 Question

Yahoo group: T-368_BC-610
Date: 2001-11-29 00:45:39 UTC
From: Mike Feher
Topic: 1074  Message: 1075

Bob -

To the best of my recollection there is a toggle switch right behind the VFO. It has to be placed in the other position then it will key the VFO normally. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell NJ, 07731
(732) 901-9193

----- Original Message -----
From: "Robert Moody" <bobm@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Wednesday, November 28, 2001 5:29 PM
Subject: [T-368_BC-610] T-368 Question

> 
> 
> 
> Fellow users,
> 
> I have just started to get my T3 going after it has been sitting here for
> over a year.
> 
> Everything seems to work fine. However, the osc runs all the time and
> blanks the rcvr when the plates are turned off.
> 
> Is there a modification which needs to be added to cure this?
> 
> Thanks for any help or suggestions.
> 
> Bob, W4WSZ
> 
> 
> 
> 
> 
> 
> 
> 
> 
> 
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> 
> 
> 

# 1076. Re: [T-368_BC-610] T-368 Question

Yahoo group: T-368_BC-610
Date: 2001-11-29 01:54:09 UTC
From: w7qho@aol.com
Topic: 1074  Message: 1076

In a message dated 11/28/01 4:48:25 PM, n4fs@... writes:

>
>To the best of my recollection there is a toggle switch right behind the
>VFO. It has to be placed in the other position then it will key the VFO
>normally. 73 - Mike
>

All,

This question seems to come up every few months. In models up through the "C" (at least) the PTO runs continuously. Later models keyed the PTO too, but included a switch up on the RF deck to provide the option of doing this or not. The F model reportedly does this but I don't know when this feature was added (D and/or E?).

Now, in those models with the switch the PTO signal is apparently quite loud. In my old
Basic (non-keyed) model, however, the PTO signal is just barely discernible and causes no listening problems. I wonder if others with the older models find this to be the case too? Please give us a report. I might also add that my C model was modified somewhere along the way to key the PTO but doesn't have the switch. Has anyone else run into this field mod?

Dennis D. W7QHO
Glendale, CA

# 1077. Re: [T-368_BC-610] T-368 Question

Yahoo group: T-368_BC-610
Date: 2001-11-29 02:19:02 UTC
From: Mike Feher
Topic: 1074  Message: 1077

Thanks for the clarification Dennis. To put it in perspective for every one
I have an F model, hence the switch. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell NJ, 07731
(732) 901-9193

----- Original Message -----
From: <W7QHO@...>
To: <T-368_BC-610@yahoogroups.com>; <n4fs@...>
Sent: Wednesday, November 28, 2001 8:54 PM
Subject: Re: [T-368_BC-610] T-368 Question

>
> In a message dated 11/28/01 4:48:25 PM, n4fs@... writes:
>
> >
> >To the best of my recollection there is a toggle switch right behind the
> >VFO. It has to be placed in the other position then it will key the VFO
> >normally. 73 - Mike
> >
>
> All,
>
> This question seems to come up every few months. In models up through the
> "C" (at least) the PTO runs continuously. Later models keyed the PTO
too,
> but included a switch up on the RF deck to provide the option of doing
this
> or not. The F model reportedly does this but I don't know when this
feature
> was added (D and/or E?).
>
> Now, in those models with the switch the PTO signal is apparently quite
loud.
> In my old
> Basic (non-keyed) model, however, the PTO signal is just barely
discernible
> and causes no listening problems. I wonder if others with the older
models
> find this to be the case too? Please give us a report. I might also add
> that my C model was modified somewhere along the way to key the PTO but
> doesn't have the switch. Has anyone else run into this field mod?
>
> Dennis D. W7QHO

> Glendale, CA
>

# 1078. WANTED

Yahoo group: T-368_BC-610
Date: 2001-11-29 02:29:52 UTC
From: Robert Moody
Topic: 1078  Message: 1078

The search is on for the location of (SW 6) switch on the T-368D/URT.

Any and all clues will be investigated.

73,

Bob, W4WSZ

# 1079. Re: [T-368_BC-610] WANTED

Yahoo group: T-368_BC-610
Date: 2001-11-29 02:54:21 UTC
From: Joe Foley
Topic: 1078  Message: 1079

--- Robert Moody <bobm@...> wrote:
> The search is on for the location of (SW 6) switch
> on the T-368D/URT.
>
> Any and all clues will be investigated.
+++++++
Nope, Bob,

That's not what's happening here.

I think you've crashed into the dilemma that all of us have had with our T-368's, that is, trying to determine just which model all of the modules actually are from.

My RF deck is an "F" but has an "E" tag on it, the power supply deck is probably from a "D" model, maybe a "C". The modulator deck is definitely an "F" because it doesn't match the latest schematic we've found, that being for the "E" model.

That switch is right behind the big resistor on the right side of the RF deck, next to the plug that gets removed to take out the exciter module and in front of the plug that is removed to take out the RF deck. You could miss it if you don't take the RF deck out.

If it's not there then you probably have a "C" model RF deck. Good thing Dennis and Mike showed up, I'd forgotten about that switch!

Joe KG2CI

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# 1080. Re: [T-368_BC-610] T-368 Question

Yahoo group: T-368_BC-610
Date: 2001-11-29 06:43:51 UTC
From: w7qho@aol.com
Topic: 1074  Message: 1080

In a message dated 11/28/01 6:41:34 PM, bobm@... writes:

>My model is a "D"
>
>I can not find the switch anywhere on the deck.
>
>Any ideas?

Bob,

Do you have the lead from the "FSK" connector on the front of the RF deck still plugged into J-102 (located on the rear of the exciter chassis next to V-102)? If so, unplug it and see what happens. This runs all the way across the RF chassis and can act like an antenna. While you're at it might as well unplug the lead to J-104 too. You don't need either of these in place unless you're running RTTY.

Dennis D. W7QHO
Glendale, CA

# 1081. Target!

Yahoo group: T-368_BC-610
Date: 2001-11-30 00:20:44 UTC
From: redmenaced@yahoo.com
Topic: 1081  Message: 1081

http://www.qsl.net/w7gmk/w7uo.html

# 1082. T3 speech amp wtb

Yahoo group: T-368_BC-610
Date: 2001-11-30 19:14:52 UTC
From: Tom Mackie
Topic: 1082  Message: 1082

Hi All,

Does anyone have a spare speech amp they are willing to part with?
Reasonably complete (with transformers and connectors) is a must but it
doesnt have to be working or pretty.

I will be changing the tube lineup on a project buildup.

73
Tom
W2ILA

# 1083. HT-4 Owner

Yahoo group: T-368_BC-610
Date: 2001-12-01 18:46:14 UTC
From: Joe Foley
Topic: 1083  Message: 1083

YES!!

HT-4's are definitely welcome here!!

So are T-946's.

Feel free to upload a picture of your station to the
files section or the picture section.

Should we start an HT-4 registry? Someone's already
doing the T-368 registry, and another has the BC-610
registry. They get posted to the list every month so
we can keep up with any updates.

Joe

> Greetings OM!
>
> I'm interested in subscribing to your group. The
> only
> clincher is that I actually have an HT-4H and not a
> BC-610. It looks like the postwar model BC-610, only
> a
> commercial version. According to the manual, it is
> supposed to be the equivalent of a BC-610G, which I
> don't see in my '610 manual. This transmitter is
> S/N 156, and I have all the coils that cover 2 to 30
>
> MC's. Yes, 10 meters! It is not operational at the
> moment, having been stored for the last 30 years. My
>
> HT-5G speech amp is S/N 101. I see that this is a
> restricted group, so that's why I'm asking if it's
> okay
> to join in. It would be really good to see what
> other
> folks have done with their BC-610's. I would
> DEFINATELY
> be interested in knowing more about my 18 to 30 MC
> tuning units, the TU-55 (18 to 24 MC) and
> TU-56 (24 to 30 MC) along with their associated tank
>
> coil, which is supposed to cover 18 to 30 MC's. I
> wonder
> what fundamental frequencies these tuning units
> operated

> on to generate the eventual multiplied output on 18
> to
> 30 MC? I want to put an external VFO on the tuning
> units, so that information would be a help. Any
> suggestions??
>
> Thanks and 73. I'll be looking forward to hearing
> from
> you soon.
>
> Steve Davis, KD2NX
> Middletown, New Jersey
>
> --
> E-Mail: kd2nx@...
>
>
>
>
>

_____
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# 1084. W2ZR!!!

Yahoo group: T-368_BC-610
Date: 2001-12-01 23:37:18 UTC
From: redmenaced@yahoo.com
Topic: 1084  Message: 1084

YOUR EMAIL DOESN'T WORK!!!!!!!!

Joe

# 1085. Re: [T-368_BC-610] HT-4 Owner

Yahoo group: T-368_BC-610
Date: 2001-12-01 23:45:48 UTC
From: barrie99@marsweb.com
Topic: 1083  Message: 1085

Joe Foley wrote:
> 
> YES!!
> 
> HT-4's are definitely welcome here!!
> 
> So are T-946's.
> 
> Feel free to upload a picture of your station to the
> files section or the picture section.
> 
> Should we start an HT-4 registry? Someone's already
> doing the T-368 registry, and another has the BC-610
> registry. They get posted to the list every month so
> we can keep up with any updates.
> 
> Joe
> 
> > Greetings OM!
> > 
> > I'm interested in subscribing to your group. The
> > only
> > clincher is that I actually have an HT-4H and not a
> > BC-610. It looks like the postwar model BC-610, only
> > a
> > commercial version. According to the manual, it is
> > supposed to be the equivalent of a BC-610G, which I
> > don't see in my '610 manual. This transmitter is
> > S/N 156, and I have all the coils that cover 2 to 30
> > 
> > MC's. Yes, 10 meters! It is not operational at the
> > moment, having been stored for the last 30 years. My
> > 
> > HT-5G speech amp is S/N 101. I see that this is a
> > restricted group, so that's why I'm asking if it's
> > okay
> > to join in. It would be really good to see what
> > other
> > folks have done with their BC-610's. I would
> > DEFINATELY
> > be interested in knowing more about my 18 to 30 MC
> > tuning units, the TU-55 (18 to 24 MC) and
> > TU-56 (24 to 30 MC) along with their associated tank
> > 
> > coil, which is supposed to cover 18 to 30 MC's. I

> > wonder
> > what fundamental frequencies these tuning units
> > operated
> > on to generate the eventual multiplied output on 18
> > to
> > 30 MC? I want to put an external VFO on the tuning
> > units, so that information would be a help. Any
> > suggestions??
> >
> > Thanks and 73. I'll be looking forward to hearing
> > from
> > you soon.
> >
> > Steve Davis, KD2NX
> > Middletown, New Jersey
> >
> > --
> > E-Mail: kd2nx@...
> >
> >
> >
> >
> >
>
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Yes, start an HT4 registry. I have one and I'd like to know how many more are out there.

Also, I'm looking for the plug-in, 160M air-padder-cap for thew HT4. Anyone ever seen one or have one?

73, Barrie, W7ALW

# 1086. Re: [T-368_BC-610] HT-4 Owner Pics and diagrams follow up

Yahoo group: T-368_BC-610
Date: 2001-12-02 09:15:36 UTC
From: g4gjl@aol.com
Topic: 1086  Message: 1086

How do we get to the files or picture section?

I need to see some pix of the T-368 close up....The other rigs would be interesting too.

Pete

G4GJL

[Non-text portions of this message have been removed]

# 1087. T3- HV mods on RF deck

Yahoo group: T-368_BC-610
Date: 2001-12-02 18:09:13 UTC
From: Tom Mackie
Topic: 1087  Message: 1087

Hi All,

Is there a URL where I can find recommended mods for the RF deck of the T368? I would like to get the B+ off the meter and tank circuit. I looked at the WA1HLR modification on the "AM Window" page but was wondering if there are other ways to go that may be even more effective with (most important) less work.

73
Tom
W2ILA

# 1088. T-368 Registry 12/02/01

Yahoo group: T-368_BC-610
Date: 2001-12-02 20:42:34 UTC
From: W2ZR@aol.com
Topic: 1088  Message: 1088

W2ZR  w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI  redmenaced@...
Bendix T-368 E #160
contract  3219-PP-59

WF2U  wf2u@...
B&W T-368E #628
contract  15117-PP-62

W8KXR  jtone@...
B&W T-368C  #216
contract  43056-P-55

Bendix T-368C  #209
contract  3219-PP-59

W4WSZ  bobm@...
Stromberg-Carlson T-368D #161

KF2JQ  jprusso@acsu.buffalo.edu
AMF  T-368A #69
contract  25209-PHILA-54

WB3FAU  wb3fau@...
Oneida T-368F  #192
contract  15498-PP-63

KA3OTT  kazott@...
B&W T-368C  #018
contract  43056-P-56

KW1I  Dale.Gagnon@...
AMF T-368A  #62
contract 25209-PHILA-54

W3NP  daveh@...
B&W T-368E  #575
contract 15117-PP-62

KD1YT  tlewis@...
B&W  T-368E  #27
contract  15117-PP-62
overhauled at Pirmasens Army Depot

KX4R  kx4rgc@...
Crosley  T-368C  #560
contract  21316-PH-56

WB6DXR  lesterw@...
B&W  T-368  #18
contract  25633-Phila-53

W2HU  reid.j.hagan@lmco.com
T-368  #138
(awaiting details)

W7QHO  w7qho@...
B&W  T-368  #129
contract  25633-PHILA-53

Crosley  T-368C  #237
contract  28459-PH-55

K2AUS  w.d.gallagher@worldnet.att.net
TRW  T-368F #303
contract  14527(E)

N4FS  n4fs@monmouth.com
TRW  T-368F  #261
contract  14527(E)

WA1QHQ  mark.donaldson@...
B&W T-368  #32
contract  25070-Phila-54

Oneida T-368F  #59
contract  15498-PP-63

AE4IN  ae4in@...
Daystrom T-368C  #46
contract  28597-Phil-55

W5BVB  plmills@...
Oneida  T-368F  #19
contract  15498-PP-63

N4KIA  pradams@bellsouth.net
Crosley  T-368C  #275
contract  28459-PH-55

N2BC  n2bc@stny.rr.com
T-368C

K4BVQ  PHollifield@...
Bendix  T-368E  #118
contract  3219-PP-59
overhauled at Pirmasens Army Depot

KF4TP  olaf@...
TRW  T-368F  #190
contract 14527(E)

KE7KK  ke7kk@...
Stromber-Carlson T-368D  #33
contract #39692-PP-58

W9QM  r_longworth@...
Oneida T-368F  #149
contract 15498-PP-63

K9RJ  jandrjor@...
Stromberg-Carlson  T-368D  #55

WA6IUR  fly n ham@...
TRW  T-368F  #2
contract 14527(E)

W4TDC  WA4TDC@...
Crosley  T-368C #364
contract  28459-PH-55

K9XH  jleer@...
TRW  T-368F  #238
contract  14527(E)
overhauled at Pirmasens Army Depot

WA4KCY  sweetbay@...
TRW  T-368F  #358
contract  14527(E)

Tom Leiper (no call yet)  twleiper@juno.com
Ecco Electronic Components T-368F  #76
contract  DAAB05-67-C0022

K0WRX  PLCullum1823@...
B&W  T-368C  #305
contract  43056-P-56

W1ZD  w1nml@...
TRW  T-368F  #64
contract 14527(E)

K8OF  hamalot@...
T-368C
GDP 2/67

WB2FCN  chejmw@...
T-368A  (nsn)

WB6ACU  WB6ACU@...
B&W T-368C  #285
contract  43056-P-56

overhauled at Pirmasens Army Depot

KD3FA  billn@...
B&W T-368E  #541
contract  11517-PP-62

W3TOY  wa3toj@...
B&W T-368  #13
contract  3472-Phila-52

B&W T-368E  #206
contract 15117-PP-62

W3PWW  (no email)
Crosley T-368C  #211
contract  28459-PH-55

W2HER  bobziolk@...
Bendix T-368E  #152
contract  3219-PP-59

WA0TSY  troy-aero@...
B&W  T-368C  #367
contract  43056-P-56
overhauled at Pirmasens Army Depot

AA9WQ  aa9wqham@...
B&W  T-368  #22
contract  3472-PHILA-53
overhauled

W7XH  billbraden@...
TRW  T-368F  #359
contract 14527(E)

KG2IC  kg2ic@...
T-368F

KC8CU  ramsta@...
B&W  T-368  #82
contract  25633-PH-53
overhauled at Lexington Blue Grass Army Depot

W3RC  dasein@...
ECCO  Electronic Components T-368F  #114
contract  DAAB05-67-C0022

USS New Jersey
TRW  T-368F  #172
contract  14527(E)

K8TV  ken.koyan@...
B&W T-368C  #10

contract  43056-P-56

W9XRT jmain@execpc.com
Bendix T-368E #17
contract 3219-PP-59

[Non-text portions of this message have been removed]

# 1089. T-368/BC-610

Yahoo group: T-368_BC-610
Date: 2001-12-02 21:49:31 UTC
From: tsmith@hal-pc.org
Topic: 1089  Message: 1089

Guess I need to get my poop on the registry.

T-368-C Crosley Ser.#51
BC-610-I Ser.#333 (ex Navy mars transmitter from Greenland)

Thanks,
Tom N5AMA

# 1090. Re: T3- HV mods on RF deck

Yahoo group: T-368_BC-610
Date: 2001-12-03 00:32:45 UTC
From: redmenaced@yahoo.com
Topic: 1087  Message: 1090

--- In T-368_BC-610@y..., Tom Mackie <tom_mackie@t...> wrote:
> Hi All,
>
> Is there a URL where I can find recommended mods for the RF deck of
the
> T368? I would like to get the B+ off the meter and tank circuit.
I looked
> at the WA1HLR modification on the "AM Window" page but was
wondering if
> there are other ways to go that may be even more effective with
(most
> important) less work.
>
> 73
> Tom
> W2ILA
++++++++
There is a discussion of the audio mods here with some pictures:

http://groups.yahoo.com/group/T-368_BC-610

Also, check the home page for this list at yahoogroups.com, search
for T-368, and click on the July listings for "Hot Choke".

Joe

# 1091. T3 Restoration

Yahoo group: T-368_BC-610
Date: 2001-12-03 02:09:57 UTC
From: aidehua@aol.com
Topic: 1091  Message: 1091

Who restores T-368's in Los Angeles? I'm sure this unit (which I do not own) works okay, but it could use a full paint job, plus alignment and complete check out.

Thanks,

Ed NI6S

# 1092. First Issue of the HT-4 Registry!!!!

Yahoo group: T-368_BC-610
Date: 2001-12-03 23:23:31 UTC
From: Joe Foley
Topic: 1092  Message: 1092

> > What makes you think you're the only lazy person
> in
> > the world? I have
> > considerable experience at that myself!
> >
> > Well, I don't know where to begin, so that's that.
> >
> > First entry into the HT4 registry:
> >
> > Barrie Smith, W7ALW
> >
> > HT4-B, SN: 5106
> >
> > Any other HT4's out there?
> >
> > 73

---
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http://shopping.yahoo.com

# 1093. T-368 Registry 12/03/01

Yahoo group: T-368_BC-610
Date: 2001-12-03 23:23:28 UTC
From: W2ZR@aol.com
Topic: 1093  Message: 1093

W2ZR  w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI  redmenaced@...
Bendix T-368 E #160
contract  3219-PP-59

WF2U  wf2u@...
B&W T-368E #628
contract  15117-PP-62

W8KXR  jtone@...
B&W T-368C  #216
contract  43056-P-55

Bendix T-368C  #209
contract  3219-PP-59

W4WSZ  bobm@...
Stromberg-Carlson T-368D #161

KF2JQ  jprusso@acsu.buffalo.edu
AMF  T-368A #69
contract  25209-PHILA-54

WB3FAU  wb3fau@...
Oneida T-368F  #192
contract  15498-PP-63

KA3OTT  kazott@...
B&W T-368C  #018
contract  43056-P-56

KW1I  Dale.Gagnon@...
AMF T-368A  #62
contract 25209-PHILA-54

W3NP  daveh@...
B&W T-368E  #575
contract 15117-PP-62

KD1YT  tlewis@...
B&W  T-368E  #27
contract  15117-PP-62
overhauled at Pirmasens Army Depot

KX4R  kx4rgc@...
Crosley  T-368C  #560
contract  21316-PH-56

WB6DXR  lesterw@...
B&W  T-368  #18
contract  25633-Phila-53

W2HU  reid.j.hagan@lmco.com
T-368  #138
(awaiting details)

W7QHO  w7qho@...
B&W  T-368  #129
contract  25633-PHILA-53

Crosley  T-368C  #237
contract  28459-PH-55

K2AUS  w.d.gallagher@worldnet.att.net
TRW  T-368F #303
contract  14527(E)

N4FS  n4fs@monmouth.com
TRW  T-368F  #261
contract  14527(E)

WA1QHQ  mark.donaldson@...
B&W T-368  #32
contract  25070-Phila-54

Oneida T-368F  #59
contract  15498-PP-63

AE4IN  ae4in@...
Daystrom T-368C  #46
contract  28597-Phil-55

W5BVB  plmills@...
Oneida  T-368F  #19
contract  15498-PP-63

N4KIA  pradams@bellsouth.net
Crosley  T-368C  #275
contract  28459-PH-55

N2BC  n2bc@stny.rr.com
T-368C

K4BVQ  PHollifield@...
Bendix  T-368E  #118
contract  3219-PP-59
overhauled at Pirmasens Army Depot

KF4TP  olaf@...
TRW  T-368F  #190
contract 14527(E)

KE7KK  ke7kk@...
Stromber-Carlson T-368D  #33
contract #39692-PP-58

W9QM  r_longworth@...
Oneida T-368F  #149
contract 15498-PP-63

K9RJ  jandrjor@...
Stromberg-Carlson  T-368D  #55

WA6IUR  fly n ham@...
TRW  T-368F  #2
contract 14527(E)

W4TDC  WA4TDC@...
Crosley  T-368C #364
contract  28459-PH-55

K9XH  jleer@...
TRW  T-368F  #238
contract  14527(E)
overhauled at Pirmasens Army Depot

WA4KCY  sweetbay@...
TRW  T-368F  #358
contract  14527(E)

Tom Leiper (no call yet)  twleiper@juno.com
Ecco Electronic Components T-368F  #76
contract  DAAB05-67-C0022

K0WRX  PLCullum1823@...
B&W  T-368C  #305
contract  43056-P-56

W1ZD  w1nml@...
TRW  T-368F  #64
contract 14527(E)

K8OF  hamalot@...
T-368C
GDP 2/67

WB2FCN  chejmw@...
T-368A  (nsn)

WB6ACU  WB6ACU@...
B&W T-368C  #285
contract  43056-P-56

overhauled at Pirmasens Army Depot

KD3FA  billn@...
B&W T-368E  #541
contract  11517-PP-62

W3TOY  wa3toj@...
B&W T-368  #13
contract  3472-Phila-52

B&W T-368E  #206
contract 15117-PP-62

W3PWW  (no email)
Crosley T-368C  #211
contract  28459-PH-55

W2HER  bobziolk@...
Bendix T-368E  #152
contract  3219-PP-59

WA0TSY  troy-aero@...
B&W  T-368C  #367
contract  43056-P-56
overhauled at Pirmasens Army Depot

AA9WQ  aa9wqham@...
B&W  T-368  #22
contract  3472-PHILA-53
overhauled

W7XH  billbraden@...
TRW  T-368F  #359
contract 14527(E)

KG2IC  kg2ic@...
T-368F

KC8CU  ramsta@...
B&W  T-368  #82
contract  25633-PH-53
overhauled at Lexington Blue Grass Army Depot

W3RC  dasein@...
ECCO  Electronic Components T-368F  #114
contract  DAAB05-67-C0022

USS New Jersey
TRW  T-368F  #172
contract  14527(E)

K8TV  ken.koyan@...
B&W T-368C  #10

contract  43056-P-56

W9XRT  jmain@execpc.com
Bendix T-368E  #17
contract  3219-PP-59

N5AMA tsmith@hal-pc.org
Crosley T-368C #51
contract 28459-PH-55

[Non-text portions of this message have been removed]

# 1094. Re: [T-368_BC-610] HT-4 Owner Pics and diagrams follow up

Yahoo group: T-368_BC-610
Date: 2001-12-04 23:15:45 UTC
From: Joe Foley
Topic: 1086  Message: 1094

Go to:

Yahoogroups.com

Put: T-368 into the search window. That will get you
to the home page for this list, on the left you will
see the choices for "files" and "pictures". There is
nothing in the "pictures" area at this time.

Joe

--- g4gjl@... wrote:
> How do we get to the files or picture section?
>
> I need to see some pix of the T-368 close up....The
> other rigs would be
> interesting too.
>
> Pete
>
> G4GJL
>
>
> [Non-text portions of this message have been
> removed]
>
>

_____
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http://shopping.yahoo.com

# 1095. KA3OTT's webpage

Yahoo group: T-368_BC-610
Date: 2001-12-05 01:08:31 UTC
From: redmenaced@yahoo.com
Topic: 1095  Message: 1095

Here you will find information on the field modification that has to do with the PTO switch in the "C" model T-368. Also, a good treatise on starting up an unknown transmitter.

Thanks, Ed

73

Joe

http://home.att.net/~r391/www_ott/t368.htm

# 1096. Narrow Band FM with a T-368?

Yahoo group: T-368_BC-610
Date: 2001-12-05 03:52:17 UTC
From: redmenaced@yahoo.com
Topic: 1096  Message: 1096

Here's a challenge from the AM Window BBS page.

The manual says:

With an external exciter the T-368 can broadcast narrow-band FM.

Anyone ever try this?

What exciter is used, or is typical for this mode?

Then we have to have the appropriate grey receiver to go with it.

Joe KG2CI

: : is FM allowed on 75mtrs?

: Narrowband FM is certainly allowed on 75 meters, as well as on 160,
40, and all other bands where we AM'ers like to hang out. I would
love to try some FM tests, running my 20V at full carrier power
output (up to 1100 watts), substituting an FM exciter for the
oscillator and disabling the AM modulator.
: It would be even more interesting to try a test that was tried by
WQYK in Florida some years ago. They ran sliver-band FM (+/- 1 kc
deviation), using an FM broadcast exciter running at 101.0 Mc and
using a prescaler to divide by 100 to arrive at WQYK's frequency of
1010 kc. They had a receiver which could upconvert the received
: mediumwave FM signal and multiply it in the IF to reconstitute the
+/- 75 kc deviation. Although WQYK still superimposed some AM (which
would be illegal in amateur radio) to ensure compatibility with
regular AM receivers, I would love to try this with pure FM on 1885
or 1890 kc. Does anyone have any ideas about the special FM receiver
that the WQYK engineers used for their test?
: It might be worth a try; it could eliminate the noise on 75 and 160
meters, it would allow us to run a full 1500 watts of carrier, it
would eliminate the audio rectification type of RFI, and, if we could
expand the narrow FM signal in the receiver, we should be able to
obtain BETTER fidelity than we currently get with AM.

: Any takers?

: Phil K2PG

# 1097. T-368 Registry 12/05/01

Yahoo group: T-368_BC-610
Date: 2001-12-05 10:54:18 UTC
From: W2ZR@aol.com
Topic: 1097  Message: 1097

W2ZR  w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI  redmenaced@...
Bendix T-368 E #160
contract  3219-PP-59

WF2U  wf2u@...
B&W T-368E #628
contract  15117-PP-62

W8KXR  jtone@...
B&W T-368C  #216
contract  43056-P-55

Bendix T-368C  #209
contract  3219-PP-59

W4WSZ  bobm@...
Stromberg-Carlson T-368D #161

KF2JQ  jprusso@acsu.buffalo.edu
AMF  T-368A #69
contract  25209-PHILA-54

WB3FAU  wb3fau@...
Oneida T-368F  #192
contract  15498-PP-63

KA3OTT  kazott@...
B&W T-368C  #018
contract  43056-P-56

KW1I  Dale.Gagnon@...
AMF T-368A  #62
contract 25209-PHILA-54

W3NP  daveh@...
B&W T-368E  #575
contract 15117-PP-62

KD1YT  tlewis@...
B&W  T-368E  #27
contract  15117-PP-62
overhauled at Pirmasens Army Depot

KX4R  kx4rgc@...
Crosley  T-368C  #560
contract  21316-PH-56

WB6DXR  lesterw@...
B&W  T-368  #18
contract  25633-Phila-53

W2HU  reid.j.hagan@lmco.com
T-368  #138
(awaiting details)

W7QHO  w7qho@...
B&W  T-368  #129
contract  25633-PHILA-53

Crosley  T-368C  #237
contract  28459-PH-55

K2AUS  w.d.gallagher@worldnet.att.net
TRW  T-368F #303
contract  14527(E)

N4FS  n4fs@monmouth.com
TRW  T-368F  #261
contract  14527(E)

WA1QHQ  mark.donaldson@...
B&W T-368  #32
contract  25070-Phila-54

Oneida T-368F  #59
contract  15498-PP-63

AE4IN  ae4in@...
Daystrom T-368C  #46
contract  28597-Phil-55

W5BVB  plmills@...
Oneida  T-368F  #19
contract  15498-PP-63

N4KIA  pradams@bellsouth.net
Crosley  T-368C  #275
contract  28459-PH-55

N2BC  n2bc@stny.rr.com
T-368C

K4BVQ  PHollifield@...
Bendix  T-368E  #118
contract  3219-PP-59
overhauled at Pirmasens Army Depot

KF4TP  olaf@...
TRW  T-368F  #190
contract 14527(E)

KE7KK  ke7kk@...
Stromber-Carlson T-368D  #33
contract #39692-PP-58

W9QM  r_longworth@...
Oneida T-368F  #149
contract 15498-PP-63

K9RJ  jandrjor@...
Stromberg-Carlson  T-368D  #55

WA6IUR  fly n ham@...
TRW  T-368F  #2
contract 14527(E)

W4TDC  WA4TDC@...
Crosley  T-368C #364
contract  28459-PH-55

K9XH  jleer@...
TRW  T-368F  #238
contract  14527(E)
overhauled at Pirmasens Army Depot

WA4KCY  sweetbay@...
TRW  T-368F  #358
contract  14527(E)

Tom Leiper (no call yet)  twleiper@juno.com
Ecco Electronic Components T-368F  #76
contract  DAAB05-67-C0022

K0WRX  PLCullum1823@...
B&W  T-368C  #305
contract  43056-P-56

W1ZD  w1nml@...
TRW  T-368F  #64
contract 14527(E)

K8OF  hamalot@...
T-368C
GDP 2/67

WB2FCN  chejmw@...
T-368A  (nsn)

WB6ACU  WB6ACU@...
B&W T-368C  #285
contract  43056-P-56

overhauled at Pirmasens Army Depot

KD3FA  billn@...
B&W T-368E  #541
contract  11517-PP-62

W3TOY  wa3toj@...
B&W T-368  #13
contract  3472-Phila-52

B&W T-368E  #206
contract 15117-PP-62

W3PWW  (no email)
Crosley T-368C  #211
contract  28459-PH-55

W2HER  bobziolk@...
Bendix T-368E  #152
contract  3219-PP-59

WA0TSY  troy-aero@...
B&W  T-368C  #367
contract  43056-P-56
overhauled at Pirmasens Army Depot

AA9WQ  aa9wqham@...
B&W  T-368  #22
contract  3472-PHILA-53
overhauled

W7XH  billbraden@...
TRW  T-368F  #359
contract 14527(E)

KG2IC  kg2ic@...
T-368F

KC8CU  ramsta@...
B&W  T-368  #82
contract  25633-PH-53
overhauled at Lexington Blue Grass Army Depot

W3RC  dasein@...
ECCO  Electronic Components T-368F  #114
contract  DAAB05-67-C0022

USS New Jersey
TRW  T-368F  #172
contract  14527(E)

K8TV  ken.koyan@...
B&W T-368C  #10

contract  43056-P-56

W9XRT  jmain@execpc.com
Bendix T-368E  #17
contract  3219-PP-59

N5AMA  tsmith@hal-pc.org
Crosley  T-368C  #51
contract  28459-PH-55

W2ILA tom_mackie@...
ECCO Electronic Components T-368F #103
contract DAAB05-67-C0022

[Non-text portions of this message have been removed]

# 1098. BC-610 Crystals on Ebay

Yahoo group: T-368_BC-610
Date: 2001-12-05 23:57:02 UTC
From: Joe Foley
Topic: 1098  Message: 1098

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1304617558

_____
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http://greetings.yahoo.com

# 1099. Re: [T-368_BC-610] Re: [BoatAnchors] WTB T-368

Yahoo group: T-368_BC-610
Date: 2001-12-06 05:46:12 UTC
From: Doug Wherry
Topic: 1041  Message: 1099

I have a T-368C that is going on the market.I have lost interest in the hobby.Doug K8OF
----- Original Message -----
From: Joe Foley <redmenaced@...>
To: <t-368_bc-610@yahoogroups.com>
Sent: Wednesday, October 24, 2001 11:44 AM
Subject: [T-368_BC-610] Re: [BoatAnchors] WTB T-368

> Contact Paul at his E-mail address! Note this is a VE
> type ham, consider shipping to Western Canada.
>
> Joe
>
>
>
> --- Paul <radioboy@...> wrote:
> > Hi group,
> >
> > I am looking to buy a T-368 transmitter in any
> > condition, somewhere in the
> > northwest US or western Canada.
> >
> > Thanks.
> >
> > Paul
> > VE7KHZ
> >
> >
> > ---
> > List Administrator: Duane Fischer W8DBF
> > ** For Assistance: dfischer@... **
> > ---
> > This list is sponsored by Sandhills Technical
> > Service, Inc.
> > Complete service on vintage equipment and more!
> > Find out about our services at:
> > http://www.qsl.net/n4kvp/
> >
>
>
> _____
> Do You Yahoo!?
> Make a great connection at Yahoo! Personals.
> http://personals.yahoo.com
>

>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

# 1100. Re: [T-368_BC-610] Re: [BoatAnchors] WTB T-368

Yahoo group: T-368_BC-610
Date: 2001-12-06 18:19:28 UTC
From: Joe Foley
Topic: 1041  Message: 1100

--- Doug Wherry <hamalot@...> wrote:
> Joe, its most likely an 8 plus out of 10.Real
> nice.Very few marks.No
> dents.No new holes.The only mods are to the audio
> deck and exhaust fan.Has a
> D104 mike ,operators manual,spare 400
> tube,scamatics.Last used on the
> Collins net last month.I also have the tunner that
> goes with it and a R390A
> that I used with it.If you need more info,call me
> 1-734-2795310 73S
> .DOUG.K8OF
> ----- Original Message -----
> From: Joe Foley <redmenaced@...>
> To: Doug Wherry <hamalot@...>
> Sent: Wednesday, December 05, 2001 6:51 PM
> Subject: Re: [T-368_BC-610] Re: [BoatAnchors] WTB
> T-368
>
>
> > Sorry to hear about the death of your hobby, Doug,
> >
> > Could you give us some more details about the
> T-368,
> > please? Also, your location, shipping is a bear
> with
> > one of these, as you already know.
> >
> > Thanks,
> >
> > 73
> >
> > Joe
> >
> >
> >
> > --- Doug Wherry <hamalot@...> wrote:
> > > I have a T-368C that is going on the market.I
> have
> > > lost interest in the
> > > hobby.Doug K8OF
> > > ----- Original Message -----
> > > From: Joe Foley <redmenaced@...>
> > > To: <t-368_bc-610@yahoogroups.com>
> > > Sent: Wednesday, October 24, 2001 11:44 AM

> > > Subject: [T-368_BC-610] Re: [BoatAnchors] WTB
> T-368
> > >
> > >
> > > > Contact Paul at his E-mail address! Note this
> is
> > > a VE
> > > > type ham, consider shipping to Western Canada.
> > > >
> > > > Joe
> > > >
> > > >
> > > >
> > > > --- Paul <radioboy@...> wrote:
> > > > > Hi group,
> > > > >
> > > > > I am looking to buy a T-368 transmitter in
> any
> > > > > condition, somewhere in the
> > > > > northwest US or western Canada.
> > > > >
> > > > > Thanks.
> > > > >
> > > > > Paul
> > > > > VE7KHZ
> > > > >
> > > > >
> > > > > ---
> > > > > List Administrator: Duane Fischer W8DBF
> > > > > ** For Assistance: dfischer@... **
> > > > > ---
> > > > > This list is sponsored by Sandhills
> Technical
> > > > > Service, Inc.
> > > > > Complete service on vintage equipment and
> more!
> > > > > Find out about our services at:
> > > > > http://www.qsl.net/n4kvp/
> > > > >
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> > > >
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> > > >
> > > > _____
> > > > Do You Yahoo!?
> > > > Make a great connection at Yahoo! Personals.
> > > > http://personals.yahoo.com
> > > >
> > > > ---------- Yahoo! Groups Sponsor
> > > ----------~-->
> > > > Get your FREE credit report with a FREE

> > > CreditCheck
> > > > Monitoring Service trial
> > > >
> > >
> >
>
http://us.click.yahoo.com/Gi0tnD/bQ8CAA/ySSFAA/CPMolB/TM
> > > >
> > >
> >
>
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> > > > Your use of Yahoo! Groups is subject to
> > > http://docs.yahoo.com/info/terms/
> > > >
> > > >
> > >
> >
> >
> > _____
> > Do You Yahoo!?
> > Send your FREE holiday greetings online!
> > http://greetings.yahoo.com
>

_____
Do You Yahoo!?
Send your FREE holiday greetings online!
http://greetings.yahoo.com

# 1101. t-368 "f" model service manual...

Yahoo group: T-368_BC-610
Date: 2001-12-06 23:32:30 UTC
From: aa9wq
Topic: 1101  Message: 1101

Hello All. Happy holidays to every one. Things are well with my T-3 although I haven't had much time to play lately. I have a friend "N0VMC' that has a "F" model and is looking for a service manual. I would like to find one for him. He is a super great guy to talk to on the air(If any of you have talked to him you know this already.)I would be glad to pay for a photo copy or a whole manual. What ever I can find. Thanks every one.
73's
AA9WQ
Happy T-3ing....

# 1102. Re: Trouble posting e-mail.

Yahoo group: T-368_BC-610
Date: 2001-12-07 00:39:16 UTC
From: kd2nx@att.net
Topic: 1102  Message: 1102

Hi Joe,

Actually, they BOTH work... but to keep it official just
in case AT&T decides to goof around, use
kd2nx@... for sending postings to me. I've
been trying to send posts to T-368_BC-610@yahoogroups.com
but they've been getting bounced back. I'll try it
again and see what happens by sending a CC to it.

Thanks,

Steve

--
E-Mail: kd2nx@...

> For some reason I show you listed with two different
> E-mail addresses, you should be getting two posts of
> everything.
>
> I show: kd2nx@...
>
> and: kd2nx@...
>
> Let me know which is correct and working.
>
> Joe
>
>
>
> --- kd2nx@... wrote:
> > Somehow or another, I'll need your OK again to send
> > mail
> > to the group. I still cannot send postings directly
> > to
> > the site from my e-mail. I'm registered and I've
> > verified joining the group, but that's it.
> >
> > HELP!!!
> >
> > Steve, KD2NX
> >
> > --
> > E-Mail: kd2nx@...
> >
> >

> >
> >
> >
>
>
> _____
> Do You Yahoo!?
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# 1103. T368

Yahoo group: T-368_BC-610
Date: 2001-12-07 00:52:47 UTC
From: k1khpjohn
Topic: 1103  Message: 1103

I own two T368's. My T368C is here in Cape Coral,Fl. I usually check in the OLD MILITARY RADIO NET Sat @0500 3885Khz.Here in Florida we are trying to start an AM net on 3880 Khz Wed. @2000 hrs.Also there is active AM net Sun.@0730 on 3880Khz.Basic audio mods have been made.Planning to modify RF deck later.I sometimes operate on 7290 Khz,14.286Mhz. and 18.150Mhz

My other T368 is an "E" model. It's setup in New Bedford,Ma.at my brother's commercial building.Basic MOD>and RF decks have been done.I use external audio processing. Frequency response is 100Hz to% Khz.

# 1104. Addition to HT-4 Registry

Yahoo group: T-368_BC-610
Date: 2001-12-07 00:53:58 UTC
From: kd2nx@att.net
Topic: 1104  Message: 1104

Hi Everyone!

I may as well add mine to the list as well... Maybe
this'll get the ball rolling!

Steve Davis, KD2NX

HT-4H, S/N 156 (It has an MFP date of August, 1951)

For what it's worth, My matching HT-5G speech amplifier
is S/N 101.

This combination of HT-4H/HT-5G is exactly what my
Hallicrafters manual says it should be. I would have
thought that the suffix-letter would have been a match,
but not so in this case.

Mine not only has the 2 to 18 MC coverage, but is also
has the extended range of 18 to 30 MC with two extra
plug-in tuning units, TU-55 (18 to 24 MC) and
TU-56 (24 to 30 MC) and a single tank coil covering the
range of 18 to 30 MC. Does anyone have any information
on these? The manual makes a very short note of the
extended 10-meter range and using the tuning unit in
Position #1, but that's it. I never knew such a thing
existed until I acquired this monster. Any insight,
whole or in part would be appreciated.

73,

Steve

--
E-Mail: kd2nx@...

# 1105. PCB's in your radio?

Yahoo group: T-368_BC-610
Date: 2001-12-07 23:35:20 UTC
From: Joe Foley
Topic: 1105  Message: 1105

http://www.aim.org/publications/weekly_column/2001/12/06.html

_____
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http://greetings.yahoo.com

# 1106. T-368 Registry 12/9/01

Yahoo group: T-368_BC-610
Date: 2001-12-09 17:49:04 UTC
From: W2ZR@aol.com
Topic: 1106  Message: 1106

W2ZR  w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI  redmenaced@...
Bendix T-368 E #160
contract  3219-PP-59

WF2U  wf2u@...
B&W T-368E #628
contract  15117-PP-62

W8KXR  jtone@...
B&W T-368C  #216
contract  43056-P-55

Bendix T-368C  #209
contract  3219-PP-59

W4WSZ  bobm@...
Stromberg-Carlson T-368D #161

KF2JQ  jprusso@acsu.buffalo.edu
AMF  T-368A #69
contract  25209-PHILA-54

WB3FAU  wb3fau@...
Oneida T-368F  #192
contract  15498-PP-63

KA3OTT  kazott@...
B&W T-368C  #018
contract  43056-P-56

KW1I  Dale.Gagnon@...
AMF T-368A  #62
contract 25209-PHILA-54

W3NP  daveh@...
B&W T-368E  #575
contract 15117-PP-62

KD1YT  tlewis@...
B&W  T-368E  #27
contract  15117-PP-62
overhauled at Pirmasens Army Depot

KX4R  kx4rgc@...
Crosley  T-368C  #560
contract  21316-PH-56

WB6DXR  lesterw@...
B&W  T-368  #18
contract  25633-Phila-53

W2HU  reid.j.hagan@lmco.com
T-368  #138
(awaiting details)

W7QHO  w7qho@...
B&W  T-368  #129
contract  25633-PHILA-53

Crosley  T-368C  #237
contract  28459-PH-55

K2AUS  w.d.gallagher@worldnet.att.net
TRW  T-368F #303
contract  14527(E)

N4FS  n4fs@monmouth.com
TRW  T-368F  #261
contract  14527(E)

WA1QHQ  mark.donaldson@...
B&W T-368  #32
contract  25070-Phila-54

Oneida T-368F  #59
contract  15498-PP-63

AE4IN  ae4in@...
Daystrom T-368C  #46
contract  28597-Phil-55

W5BVB  plmills@...
Oneida  T-368F  #19
contract  15498-PP-63

N4KIA  pradams@bellsouth.net
Crosley  T-368C  #275
contract  28459-PH-55

N2BC  n2bc@stny.rr.com
T-368C

K4BVQ  PHollifield@...
Bendix  T-368E  #118
contract  3219-PP-59
overhauled at Pirmasens Army Depot

KF4TP  olaf@...
TRW  T-368F  #190
contract 14527(E)

KE7KK  ke7kk@...
Stromber-Carlson T-368D  #33
contract #39692-PP-58

W9QM  r_longworth@...
Oneida T-368F  #149
contract 15498-PP-63

K9RJ  jandrjor@...
Stromberg-Carlson  T-368D  #55

WA6IUR  fly n ham@...
TRW  T-368F  #2
contract 14527(E)

W4TDC  WA4TDC@...
Crosley  T-368C #364
contract  28459-PH-55

K9XH  jleer@...
TRW  T-368F  #238
contract  14527(E)
overhauled at Pirmasens Army Depot

WA4KCY  sweetbay@...
TRW  T-368F  #358
contract  14527(E)

Tom Leiper (no call yet)  twleiper@juno.com
Ecco Electronic Components T-368F  #76
contract  DAAB05-67-C0022

K0WRX  PLCullum1823@...
B&W  T-368C  #305
contract  43056-P-56

W1ZD  w1nml@...
TRW  T-368F  #64
contract 14527(E)

K8OF  hamalot@...
T-368C
GDP 2/67

WB2FCN  chejmw@...
T-368A  (nsn)

WB6ACU  WB6ACU@...
B&W T-368C  #285
contract  43056-P-56

overhauled at Pirmasens Army Depot

KD3FA  billn@...
B&W T-368E  #541
contract  11517-PP-62

W3TOY  wa3toj@...
B&W T-368  #13
contract  3472-Phila-52

B&W T-368E  #206
contract 15117-PP-62

W3PWW  (no email)
Crosley T-368C  #211
contract  28459-PH-55

W2HER  bobziolk@...
Bendix T-368E  #152
contract  3219-PP-59

WA0TSY  troy-aero@...
B&W  T-368C  #367
contract  43056-P-56
overhauled at Pirmasens Army Depot

AA9WQ  aa9wqham@...
B&W  T-368  #22
contract  3472-PHILA-53
overhauled

W7XH  billbraden@...
TRW  T-368F  #359
contract 14527(E)

KG2IC  kg2ic@...
T-368F

KC8CU  ramsta@...
B&W  T-368  #82
contract  25633-PH-53
overhauled at Lexington Blue Grass Army Depot

W3RC  dasein@...
ECCO  Electronic Components T-368F  #114
contract  DAAB05-67-C0022

USS New Jersey
TRW  T-368F  #172
contract  14527(E)

K8TV  ken.koyan@...
B&W T-368C  #10

contract  43056-P-56

W9XRT  jmain@execpc.com
Bendix T-368E  #17
contract  3219-PP-59

N5AMA  tsmith@hal-pc.org
Crosley  T-368C  #51
contract  28459-PH-55

W2ILA  tom_mackie@...
ECCO Electronic Components  T-368F  #103
contract  DAAB05-67-C0022

K1KHP k1khp@...
B&W T-368C #123
contract 43056-P-56

B&W T-368E
contract 15117-PP-62

[Non-text portions of this message have been removed]

# 1107. BC-610 Registry

Yahoo group: T-368_BC-610
Date: 2001-12-09 18:52:45 UTC
From: n6wig@netscape.net
Topic: 688  Message: 1107

Here is the latest BC-610 Registry listing. Please email me any corrections or additions.

Thanks and 73's

Mike

BC-610 Registry

First Name: Louis
Last Name: Aligieri
Call: WA1JXR
email: wa1jxr@...
BC-610 Model: BC-610
Order Number:
Manufacturer: Hallicrafters
Serial Number: 503

First Name: Rick
Last Name: Blank
Call: KI5SL
email: rblank@...
BC-610 Model: BC-610I
Order Number: 19624-PHILA-50
Manufacturer: Barker and Williamson, Inc
Serial Number: 79

First Name: Mikhael
Last Name: Brown
Call: N6WIG
email: N6WIG@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Hallicrafters
Serial Number: 1242

First Name: John
Last Name: Burgwyn
Call: W4WAW
email: jburgwynjr@...
BC-610 Model: BC-610F
Order Number: 10970-PH-48-77
Manufacturer: David Bogen Co Inc
Serial Number: 247

First Name: Joel
Last Name: Cumberland
Call: N3EYR

email: joel@...
BC-610 Model: BC-610H
Order Number: 21418-Phila-50-7-C
Manufacturer: Hallicrafters
Serial Number: 497

First Name: Clay
Last Name: DeWitt
Call: N4QNX
email: n4qnx.aol.com
BC-610 Model: BC-610G
Order Number: July 1949
Manufacturer: Hallicrafters
Serial Number: 87

First Name: Jeff
Last Name: Edmonson
Call: W5OMR
email: w5omr@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Hallicrafters
Serial Number:

First Name: Mike
Last Name: Hardie
Call: VE7MMH
email: hardiem@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Hallicrafters
Serial Number: 435

First Name: Dan
Last Name: Harlan
Call: N8ETQ
email: dharlan@...
BC-610 Model: BC-610E
Order Number: 28934-PHILA-45-07
Manufacturer: Hallicrafters
Serial Number: 656

First Name: Ron
Last Name: Kresge
Call: W1ARS
email: brronk777@...
BC-610 Model: BC-610E
Order Number: 28934-PHILA-45-07
Manufacturer: Hallicrafters
Serial Number: 78

First Name: Rev Ronnie
Last Name: Parker
Call: N1UDI
email: n1udi19@...
BC-610 Model: BC-610F
Order Number: 10970-PH-48-77
Manufacturer: David Bogen Co,Inc. New
York,NY
Serial Number: 119

First Name: Gary
Last Name: Pewitt
Call: N9ZSV/AE
email: gpewitt@...
BC-610 Model: BC-610I
Order Number:
Manufacturer:
Serial Number:

First Name: Rolynn
Last Name: Prechtl
Call: K7DFW
email: k7dfw@...
BC-610 Model: BC-610F
Order Number: ' 48
Manufacturer: Bogen
Serial Number: 325

First Name: Rolynn
Last Name: Prechtl
Call: K7DFW
email: k7dfw@...
BC-610 Model: BC-610G
Order Number: ' 49
Manufacturer: Hallicrafters
Serial Number: 141

First Name: Bob
Last Name: Richmond
Call: W8MNQ
email: w8mnq@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Hallicrafters
Serial Number: 325

First Name: Bill
Last Name: Shaw
Call: W2HYN
email: w2hyn@...
BC-610 Model: BC-610E
Order Number:

Manufacturer:
Serial Number:

First Name: Theodore
Last Name: Stoner III
Call: WR4T
email: wr4t@...
BC-610 Model: BC-610E
Order Number: 28934-Phila-45-07
Manufacturer: Hallicrafters
Serial Number: 322

First Name: Jack
Last Name: Taylor
Call: N7OO
email: n7oo@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Halicrafters
Serial Number: 3223

First Name: Herb
Last Name: Ulrich
Call: K2JVM
email: k2jvm@...
BC-610 Model: BC-610E
Order Number: 18372-Phila-44
Manufacturer: Hallicrafters, Chicago, Ill.
Serial Number: 1211

First Name: Jim
Last Name: Walker
Call: WB2FCN
email: chejmw@...
BC-610 Model: BC-610I
Order Number:
Manufacturer:
Serial Number:

First Name: Jim
Last Name: Walker
Call: WB2FCN
email: chejmw@...
BC-610 Model: BC-610E
Order Number:
Manufacturer:
Serial Number:

First Name: Theodore
Last Name: Young
Call: W3PWW
email:

BC-610 Model: BC-610F
Order Number: 10970-PH-48-77
Manufacturer: David Bogen Co
Serial Number: 25

First Name: Ed
Last Name: Zeranski
Call:
email: ezeran@...
BC-610 Model: BC-610I
Order Number: 18723-Phila-49
Manufacturer: Barker I Williamson
Serial Number: 164

--
? ?/// ? ? ?<N6WIG@...>
? ? | ?Collector of Military and Vintage
? ?/|\ ? ? commuications equipment.
? N6WIG ? ? ? ?San Jose
AAR9MX/T

_____
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Get your own FREE, personal Netscape Mail account today at http://webmail.netscape.com/

# 1108. T368

Yahoo group: T-368_BC-610
Date: 2001-12-09 21:26:04 UTC
From: k1khpjohn
Topic: 1103  Message: 1108

I understand most of the T368's were used by the ARMY. I noticed one was on the USS NEW JERSEY. Did other branches of the military use T368's? I talked to my brother today and asked him to get the ser.# of my T368E.

# 1109. RE: [T-368_BC-610] T368

Yahoo group: T-368_BC-610
Date: 2001-12-09 21:58:17 UTC
From: Craig McCartney
Topic: 1103  Message: 1109

We had them in the Air Force. Not in vans, mostly in fixed locations (buildings).

-----Original Message-----
From: k1khpjohn [mailto:k1khp@...]
Sent: Sunday, December 09, 2001 1:26 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] T368

I understand most of the T368's were used by the ARMY. I noticed one was on the USS NEW JERSEY. Did other branches of the military use T368's? I talked to my brother today and asked him to get the ser.# of my T368E.

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# 1110. Hallicrafters tubes

Yahoo group: T-368_BC-610
Date: 2001-12-09 22:32:22 UTC
From: Joe Foley
Topic: 1110  Message: 1110

Contact Gary Brown if you need tubes to finish that
complete restoration of your Hallicrafters BC-610.

--- Gary Brown <gbrown@...> wrote:
>
>
>
> > This is a list of all the tubes I have with the
> "hallicrafters" logo.
> > All tubes were tested on a Hickok, #799 tester.
> > 1-0A2...$2.00
> > 1-5R4...$5.50
> > 1-5V4GA...$5.00
> > 1-5Y3GT...$2.25
> > 1-6AB4...$2.00
> > 1-6AH6...$1.50
> > 1-6AL5...$1.50
> > 1-6AQ5...$2.50
> > 1-6AU6...$2.50
> > 3-6BA6's...$2.25/each
> > 1-6BJ7...$1.25
> > 1-6BN8...$4.25
> > 2-6BY6's...$2.00/each
> > 1-6CB6...$1.75
> > 4-6DC6's...$3.50/each
> > 5-6EA8's...$2.50/each
> > 1-6H6...$1.00
> > 1-6K7GT...$2.25
> > 1-6SA7...$1.00
> > 6-6SK7's...$2.00/each1-12AT7...$4.00
> > 1-12AX7/ECC83...$9.00
> > 1-12BA6...$2.00
> > 1-12BE6...$2.25
> > 2-12BH7's...$7.50/each
> > 2-12BY7's...$4.75/each
> > 1-12SA7...$2.25
> > 1-12SQ7...$2.75
> > 1-35Z5...$2.50
> > 1-50C5...$1.75
> > 1-50L6...$3.25
> > I will take $110.00, shiped for the whole lot.
> > Thank you,
> > Gary...WZ1M
> >
> >

> >
>
>
> ---
> List Administrator: Duane Fischer W8DBF
> ** For Assistance: dfischer@... **
> ---
> This list is sponsored by Sandhills Technical
> Service, Inc.
> Complete service on vintage equipment and more!
> Find out about our services at:
> http://www.qsl.net/n4kvp/
>

_____
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http://greetings.yahoo.com

# 1111. T-3's & TVI?

Yahoo group: T-368_BC-610
Date: 2001-12-10 17:30:36 UTC
From: kd1ytr390a
Topic: 1111  Message: 1111

Hello to all in the group. Am making slow but sure headway in shack and antenna construction and hope to have that all done in order to have my T-368E on air some time this winter or early spring (assuming no major problems are encountered when taking the T-3 out of mothballs).

I would like to ask group members what experiences and observations you all have had about the T-3's susceptibility to causing TVI problems or other forms of RFI (telephones, stereos, etc.). I know that 400+ watts of AM carrier may quite readily find its way into consumer devices (my former Collins ART-13 was devastatingly effective at taking out certain TV channels). I will be following all recommended/ good practices like using a low pass filter, a pi-network antenna tuner that behaves as a low-pass, and a good ground connection/ system on all equipment. I would like to get my T-3 on the air with a minimum of disruption to family and neighbors. I am fortunate to live in a rural area, and the antenna (home-brew contraption derived from HyGain HyTower Vertical) will be 150+/- feet from my own QTH, and hundreds of feet from the nearest neighbors. No CATV in the neighborhood; some folks have dishes and some have TV yagis.

I would appreciate any observations or suggestions on what others have encountered and any preventative or corrective measures you've used to clear up TVI or RFI when using your T-3s.

Thanks, 73, and Happy Holidays
Trevor, KD1YT

# 1112. RE: [T-368_BC-610] T-3's & TVI?

Yahoo group: T-368_BC-610
Date: 2001-12-10 17:45:48 UTC
From: Tom Mackie
Topic: 1111  Message: 1112

Trevor,

I have never had a TVI complaint. I run my T368F on 160 into an inverted L. My home TV was connected to a (cheap radioshack) yagi and the Inverted L terminated within 10 feet of the TV antenna. No wiggley lines on ANY channels and I am in a modest TV signal area. The TV itself is within 5 feet of the T-368 and it is a 10 year old Hitachi.
I do not use any high pass or low pass filtering; it has not been necessary. I have also spoken with the nearest neighbors and they have no problems except for one using a 49mHz phone. I think with those all bets are off.

I must add that I have gone to great pains to make the inverted L efficient. There are 30+ radials and a few ground rods around the feed point. Coax runs from the matching network to the T3. When I first tried the inverted L with only 2 radials, the telephone started ringing, answering machine answered, garage doors went up and down etc.

After cleaning up the grounding and putting out radials all has been clean.

Hope to hear the T3 on 1945kHz.

73
Tom
W2ILA

-----Original Message-----
From: kd1ytr390a [mailto:tlewis@...]
Sent: Monday, December 10, 2001 12:31 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] T-3's & TVI?

Hello to all in the group. Am making slow but sure headway in shack and antenna construction and hope to have that all done in order to have my T-368E on air some time this winter or early spring (assuming no major problems are encountered when taking the T-3 out of mothballs).

I would like to ask group members what experiences and observations you all have had about the T-3's susceptibility to causing TVI problems or other forms of RFI (telephones, stereos, etc.). I know that 400+ watts of AM carrier may quite readily find its way into consumer devices (my former Collins ART-13 was devastatingly effective at taking out certain TV channels). I will be following all recommended/ good practices like using a low pass filter, a pi-network antenna tuner that behaves as a low-pass, and a good ground connection/ system on all equipment. I would like to get my T-3 on the air with a minimum of disruption to family and neighbors. I am

fortunate to live in a rural area, and the antenna (home-brew contraption derived from HyGain HyTower Vertical) will be 150+/- feet from my own QTH, and hundreds of feet from the nearest neighbors. No CATV in the neighborhood; some folks have dishes and some have TV yagis.

I would appreciate any observations or suggestions on what others have encountered and any preventative or corrective measures you've used to clear up TVI or RFI when using your T-3s.

Thanks, 73, and Happy Holidays
Trevor, KD1YT

Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 1113. T-368 equipment on E-bay!!

Yahoo group: T-368_BC-610
Date: 2001-12-12 03:58:49 UTC
From: Joe Foley
Topic: 1113  Message: 1113

Christmas presents for that teletype fiend on your
list?

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1307752080

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1307773921

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1307794399

_____
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Check out Yahoo! Shopping and Yahoo! Auctions for all of
your unique holiday gifts! Buy at http://shopping.yahoo.com
or bid at http://auctions.yahoo.com

# 1114. Parts, Pieces, and whole sets

Yahoo group: T-368_BC-610
Date: 2001-12-12 04:36:49 UTC
From: Joe Foley
Topic: 1114  Message: 1114

http://www.warbird-parts.com/invent/radio.htm

_____
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Check out Yahoo! Shopping and Yahoo! Auctions for all of
your unique holiday gifts! Buy at http://shopping.yahoo.com
or bid at http://auctions.yahoo.com

# 1115. WTB: T-368

Yahoo group: T-368_BC-610
Date: 2001-12-13 03:31:49 UTC
From: redmenaced
Topic: 1115  Message: 1115

This is from the AM Window BBS.

Dave, W1DEC, wants to buy a T-368.

His E-mail address is: vpsdcain@...

Posted as follows:

Posted by Dave, W1DEC on December 12, 2001 at 14:52:56:

Want to Buy functioning T-368, please state model (A-F)Mods if any,
condition, location, Price

# 1116. BC610 xtal wanted 1700kc +

Yahoo group: T-368_BC-610
Date: 2001-12-13 22:51:02 UTC
From: Tom Mackie
Topic: 1116  Message: 1116

Hi All,

Does anyone have a BC610 crystal (FT171 holder with big bananna plugs) for 1785 kc?

I need it for a doubler circuit to get on 80M cw. Anything between 1700 and 1785 would do the trick but nothing higher.

TNX
73

Tom W2ILA

# 1117. Re: Demil Defeated!

Yahoo group: T-368_BC-610
Date: 2001-12-14 23:26:24 UTC
From: Tom Nicholson
Topic: 1117  Message: 1117

Gun_Owners_of_America@... wrote:

> Sen. Smith Announces Victory on Gun "Demil" Provision
> -- Gun owners gave Smith & Co. the upper hand in negotiations
>
> Gun Owners of America E-Mail/FAX Alert
> 8001 Forbes Place, Suite 102, Springfield, VA 22151
> Phone: 703-321-8585 / FAX: 703-321-8408
> http://www.gunowners.org
>
> (Friday, December 14, 2001) -- Senator Bob Smith (R-NH) today
> declared victory in his efforts to delete the anti-gun
> "demilitarization" provisions from the Defense Department
> authorization bill.
>
> Those provisions, contained in section 1062 of the Senate version
> (S. 1438), would have allowed the government to seize all military
> firearms in private hands for the purpose of demilitarizing them.
>
> "This is a great victory for gun owners, veterans, and those who
> care about the Constitution," said Smith.
>
> Larry Pratt, Executive Director of Gun Owners of America, concurred:
> "The thousands upon thousands of dedicated grassroots activists
> provided the ammunition needed to kill the provision."
>
> Pratt also thanked Senator Smith for his tireless efforts, as well
> as other legislators who worked hard to see this provision removed
> -- Reps. Bob Stump (R-AZ), John Hostettler (R-IN) and others.
>
> The "demil" provision was originally contained in both the House and
> Senate versions of the DoD bill, but was struck from the House bill
> early in the legislative process as a result of opposition from
> pro-gun forces.
>
> GOA activists continued to lobby long and hard against the
> provision, asking the conference committee members to strike the
> "demil" language from the bill.
>
> Sen. Carl Levin (D-MI) made several attempts to keep the provision
> by offering compromise after compromise, but the loud outcry from
> grassroots activists strengthened the bargaining position of pro-gun
> legislators.

# 1118. Re: [R-390] Re: Demil Defeated!

Yahoo group: T-368_BC-610
Date: 2001-12-15 01:02:17 UTC
From: Gregory W. Moore
Topic: 1118  Message: 1118

This is a victory for all of us who collect both radios and firearms and various other bits of mil equipment. There is, however a caveat here....we can't relax one bit.
This particular bill will be re-introduced each year (It is the Defense Appropriations Bill)..so Each year we must go after each of our Senators and Reps to keep this stuff from creeping in unnoticed.
What is particularly scary is that this same language was in last year's bill, and was also killed off by observant and quick reactions of those who would not only protect the constitution, but our own personal collections. This year, it was overshadowed by the overwhelming tragedy of 9/11, and if not for everyone's vigilance, may have squeaked through.
Regardless of how bad the times are, or how much of an enemy faces us, we must be looking inward at the same time to prevent any usurpation of rights by those who have managed to be elected to public office simply to carry out their own agenda, and not that of the people who elected them.
Well Done ! Everyone...onward to next year's battle of the bills ;-)
73 de Greg WA3IVX

Tom Nicholson wrote:

> Gun_Owners_of_America@... wrote:
>
> > Sen. Smith Announces Victory on Gun "Demil" Provision
> > -- Gun owners gave Smith & Co. the upper hand in negotiations
> >
> > Gun Owners of America E-Mail/FAX Alert
> > 8001 Forbes Place, Suite 102, Springfield, VA 22151
> > Phone: 703-321-8585 / FAX: 703-321-8408
> > http://www.gunowners.org
> >
> > (Friday, December 14, 2001) -- Senator Bob Smith (R-NH) today
> > declared victory in his efforts to delete the anti-gun
> > "demilitarization" provisions from the Defense Department
> > authorization bill.
> >
> > Those provisions, contained in section 1062 of the Senate version
> > (S. 1438), would have allowed the government to seize all military
> > firearms in private hands for the purpose of demilitarizing them.
> >
> > "This is a great victory for gun owners, veterans, and those who
> > care about the Constitution," said Smith.

# 1119. John Mohn/W5MEU

Yahoo group: T-368_BC-610
Date: 2001-12-17 00:25:13 UTC
From: Jeff/W5OMR
Topic: 1119  Message: 1119

With a heavy heart I announce the passing of John Mohn, W5MEU, CWO, Retired, US Air Force on 11 December 2001. The following information is forwarded for those who would like to attend services or send flowers. Arrangements were delayed so that John Mohn Jr, who is with Army Special Forces could make arrangements to attend.
LIS: 6-8PM Tues. 18 Dec Simplicity Funeral Chapel
211 Brooklyn, San Antonio (tel 210-476-0115)
Services 9:30AM Wed 19 Dec River City Fellowship
21691 Milsa Dr, San Antonio (tel 210-698-8795)
Burial 11:30 Ft Sam Houston National Cemetery

Those wishing to send Flowers should send them to Simplicity.
Questions or Diesctions: Contact me at 210-653-3413.

Bill Ross, WR5DX

Regards,
-Jeff

[Non-text portions of this message have been removed]

# 1120. Re: [T-368_BC-610] T-3's & TVI?

Yahoo group: T-368_BC-610
Date: 2001-12-17 01:34:37 UTC
From: Gene Beckwith
Topic: 1111  Message: 1120

Tom,

Just catching up on some really old e/mail and getting back to the T-3 lists...noted your comments about your inverted L...wonder how long it is for 160 and how you feed it...i.e. matching network?

Have half wave dipole for 160 up and running, but feeding with 600 ohm feeders, so no ham type matcher big enough to handle the T-3 ... Building one, that is in the early proto type stage with hole drilling and bolts and such...but, wondering about your "L" and the matching network...

73, and the T-3 group info is excellent...

Gene

W8KXR

Clinton, Ohio

Tom Mackie wrote:

> Trevor,
>
> I have never had a TVI complaint. I run my T368F on 160 into an inverted L.
> My home TV was connected to a (cheap radioshack) yagi and the Inverted L
> terminated within 10 feet of the TV antenna. No wiggley lines on ANY
> channels and I am in a modest TV signal area. The TV itself is within 5
> feet of the T-368 and it is a 10 year old Hitachi.
> I do not use any high pass or low pass filtering; it has not been necessary.
> I have also spoken with the nearest neighbors and they have no problems
> except for one using a 49mHz phone. I think with those all bets are off.
>
> I must add that I have gone to great pains to make the inverted L efficient.
> There are 30+ radials and a few ground rods around the feed point. Coax
> runs from the matching network to the T3. When I first tried the inverted L
> with only 2 radials, the telephone started ringing, answering machine
> answered, garage doors went up and down etc.
>
> After cleaning up the grounding and putting out radials all has been clean.
>
> Hope to hear the T3 on 1945kHz.
>
> 73
> Tom
> W2ILA
>
> -----Original Message-----

> From: kd1ytr390a [mailto:tlewis@...]
> Sent: Monday, December 10, 2001 12:31 PM
> To: T-368_BC-610@yahoogroups.com
> Subject: [T-368_BC-610] T-3's & TVI?
>
> Hello to all in the group. Am making slow but sure headway in shack
> and antenna construction and hope to have that all done in order to
> have my T-368E on air some time this winter or early spring (assuming
> no major problems are encountered when taking the T-3 out of
> mothballs).
>
> I would like to ask group members what experiences and observations
> you all have had about the T-3's susceptibility to causing TVI
> problems or other forms of RFI (telephones, stereos, etc.). I know
> that 400+ watts of AM carrier may quite readily find its way into
> consumer devices (my former Collins ART-13 was devastatingly
> effective at taking out certain TV channels). I will be following
> all recommended/ good practices like using a low pass filter, a pi-
> network antenna tuner that behaves as a low-pass, and a good ground
> connection/ system on all equipment. I would like to get my T-3 on
> the air with a minimum of disruption to family and neighbors. I am
> fortunate to live in a rural area, and the antenna (home-brew
> contraption derived from HyGain HyTower Vertical) will be 150+/- feet
> from my own QTH, and hundreds of feet from the nearest neighbors. No
> CATV in the neighborhood; some folks have dishes and some have TV
> yagis.
>
> I would appreciate any observations or suggestions on what others
> have encountered and any preventative or corrective measures you've
> used to clear up TVI or RFI when using your T-3s.
>
> Thanks, 73, and Happy Holidays
> Trevor, KD1YT
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 1121. Receiving antenna system

Yahoo group: T-368_BC-610
Date: 2001-12-17 06:46:12 UTC
From: k1khpjohn
Topic: 1121  Message: 1121

Because of the high noise level, operating AM with a conventional antenna has been difficult and unpleasant.I was often forced to operate "the other mode". I finally found the perfect solution. I built a shielded loop using copper pipe,wire,and hardware purchased from Home Depot. It's a tuned loop 10 ft. in circumference. I use it with a JPS ANC4 noise blanker. Sense antenna is an 8 ft. whip.By rotating the antenna for minimum noise and adjusting the noise blanker I can eliminate 99%of the noise.In addition I use a Timewave digital audio processor which can be used for additional noise limiting and hetrodyne reduction. Alse it has a very effective line noise filter.

# 1123. T-368, BC-610, HT-4 Net Night

Yahoo group: T-368_BC-610
Date: 2001-12-24 03:03:19 UTC
From: redmenaced
Topic: 1123  Message: 1123

What night should we have it on???

December 31?

I'm on 3.885 MHz because I'm too lazy to cut wire for any other band.

Joe KG2CI

# 1124. BC-610 Crystal holder

Yahoo group: T-368_BC-610
Date: 2001-12-26 01:23:35 UTC
From: redmenaced
Topic: 1124  Message: 1124

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1682125860

# 1125. can anyone help this guy?

Yahoo group: T-368_BC-610
Date: 2001-12-26 18:22:27 UTC
From: W2ZR@aol.com
Topic: 1125  Message: 1125

f6fed@... To: hallicrafters@... Sent from the Internet (Details) Hello I'm seeking : the bigs crystals FT-171-B of the BC-610, if possible with the box BX-34-B History, History by Model Number, for the BC-610 Pictures of the BC-10 Pictures of the BC-610 in WW2. Thanks you. Have an Happy New Year. Henri-Paul [Non-text portions of this message have been removed]

# 1126. Re: [T-368_BC-610] T-368, BC-610, HT-4 Net Night

Yahoo group: T-368_BC-610
Date: 2001-12-26 22:25:46 UTC
From: Gene Beckwith
Topic: 1123  Message: 1126

Joe,

Can's suggest which day, but there is an active 160 meter net on at 2400Z daily and I have been doing that for severl weeks...but could skip a day, if it falls in that time period...Is 75 meters the band of choice?

73,

Gene

W8KXR

redmenaced wrote:

> What night should we have it on???
>
> December 31?
>
> I'm on 3.885 MHz because I'm too lazy to cut wire for any other band.
>
> Joe KG2CI
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 1127. Re: [T-368_BC-610] T-368, BC-610, HT-4 Net Night

Yahoo group: T-368_BC-610
Date: 2001-12-26 22:27:01 UTC
From: Gene Beckwith
Topic: 1123  Message: 1127

Joe,

OOOPS....Maybe I miss understood....is this only a "one night stand," or is it to be scheduled and weekly...???

73,

Gene/W8KXR

redmenaced wrote:

> What night should we have it on???
>
> December 31?
>
> I'm on 3.885 MHz because I'm too lazy to cut wire for any other band.
>
> Joe KG2CI
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 1128. Possible HT-4 For Sale

Yahoo group: T-368_BC-610
Date: 2001-12-27 23:59:37 UTC
From: redmenaced
Topic: 1128  Message: 1128

Word has it that N7HR has one he wants to sell, no more details available at this time.

More when it comes,

Joe

# 1129. T-368 Exciter part needed

Yahoo group: T-368_BC-610
Date: 2001-12-28 00:19:06 UTC
From: Bill Coleman
Topic: 1129  Message: 1129

Anybody have a parts T-3 exciter? I'm looking for the PTO counter "shutter" - the black stamped metal piece that mounts in front of the counters to mask off the mechanics.

THX & 73, Bill
~~~~~~~~~~~~~~~~
Bill Coleman N2BC
http://home.stny.rr.com/n2bc
~~~~~~~~~~~~~~~~

# 1130. FW: BC-939B Tuner

Yahoo group: T-368_BC-610
Date: 2001-12-28 01:47:13 UTC
From: Koyan, Ken
Topic: 1130  Message: 1130

Hi, Everyone - Happy Holidays - I have aquired the black painted
Hallicrafters version of the BC-939B tuner. Its tag indicates
a contract date of 1951. Does anyone need it? I will just turn it into
parts, as it really does not do much for normal Amateur antennas. It is in
good shape, only mod I see is the addition of a SO-239 on the input inplace
of the feedthroughs. Make me
an offer if you want it. I can email you a picture. Email me at
koyan@... <mailto:koyan@...> . Thanks 73 Ken K8TV
(Ohio)

# 1131. T-368 / BC-610 Net.

Yahoo group: T-368_BC-610
Date: 2001-12-28 04:47:53 UTC
From: k1khpjohn
Topic: 1131  Message: 1131

I too would like to see this net in operation.I think once a week would be good. 75M is my band of choice.

# 1132. subscribe

Yahoo group: T-368_BC-610
Date: 2001-12-28 14:14:16 UTC
From: Mike Hardie
Topic: 1132  Message: 1132

[Body unavailable in the source archive]

# 1133. Have an Happy New Year

Yahoo group: T-368_BC-610
Date: 2001-12-28 22:09:17 UTC
From: f6fed
Topic: 1133  Message: 1133

Hello

I am a new member of the group.

I'm seeking for my BC-610-E the box BX-34-B with crystals FT-171-B or the crystals without this box, or with an other box ...

I'm seeking also a knob for selecting one tuner unit.

73.

Henri-Paul F6FED

QTH : Oleron Island between La Rochelle and Bordeaux

# 1134. T-368/BC-610/HT-4 Net Tonight

Yahoo group: T-368_BC-610
Date: 2001-12-31 18:17:51 UTC
From: redmenaced
Topic: 1134  Message: 1134

I didn't get much response to this so I won't call a net.

BUT, I will be on tonight and we can see what kind of damage we can do.

So, if you don't have anything better to do warm up the radios!

Joe

# 1135. For the T-3 registry:

Yahoo group: T-368_BC-610
Date: 2002-01-01 07:31:00 UTC
From: redmenaced
Topic: 1135  Message: 1135

Had a great QSO with WA9ZTY in Wisconsin, he was running 30 watts from an Elmac AF67. YES, even with all the noise on the band last night I heard him very well in Western NYS!! That was an accomplishment on his part.

Well, it seems Rob, WA9ZTY was an Air Force Radio Technician and has some small knowledge of T-368's AND BC-610's. He worked on them for years! Even has one of his own.

Now here is the interesting part:

Its a Crosley T-368C With a military modified Speech Amp labeled AFRS. It also has a Modulation Transformer labeled 20 to 20KHz.

But no mention of RF deck mods.

Gonna have to get more information from him on this one.

Unfortunately he says he's long ago gotten rid of his stash of tech orders and other pertinent paperwork and has no recollection of the differences between the "F" and "E" models.

So, Steve, could you enter this one into the T-3 registry and make note of its military modifications, please?

Too noisey for a real net last night.

Happy New Year everyone,

Joe

# 1136. T-368 Registry 1/1/02

Yahoo group: T-368_BC-610
Date: 2002-01-01 22:35:44 UTC
From: W2ZR@aol.com
Topic: 1136  Message: 1136

W2ZR w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI redmenaced@...
Bendix T-368 E #160
contract 3219-PP-59

WF2U wf2u@...
B&W T-368E #628
contract 15117-PP-62

W8KXR jtone@...
B&W T-368C #216
contract 43056-P-55

Bendix T-368C #209
contract 3219-PP-59

W4WSZ bobm@...
Stromberg-Carlson T-368D #161

KF2JQ jprusso@...
AMF T-368A #69
contract 25209-PHILA-54

WB3FAU wb3fau@...
Oneida T-368F #192
contract 15498-PP-63

KA3OTT kazott@...
B&W T-368C #018
contract 43056-P-56

KW1I Dale.Gagnon@...
AMF T-368A #62
contract 25209-PHILA-54

W3NP daveh@...
B&W T-368E #575
contract 15117-PP-62

KD1YT tlewis@...
B&W T-368E #27
contract 15117-PP-62
overhauled at Pirmasens Army Depot

KX4R kx4rgc@...
Crosley T-368C #560
contract 21316-PH-56

WB6DXR lesterw@...
B&W T-368 #18
contract 25633-Phila-53

W2HU reid.j.hagan@...
T-368 #138
(awaiting details)

W7QHO w7qho@...
B&W T-368 #129
contract 25633-PHILA-53

Crosley T-368C #237
contract 28459-PH-55

K2AUS w.d.gallagher@...
TRW T-368F #303
contract 14527(E)

N4FS n4fs@...
TRW T-368F #261
contract 14527(E)

WA1QHQ mark.donaldson@...
B&W T-368 #32
contract 25070-Phila-54

Oneida T-368F #59
contract 15498-PP-63

AE4IN ae4in@...
Daystrom T-368C #46
contract 28597-Phil-55

W5BVB plmills@...
Oneida T-368F #19
contract 15498-PP-63

N4KIA pradams@...
Crosley T-368C #275
contract 28459-PH-55

N2BC n2bc@...
T-368C

K4BVQ PHollifield@...
Bendix T-368E #118
contract 3219-PP-59
overhauled at Pirmasens Army Depot

KF4TP olaf@...
TRW T-368F #190
contract 14527(E)

KE7KK ke7kk@...
Stromber-Carlson T-368D #33
contract #39692-PP-58

W9QM r_longworth@...
Oneida T-368F #149
contract 15498-PP-63

K9RJ jandrjor@...
Stromberg-Carlson T-368D #55

WA6IUR fly n ham@...
TRW T-368F #2
contract 14527(E)

W4TDC WA4TDC@...
Crosley T-368C #364
contract 28459-PH-55

K9XH jleer@...
TRW T-368F #238
contract 14527(E)
overhauled at Pirmasens Army Depot

WA4KCY sweetbay@...
TRW T-368F #358
contract 14527(E)

Tom Leiper (no call yet) twleiper@...
Ecco Electronic Components T-368F #76
contract DAAB05-67-C0022

K0WRX PLCullum1823@...
B&W T-368C #305
contract 43056-P-56

W1ZD w1nml@...
TRW T-368F #64
contract 14527(E)

K8OF hamalot@...
T-368C
GDP 2/67

WB2FCN chejmw@...
T-368A (nsn)

WB6ACU WB6ACU@...
B&W T-368C #285
contract 43056-P-56

overhauled at Pirmasens Army Depot

KD3FA billn@...
B&W T-368E #541
contract 11517-PP-62

W3TOY wa3toj@...
B&W T-368 #13
contract 3472-Phila-52

B&W T-368E #206
contract 15117-PP-62

W3PWW (no email)
Crosley T-368C #211
contract 28459-PH-55

W2HER bobziolk@...
Bendix T-368E #152
contract 3219-PP-59

WA0TSY troy-aero@...
B&W T-368C #367
contract 43056-P-56
overhauled at Pirmasens Army Depot

AA9WQ aa9wqham@...
B&W T-368 #22
contract 3472-PHILA-53
overhauled

W7XH billbraden@...
TRW T-368F #359
contract 14527(E)

KG2IC kg2ic@...
T-368F

KC8CU ramsta@...
B&W T-368 #82
contract 25633-PH-53
overhauled at Lexington Blue Grass Army Depot

W3RC dasein@...
ECCO Electronic Components T-368F #114
contract DAAB05-67-C0022

USS New Jersey
TRW T-368F #172
contract 14527(E)

K8TV ken.koyan@...
B&W T-368C #10

contract 43056-P-56

W9XRT jmain@...
Bendix T-368E #17
contract 3219-PP-59

N5AMA tsmith@...
Crosley T-368C #51
contract 28459-PH-55

W2ILA tom_mackie@...
ECCO Electronic Components T-368F #103
contract DAAB05-67-C0022

K1KHP k1khp@...
B&W T-368C #123
contract 43056-P-56

B&W T-368E
contract 15117-PP-62

WA9ZTY no email
Crosley T-368C
contract 28459-PH-55
AFRS military mod

# 1137. registry

Yahoo group: T-368_BC-610
Date: 2002-01-01 22:38:15 UTC
From: W2ZR@aol.com
Topic: 1137  Message: 1137

Hi,
Anyone who owns a T-368 and has not listed it in the registry is
hereby encouraged to do so.

73 and HNY,
Steve W2ZR

[Non-text portions of this message have been removed]

# 1138. antenna tuner

Yahoo group: T-368_BC-610
Date: 2002-01-02 02:22:44 UTC
From: k1khpjohn
Topic: 1138  Message: 1138

HAPPY NEW YEAR to all. I am looking for a BC939 Tuner complete and in good condition, Black finish.

# 1139. Re: [T-368_BC-610] For the T-3 registry:

Yahoo group: T-368_BC-610
Date: 2002-01-02 19:28:34 UTC
From: Gene Beckwith
Topic: 1135  Message: 1139

Hi Joe,

Just a short one to wish you and all a great new year to come...gotta keep this short and get off line while my wife is out and about with the car...but, goin' to try an work on the 160/80 turner this afternoon and evening...will post details if I have any luck with it...strange to search for details in the lit, and find it so scattered when it comes to real homebrew for such an old subject...

Best to All,

Gene

W8KXR

redmenaced wrote:

> Had a great QSO with WA9ZTY in Wisconsin, he was running 30 watts
> from an Elmac AF67. YES, even with all the noise on the band last
> night I heard him very well in Western NYS!! That was an
> accomplishment on his part.
>
> Well, it seems Rob, WA9ZTY was an Air Force Radio Technician and has
> some small knowledge of T-368's AND BC-610's. He worked on them for
> years! Even has one of his own.
>
> Now here is the interesting part:
>
> Its a Crosley T-368C With a military modified Speech Amp labeled
> AFRS. It also has a Modulation Transformer labeled 20 to 20KHz.
>
> But no mention of RF deck mods.
>
> Gonna have to get more information from him on this one.
>
> Unfortunately he says he's long ago gotten rid of his stash of tech
> orders and other pertinent paperwork and has no recollection of the
> differences between the "F" and "E" models.
>
> So, Steve, could you enter this one into the T-3 registry and make
> note of its military modifications, please?
>
> Too noisey for a real net last night.
>
> Happy New Year everyone,
>

> Joe
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 1140. T-368 speech amps

Yahoo group: T-368_BC-610
Date: 2002-01-02 21:37:51 UTC
From: Tom Mackie
Topic: 1140  Message: 1140

Hi All,

I now have a spare stripped speech amp chassis for my T3 (I still run the stock one). I have looked over most of the mods having to do with removing the filters, clipper etc but for the most part that interstage transformer has to go...

I'm looking for other ideas and schematics for what else you have successfully built up. A push-pull setup with a more beefy transformer would allow smoother swing of those 4-125's.
Have any of you built anything up? I hear some guys have used pp 6BQ5's but I have not seen a schematic.

A lot have have suggested using an external hifi amp with a bassakwards transformer driving the grids but I want to keep everything inside the rig for plug and play use.

Thanks

Tom
W2ILA

# 1141. Re: [T-368_BC-610] T-368 speech amps

Yahoo group: T-368_BC-610
Date: 2002-01-03 00:14:51 UTC
From: Mike Feher
Topic: 1140  Message: 1141

Tom & Group -

I used an old RCA commercial circuit, from the 30's that was made popular by another ham for use with a lot of modern modulators. Right now I cannot remember the call of the ham that made it popular nor the one that steered me to it. In either case it uses a pair of 2E26s, but I am sure a variety of tubes will work. It does require the use of an input transformer with dual secondaries for the feedback circuit. The output is RC coupled to the grids of the 4-125s and the feedback comes from the plates of the 4-125s back to the secondaries of the input transformer. I have always had excellent reports with it. The way I implemented it physically, was to strip my original speech amp, and then cut off the top of the chassis. I then used a bare piece of aluminum to build the circuitry on, to the extent that I even used the original speech amp connector. When done, I aluminum soldered the plate to the top of the topless speech amp. chassis. I used a large piece of Teflon, mounted vertically, on the 4-125 side of the speech amp. chassis, to mount the RC voltage divider for the feedback network. When done the assembly simply goes where the original was with no problem, using the original connector. I still have the schematic of it somewhere. If you would like to build it I would be happy to send you the schematic. Also, if interested I could take digital photos of the my speech amp. I used this speech amp., within my T-368, for the past 12 years. 73 & HNY - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell NJ, 07731
(732) 901-9193

# 1142. antenna tuner

Yahoo group: T-368_BC-610
Date: 2002-01-03 04:00:53 UTC
From: k1khpjohn
Topic: 1138  Message: 1142

Anyone have a TMC TAC-1 antenna tuner for sale?

# 1143. BC 939 antenna tuner

Yahoo group: T-368_BC-610
Date: 2002-01-05 15:53:22 UTC
From: k1khpjohn
Topic: 1143  Message: 1143

I have located and closed a deal on a BC-939 antenna tuner TNX. JOHN

# 1144. greeting

Yahoo group: T-368_BC-610
Date: 2002-01-05 16:03:23 UTC
From: k1khpjohn
Topic: 1144  Message: 1144

Hope you all had a good holiday season and wish you all a good 2002. I would like to invite everyone to check into the OLD MILITARY RADIO NET Sat.@0500 on or about 3885 Khz. Hope to hear all these BC-610 and T-368's on the air this year. JOHN

# 1145. West Coast Military Radio Collectors Groups Website

Yahoo group: T-368_BC-610
Date: 2002-01-07 15:22:01 UTC
From: n6wig@netscape.net
Topic: 1145  Message: 1145

The West Coast Military Radio Collectors Group website is off line for a few weeks. The web host company shut down on January 4. Didn't receive any notice until the 4th. I am in the process or getting a new host for the website and hope to have it up by January 21 at the latest.

73's

Mike
--
? ?/// ? ? ?<N6WIG@...>
? ? | ?Collector of Military and Vintage
? ?/|\ ? ? commuications equipment.
? N6WIG ? ? ? ?San Jose
AAR9MX/T

_____
Your favorite stores, helpful shopping tools and great gift ideas. Experience the convenience of buying online with Shop@Netscape! http://shopnow.netscape.com/

Get your own FREE, personal Netscape Mail account today at http://webmail.netscape.com/

# 1146. Need T3 Parts

Yahoo group: T-368_BC-610
Date: 2002-01-11 05:38:56 UTC
From: aidehua@aol.com
Topic: 1146  Message: 1146

Hello Gang!

I have a newly acquired T3 and need some knobs, which are damaged. I specifically need the following:

SERVICE SELECTOR KNOB
EXCITATION METER KNOB
MODULATOR BIAS KNOB
(2) CARBON GAIN KNOBS (One for a friend)

Would really appreciate your help or the name of a source that may have these.

73,
Ed NI6S

# 1147. Re: [T-368_BC-610] Need T3 Parts

Yahoo group: T-368_BC-610
Date: 2002-01-11 05:54:49 UTC
From: Joe Foley
Topic: 1146  Message: 1147

Page 926 of the Allied catalog shows a selection from
the EHC Company that matches the original T-368 knobs.
Their webpage has more and has the ones that fit the
measurements you need.

CAUTION!!!

Do NOT look up the going price of the crank knobs!!

http://www.ehcknobs.com/selector.html

Hit the "military" selection, you'll need Adobe
acrobat reader. I can't remember where the pricing
sheet is but its there somewhere.

Happy Hunting,

Joe

--- aidehua@... wrote:
> Hello Gang!
>
> I have a newly acquired T3 and need some knobs,
> which are damaged. I
> specifically need the following:
>
> SERVICE SELECTOR KNOB
> EXCITATION METER KNOB
> MODULATOR BIAS KNOB
> (2) CARBON GAIN KNOBS (One for a friend)
>
> Would really appreciate your help or the name of a
> source that may have
> these.
>
> 73,
> Ed NI6S
>
>

---------------------------------------------------
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http://promo.yahoo.com/videomail/

# 1148. BC-610/614 FS

Yahoo group: T-368_BC-610
Date: 2002-01-12 03:02:37 UTC
From: redmenaced
Topic: 1148  Message: 1148

No, not mine, I don't even have one!

Contact Norm as listed below.

I have a bc610h SN 836. There is also a BC614e sn2667
Both look in fair to good shape as far as the cabinet and components look. They have not been fired up since 1968. At that time is used it for CW while I was in Germany. I looked around the basement, and there seems to be very little mosture, so I was surprised I didn't see any rust.

I'm looking for a buyer, or an idea of the value.
The equipment is in Middle Tennessee.

Thanks in advance for any assistance.
Daytime phone 800-554-5686 ask for Norm.

# 1149. West Coast Military Radio Collectors Group

Yahoo group: T-368_BC-610
Date: 2002-01-12 17:41:34 UTC
From: mikhael@brown.org
Topic: 1149  Message: 1149

Web Site has new host and is back on line. If your DNS server can't find it it may take a day or so for new server information to propagate through the internet. The URL is new and simpler now so please update your bookmarks.

http://www.syzen.com/milradio

73's

Mike

# 1150. Steve, W2ZR, please e-mail me

Yahoo group: T-368_BC-610
Date: 2002-01-12 20:25:39 UTC
From: plmills@attglobal.net
Topic: 1150  Message: 1150

Hello Steve,

Please e-mail me. I'll be happy to sell you that mil
CD for $10 which includes first class postage in US.

73, Phil
W5BVB

# 1151. Military manual CD

Yahoo group: T-368_BC-610
Date: 2002-01-14 15:21:11 UTC
From: plmills@attglobal.net
Topic: 1151  Message: 1151

Since I recently had to post to the reflector to reach
Steve, Joe suggested I tell everyone what is on the CD.
See the "index" below. The CD's are $10 each which
includes first class postage in US. I also have a tube
manual CD with Eimac and RCA tube manuals on it as well
as a separate CD with the RCA HB-3 tube handbook on it.
If you have any interest in one of those, please e-mail
me for a description.

Mil CD:

acro-read.exe Adobe Acrobat reader 4.05 installation

AN-GRR-5.pdf TM 11-295, TO 16-30-GRR5-5, Radio Receiving
Set AN/GRR-5, 100+ pages with drawings and
schematics covering the R-174 receiver and
PU-308 power supply.

ARC5-man.pdf AN 16-30ARC5-2, "Handbook Maintenance
Instructions AN/ARC-5 LF MF HF Components".
Approximately 290 pages of pictures,
drawings, schematics, operation, and
maintenance information.

ARR41-501.pdf NAVAIR 16-30ARR41-501, Handbook Operation
Instructions Radio Receiving Set An ARR-41.
13 pages of operating info.

ARR41-502.pdf NAVWEPS 16-30ARR41-502, Handbook Service
Instructions Radio Receiving Set AN ARR-41.
90 plus pages including schematic and
service information.

ARR41-503.pdf NAVAER 16-30ARR41-503, Handbook Overhaul
Instructions Radio Receiving Set AN/ARR-41.
40 plus pages, incomplete.

ARR41-mag.pdf Several magazine articles covering the
modificatin and use of the ARR-41.

ART-13.pdf NAVWEPS 16-30ART13-5, Handbook Maintenance
Instructions Aircraft Radio Equipment AN/ART-13
Oscillator 0-17/ART-13A. The big one, over 350
pages of tuning charts, maintenance
instructions,
drawings, and schematics.

BC-224A.pdf TO 08-10-24, Instruction Book for Radio Receiver
BC-224-A. RCA, 60 plus pages including
schematics.

BC-312-342.pdf TM11-850, Radio Receivers BC-312, BC-342,
BC-314,
and BC-344 (multiple versions of each).
Includes
schematics and troubleshooting information.

BC-348J-N-Q.pdf Handbook of Maintenance Instructions for Radio
Receivers BC-348-J, BC-348-N and BC-348-Q,
79 pages plus schematics and diagrams.

BC-348E-M-P.pdf Instruction Book for Operation and Maintenance
of Radio Receivers BC-348-E, BC-348-M and
BC-348-P, 80 pages including schematics and
diagrams.

BC348-BC224-1.pdf AN 08-10-209, Handbook of Maintenance
Instructions
for Radio Receivers BC-348-E/M/O/P/S and
BC-224-E/G/H/L. 80 plus pages with schematics
and
diagrams.

BC348-BC224-2.pdf TO 12R2-eBC-112, Handbook of Maintenance
Instructions
for Radio Receivers BC-224-F/K and
BC-348-H/K/L/R.
80 plus pages with schematics and diagrams.

BC-375-E.pdf Instruction Book for Operation and Maintenance
of Radio Transmitter BC-375-E and Associated
Equipment, 88 pages including schematics and
diagrams.

BC-610-E-I.pdf TM11-826, TO 31R2-3SCR399-21, Radio Transmitters
BC-610-E,-F, -G, -H, -I and Radio Transmitter
T-213/GRC-26 and Antenna Tuning Units BC-939A
and -B, 150 plus pages including schematics
and changes C-1, C-5, and C-6.

BC-614.pdf TM11-5054, TO 16-40BC614-6, Speech Amplifier
BC-614-E,F,H, and I, 60 plus pages with
schematics
and wiring diagrams.

BC-779-A_B.pdf TM11-866, Radio Receivers BC-779-A, -B,
BC-794-A, -B, BC-1004-B, -C, -D, and
R-129U. Power Supply Units RA-74-B, -C,
RA-84-A, -B, and RA-94-A. Radio Sets
SCR-2454-A, -B, SCR-704, and AN/FRR-4.

94 pages plus schematics, changes C1 and C2,
and April 1952 Supplement.

BC-1031-Pana.pdf TM11-446, Panoramic Adaptors BC-1031-A,
BC-1031-B,
BC-1032-A, and BC-1032-B, 100 plus pages with
schematics

command_sets.pdf "Command Sets" by CQ Magazine - a compendium
of articles on modifying and using command sets.

conv-man-v1.pdf "Surplus Radio Conversion Manual - Volume 1",
120+ pages of conversion information and
schematics.

conv-man-v2.pdf "Surplus Radio Conversion Manual - Volume 2",
125+ pages of conversion information and
schematics.

conv-man-v3.pdf "Surplus Radio Conversion Manual - Volume 3",
80+ pages of conversion information and
schematics.

guide-to-ARC.pdf "A Users Guide to Aircraft Radio Corporation
Receivers" by M.W. Tauson. A thorough listing
of ARC transmitters and receivers, model
numbers,
nomenclature, plugs and pin-outs. Over 45 pages
of great information.

I-177-man.pdf TM 11-2627, Tube Tester I-177. 57 pages of
operation, theory, and tube data plus changes
C-1 and C-3 which update it to cover the
-A and -B models.

index.txt this file.

index-to-surplus.pdf A 53 page index of articles appearing in QST and
CQ on utilizing or modifying military surplus
equipment.

ME-165g.pdf TM11-6625-333-15, Standing Wave Ratio Power
Meter ME-165/G

Mil-Hdbk-213A.pdf Military Handbook, Electron Tubes, Cross Index
and Type Identification.

R274-FRR.pdf TM11-897, Radio Receiver R274/FRR, 104 pages
with
schematics. (SX-73)

SCR-211.pdf TM11-300, TO16-40SCR211-5, Frequency Meter Sets
SCR-211-A, B, C, D, E, F, J, K, L, M, N, O, P,

Q,
R, T, AA, AC, AE, AF, AG, AH, AJ, AK, AL. 161
pages
including schematics and diagrams.

SP600-JX-17.pdf TO 31R2-4-18-1, Handbook Operating Instructions
Radio Receiver Model SP-600-JX-17, 24+ pages,
TO 31R2-4-18-2, Handbook Service Instructions
Radio Receiver Model SP-600-JX-17, 77+ pages,
TO 31R2-4-18-3, Handbook Overhaul Instructions
Radio Receiver Model SP-600-JX-17, 20 pages,
TO- 31R2-4-18-4, Parts Catalog Radio Receive
SP-600-JX-17, 54 pages.

SRR-11-13.pdf Navships 91875(A), Instruction Book for Radio
Receiving Sets AN/SRR-11, AN/SRR-12, AN/SRR-13.
The big one, several hundred pages of
information,
diagrams, and schematics. October 1953 manual
with change 1 dated August 1956.

t195-maint.pdf TM11-806, TO 31R2-2GRC19-11, Radio Transmitter
T-195/GRC-19, field maintenance manual, 190
pages.

t195-schem.pdf Schematics accompanying above TM11-806.

t195-oper.pdf TM11-5820-295-10, Operators Manual Radio Set
AN/GRC-19, 48 pages.

t368-dep-maint.pdf TM11-809-35, TO 31R2-2URT-134, Radio
Transmitters
T368/URT....And Antenna Tuning Unit BC-939B
Field and Depot Maintenance. Has changes C1,
C2,
C3, and C5 and covers through the T368E model.

t368-oper.pdf TM11-809-10, TO 31R2-2URT-121, Radio
Transmitters
T368/URT Operator's Manual. With addenda to
cover T368 through T368E.

t368-org-maint.pdf TM11-809-20, TO 31R2-2URT-124, Organizational
Maintenance Radio Transmitters T368 through
T368C, with changes C1 and C4

TM-11-310-schem.pdf TM11-310, Schematic Diagrams for Maintenance of
Ground Radio Communication Sets. 1943 manual
with
over 200 pages of service data and schematics
for
radios BC-148 to BC-1000, power units BC-92-B to

PE-117C, radio sets SCR-177-B to SCR-828.

TMC-GPT-750.pdf NAVSHIPS 0967-214-5010, Technical Manual for Radio
Transmitter Models GPT-750F-2, GPT-750G-2, and
GPT-750H-2. Also includes the SBE-8/9/10
exciter.

TV-2-suppl.pdf TV-2 supplemental tube test data.

TV-2-man.pdf TM11-6625, 66 pages covering operation
and maintenance of the TV-2 tube tester.

TV-7-man.pdf TM11-5083, Electron Tube Test Set TV-7/U,
86 pages covering operatin and maintenance
of the TV-7 tube tester.

urm-25d.pdf Navships 92134A, Instruction Book for RF Signal
Generator Set AN/URM-25D

# 1152. T-368 REPLACEMENT KNOBS AVAILABLE!

Yahoo group: T-368_BC-610
Date: 2002-01-14 22:12:23 UTC
From: aidehua@aol.com
Topic: 1152  Message: 1152

Just placed an order for some T3 knobs from Newark Electronics. They have a good stock on most. Here's the data on the ones I ordered:

Electronic Hardware Corporation (EHC)
Style: MS91528 (Matte Black)

(1/4" shaft)

--4F2B (PA BAND SWITCH)
--3F2B (SERVICE SELECTOR SWITCH)
--1F2B (CARBON MIC KNOB)

These are direct replacements for the ones that came off the T3. Even the part numbers are the same, though mine were originally made by Raytheon. Let me know if I can be of help!

73,
Ed NI6S

PS: How do I "register" my new T3?? I'd like to be included in this elite group!

# 1153. Re: [T-368_BC-610] T-368 REPLACEMENT KNOBS AVAILABLE!

Yahoo group: T-368_BC-610
Date: 2002-01-15 00:15:37 UTC
From: Joe Foley
Topic: 1152  Message: 1153

--- aidehua@... wrote:
> Just placed an order for some T3 knobs from Newark
> Electronics. They have a
> good stock on most. Here's the data on the ones I
> ordered:
>
> Electronic Hardware Corporation (EHC)
> Style: MS91528 (Matte Black)
>
> (1/4" shaft)
>
> --4F2B (PA BAND SWITCH)
> --3F2B (SERVICE SELECTOR SWITCH)
> --1F2B (CARBON MIC KNOB)
>
> These are direct replacements for the ones that came
> off the T3. Even the
> part numbers are the same, though mine were
> originally made by Raytheon. Let
> me know if I can be of help!
>
> 73,
> Ed NI6S
>
> PS: How do I "register" my new T3?? I'd like to be
> included in this elite
> group!
+++++++
Hi Ed,

Well done on finding a source of the correct knobs,
how were the prices? Did they have the crank knobs
available?

In order to be placed into the registry all you have
to do is post the information on the front tag of the
T-3 and Steve will add it to the registry.

Manufacturer:

Model:

Serial number:

Your name and call sign:

Joe

---
Do You Yahoo!?
Send FREE video emails in Yahoo! Mail!
http://promo.yahoo.com/videomail/

# 1154. T-368 Registry 1/14/02

Yahoo group: T-368_BC-610
Date: 2002-01-15 01:04:04 UTC
From: W2ZR@aol.com
Topic: 1154  Message: 1154

W2ZR w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI redmenaced@...
Bendix T-368 E #160
contract 3219-PP-59

WF2U wf2u@...
B&W T-368E #628
contract 15117-PP-62

W8KXR jtone@...
B&W T-368C #216
contract 43056-P-55

Bendix T-368C #209
contract 3219-PP-59

W4WSZ bobm@...
Stromberg-Carlson T-368D #161

KF2JQ jprusso@...
AMF T-368A #69
contract 25209-PHILA-54

WB3FAU wb3fau@...
Oneida T-368F #192
contract 15498-PP-63

KA3OTT kazott@...
B&W T-368C #018
contract 43056-P-56

KW1I Dale.Gagnon@...
AMF T-368A #62
contract 25209-PHILA-54

W3NP daveh@...
B&W T-368E #575
contract 15117-PP-62
overhauled at Pirmasens Army Depot

KD1YT tlewis@...
B&W T-368E #27
contract 15117-PP-62
overhauled at Pirmasens Army Depot

KX4R kx4rgc@...
Crosley T-368C #560
contract 21316-PH-56

WB6DXR lesterw@...
B&W T-368 #18
contract 25633-Phila-53

W2HU reid.j.hagan@...
T-368 #138
(awaiting details)

W7QHO w7qho@...
B&W T-368 #129
contract 25633-PHILA-53

Crosley T-368C #237
contract 28459-PH-55

K2AUS w.d.gallagher@...
TRW T-368F #303
contract 14527(E)

N4FS n4fs@...
TRW T-368F #261
contract 14527(E)

WA1QHQ mark.donaldson@...
B&W T-368 #32
contract 25070-Phila-54

Oneida T-368F #59
contract 15498-PP-63

AE4IN ae4in@...
Daystrom T-368C #46
contract 28597-Phil-55

W5BVB plmills@...
Oneida T-368F #19
contract 15498-PP-63

N4KIA pradams@...
Crosley T-368C #275
contract 28459-PH-55

N2BC n2bc@...
T-368C

K4BVQ PHollifield@...
Bendix T-368E #118
contract 3219-PP-59
overhauled at Pirmasens Army Depot

KF4TP olaf@...
TRW T-368F #190
contract 14527(E)

KE7KK ke7kk@...
Stromber-Carlson T-368D #33
contract #39692-PP-58

W9QM r_longworth@...
Oneida T-368F #149
contract 15498-PP-63

K9RJ jandrjor@...
Stromberg-Carlson T-368D #55

WA6IUR fly n ham@...
TRW T-368F #2
contract 14527(E)

W4TDC WA4TDC@...
Crosley T-368C #364
contract 28459-PH-55

K9XH jleer@...
TRW T-368F #238
contract 14527(E)
overhauled at Pirmasens Army Depot

WA4KCY sweetbay@...
TRW T-368F #358
contract 14527(E)

Tom Leiper (no call yet) twleiper@...
Ecco Electronic Components T-368F #76
contract DAAB05-67-C0022

K0WRX PLCullum1823@...
B&W T-368C #305
contract 43056-P-56

W1ZD w1nml@...
TRW T-368F #64
contract 14527(E)

K8OF hamalot@...
T-368C
GDP 2/67

WB2FCN chejmw@...
T-368A (nsn)

WB6ACU WB6ACU@...
B&W T-368C #285
contract 43056-P-56

overhauled at Pirmasens Army Depot

KD3FA billn@...
B&W T-368E #541
contract 11517-PP-62

W3TOY wa3toj@...
B&W T-368 #13
contract 3472-Phila-52

B&W T-368E #206
contract 15117-PP-62

W3PWW (no email)
Crosley T-368C #211
contract 28459-PH-55

W2HER bobziolk@...
Bendix T-368E #152
contract 3219-PP-59

WA0TSY troy-aero@...
B&W T-368C #367
contract 43056-P-56
overhauled at Pirmasens Army Depot

AA9WQ aa9wqham@...
B&W T-368 #22
contract 3472-PHILA-53
overhauled

W7XH billbraden@...
TRW T-368F #359
contract 14527(E)

KG2IC kg2ic@...
T-368F

KC8CU ramsta@...
B&W T-368 #82
contract 25633-PH-53
overhauled at Lexington Blue Grass Army Depot

W3RC dasein@...
ECCO Electronic Components T-368F #114
contract DAAB05-67-C0022

USS New Jersey
TRW T-368F #172
contract 14527(E)

K8TV ken.koyan@...
B&W T-368C #10

contract 43056-P-56

W9XRT jmain@...
Bendix T-368E #17
contract 3219-PP-59

N5AMA tsmith@...
Crosley T-368C #51
contract 28459-PH-55

W2ILA tom_mackie@...
ECCO Electronic Components T-368F #103
contract DAAB05-67-C0022

K1KHP k1khp@...
B&W T-368C #123
contract 43056-P-56

B&W T-368E #536
contract 15117-PP-62

WA9ZTY no email
Crosley T-368C
contract 28459-PH-55
AFRS military mod

NI6S aidehua@...
TRW T-368F #260
contract 14527(E)

# 1155. Thanks, Joe!

Yahoo group: T-368_BC-610
Date: 2002-01-16 09:02:52 UTC
From: kd2nx@att.net
Topic: 1155  Message: 1155

Joe, Thanks for getting me straightened out... again.

73,

Steve, KD2NX

--
E-Mail: kd2nx@...

# 1156. HV Plate Meter mod help

Yahoo group: T-368_BC-610
Date: 2002-01-17 04:12:30 UTC
From: kd2nx@att.net
Topic: 1156  Message: 1156

Does anyone have any idea on how to do the same
modification on the BC-610 as on the T-368 to isolate
the PA Plate Current meter from the HV running through
it and use cathode-current reading instead? I see that
the '610 uses something similar for the Modulator
Current by installing a meter in the BC-614, through an
interconnect cable, to the center-tap on the modulator
filament transformer. There is also a 200 ohm resistor
to ground from the center-tap as well in case the
Modulator Current meter opens. Can I use the same scheme
with the PA Plate Current meter, or do any of you have
other thoughts?

Thanks,

Steve, KD2NX

--
E-Mail: kd2nx@...

# 1157. Re: [T-368_BC-610] HV Plate Meter mod help

Yahoo group: T-368_BC-610
Date: 2002-01-17 06:39:04 UTC
From: James M. Walker
Topic: 1156  Message: 1157

Yes,
DON'T change it. I have 3 BC-610 transmitters operating and on the air and a
T-368 all original and un-modified. The HV meter is and has been just fine in
all
the BC-610 rigs and is A-ok in the T-368. The meter is recessed from the
front
panel for safety and the plate current meter is still the best way to monitor
operation when tuning up. On the air I watch the meter for movement in the
negative direction
as an indication I might be driving the rig to hard in AM mode. I also check
Mod
current so I know generally where the Mod current meter is in the distorted
audio
realm. I decided that the safety precautions were adequate for "NORMAL" use
of the rigs. The only time I hear bad things about these rigs is when they
have been
modified to increase Modulation percentage beyond normal, or the RF deck is
modified to make it become something it wasn't designed for. If it works I
don't
"fix" it.
73
Jim
WB2FCN
BC-610(E), BC-610(I) X 2, T-368(A)

kd2nx@... wrote:

> Does anyone have any idea on how to do the same
> modification on the BC-610 as on the T-368 to isolate
> the PA Plate Current meter from the HV running through
> it and use cathode-current reading instead? I see that
> the '610 uses something similar for the Modulator
> Current by installing a meter in the BC-614, through an
> interconnect cable, to the center-tap on the modulator
> filament transformer. There is also a 200 ohm resistor
> to ground from the center-tap as well in case the
> Modulator Current meter opens. Can I use the same scheme
> with the PA Plate Current meter, or do any of you have
> other thoughts?
>
> Thanks,
>
> Steve, KD2NX
>
> --

> E-Mail: kd2nx@...
>
>
>
>
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 1158. Re: [T-368_BC-610] HV Plate Meter mod help

Yahoo group: T-368_BC-610
Date: 2002-01-17 16:03:21 UTC
From: James M. Walker
Topic: 1156  Message: 1158

Sorry for the double post,
BUT also be very careful with the BC-614 I have read
about people making mods to them and connecting the meter circuit to measure
cathode current. There are various flavors of the BC-614 and some DO NOT
measure the cathode current they measure the audio out
of the bc-614 ala "VU meter" operation. There is even a variety that has
control circuitry to key the transmitter from the front panel of the BC-614.
Beware the interconnect is vastly different and if wired wrong it will
definitely "LET THE SMOKE" out of a lot of had to get components.
Jim
WB2FCN
http://eshop1.chem.buffalo.edu

----- Original Message -----
From: <kd2nx@...>
To: "T-368/BC-610 Reflector" <T-368_BC-610@yahoogroups.com>
Sent: Wednesday, January 16, 2002 11:12 PM
Subject: [T-368_BC-610] HV Plate Meter mod help

> Does anyone have any idea on how to do the same
> modification on the BC-610 as on the T-368 to isolate
> the PA Plate Current meter from the HV running through
> it and use cathode-current reading instead? I see that
> the '610 uses something similar for the Modulator
> Current by installing a meter in the BC-614, through an
> interconnect cable, to the center-tap on the modulator
> filament transformer. There is also a 200 ohm resistor
> to ground from the center-tap as well in case the
> Modulator Current meter opens. Can I use the same scheme
> with the PA Plate Current meter, or do any of you have
> other thoughts?
>
> Thanks,
>
> Steve, KD2NX
>
> --
> E-Mail: kd2nx@...
>
>
>
>
>
>
>

>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 1159. Re: HV Plate Meter mod

Yahoo group: T-368_BC-610
Date: 2002-01-18 04:43:53 UTC
From: kd2nx@att.net
Topic: 1159  Message: 1159

James and Rolynn, thanks for helping me leave well enough alone! The only reason I was curious about this mod was because my HT-4H needs to be brought back to life after 30 years of being dormant, and this would be a good time to make any changes, if they were worthwhile.

Thanks Again!

Steve, KD2NX

--
E-Mail: kd2nx@...

# 1160. Re: BC-610/HT-4 mods

Yahoo group: T-368_BC-610
Date: 2002-01-19 14:17:47 UTC
From: kd2nx@att.net
Topic: 1160  Message: 1160

Hello James,

According to my manual, my HT-4H is an equivalent to a BC-610G, which is the postwar version of the '610. My HT-4H has a date of August, 1952 on it. By the way, I have a couple of 160m coils that are in pretty rough shape, the lucite strips are crumbling away. George Morton, N7HR told me that a modification to the 2-2.5 MC tuning unit is to put a fixed 100pf capacitor across each of the variable caps to bring it down to 160. I have a couple of those, so I'll give it a try eventually. I just wished that I had more time to get moving with this monster! At one point, I had even considered selling it, as I hate to see it sitting dormant the way it is.

You'll have to fill me in on your "non-evasive" procedure to move the BC-610 between 160m and 80-20m. I have a regular BC-610 manual here as well that I use for reference purposes.

Steve, KD2NX
Middletown, New Jersey

--
E-Mail: kd2nx@...

> Hey Steve,
> My BC-610(E) is very close to the HT-4H in general characteristics! I have
> it running on 160 M and 80/40/20, there is
> a military modification in the BC-610 manual to do "THAT" modification, and
> also a separate tuning unit and plate coil
> for 160. I'm at work so I don't have the numbers, however there are TU-xx
> and C-xxxx numbers for those items. The
> change I made is non invasive and I switch the unit back to "normal" for
> 80/40/20 with ease. I run two BC-610(I) models
> in my basement shack, both "STOCK" although the Mrs. has sold one to another
> Amateur radio friend, and we will drop,
> it off on our next trip through his state. I generally work AM 7290/95 and
> 14286 with them unless I'm on CW.
>
> Speaking of CW I have found that even with a stiff AC line to the BC-610 115
> @ 30A I can't run high power in High
> speed CW mode as the line suffers transients and gives a decided chirp even
> with crystals. So my solution is to load the
> unit to 175 watts output in tune mode and the operate CW seems to work fine

> and NO chirp. I might also mention
> that I hear others complain they can't get full power output from their
> units, yet when queried about the filament voltmeter
> they say they have the filament adjust pot turned all the way up to get a 5
> volt reading. This is an indication that the AC
> input is sagging and they need a stiffer line.
>
> If you hear me on give a shout, there are lots of "BC-610" users on now!
>
> 73
> Jim
> WB2FCN
> "Battle-Ship Anchor"
>
> ----- Original Message -----
> From: <kd2nx@...>
> To: "T-368/BC-610 Reflector" <T-368_BC-610@yahoogroups.com>
> Sent: Thursday, January 17, 2002 11:43 PM
> Subject: [T-368_BC-610] Re: HV Plate Meter mod
>
>
> > James and Rolynn, thanks for helping me leave well
> > enough alone! The only reason I was curious about this
> > mod was because my HT-4H needs to be brought back to
> > life after 30 years of being dormant, and this would be
> > a good time to make any changes, if they were
> > worthwhile.
> >
> > Thanks Again!
> >
> > Steve, KD2NX
> >
> > --
> > E-Mail: kd2nx@...
> >
> >
> >
> >
> >
> >
> >
> >
> > Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
> >
> >
> >
>

# 1161. OLD MILITARY RADIO NET

Yahoo group: T-368_BC-610
Date: 2002-01-20 16:25:40 UTC
From: k1khpjohn
Topic: 1161  Message: 1161

Come on fellows, set that alarm clock for Sat. 0500 eastern and warm up those strapping T3's and BC-610's. Band conditions have been great. Yesterday W7QHO {DENNIS} checked in from Cal. with his T-368. His signal was Q5. I usually can copy most stations here in SW Florida. Net Control Station is W3PWW, Hanover,PA. This is a great net for anyone interested in military radios and some of us {like myself}are military vehicle owners also. See you soon, JOHN

# 1162. T-368 Registry 1/20/02

Yahoo group: T-368_BC-610
Date: 2002-01-20 17:34:55 UTC
From: W2ZR@aol.com
Topic: 1162  Message: 1162

W2ZR w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI redmenaced@...
Bendix T-368 E #160
contract 3219-PP-59

WF2U wf2u@...
B&W T-368E #628
contract 15117-PP-62

W8KXR jtone@...
B&W T-368C #216
contract 43056-P-55

Bendix T-368C #209
contract 3219-PP-59

W4WSZ bobm@...
Stromberg-Carlson T-368D #161

KF2JQ jprusso@...
AMF T-368A #69
contract 25209-PHILA-54

WB3FAU wb3fau@...
Oneida T-368F #192
contract 15498-PP-63

KA3OTT kazott@...
B&W T-368C #018
contract 43056-P-56

KW1I Dale.Gagnon@...
AMF T-368A #62
contract 25209-PHILA-54

W3NP daveh@...
B&W T-368E #575
contract 15117-PP-62
overhauled at Pirmasens Army Depot

KD1YT tlewis@...
B&W T-368E #27
contract 15117-PP-62
overhauled at Pirmasens Army Depot

KX4R kx4r@...
Crosley T-368C #560
contract 21316-PH-56

WB6DXR lesterw@...
B&W T-368 #18
contract 25633-Phila-53

W2HU reid.j.hagan@...
T-368 #138
(awaiting details)

W7QHO w7qho@...
B&W T-368 #129
contract 25633-PHILA-53

Crosley T-368C #237
contract 28459-PH-55

K2AUS w.d.gallagher@...
TRW T-368F #303
contract 14527(E)

N4FS n4fs@...
TRW T-368F #261
contract 14527(E)

WA1QHQ mark.donaldson@...
B&W T-368 #32
contract 25070-Phila-54

Oneida T-368F #59
contract 15498-PP-63

AE4IN ae4in@...
Daystrom T-368C #46
contract 28597-Phil-55

W5BVB plmills@...
Oneida T-368F #19
contract 15498-PP-63

N4KIA pradams@...
Crosley T-368C #275
contract 28459-PH-55

N2BC n2bc@...
T-368C

K4BVQ PHollifield@...
Bendix T-368E #118
contract 3219-PP-59
overhauled at Pirmasens Army Depot

KF4TP olaf@...
TRW T-368F #190
contract 14527(E)

KE7KK ke7kk@...
Stromber-Carlson T-368D #33
contract #39692-PP-58

W9QM r_longworth@...
Oneida T-368F #149
contract 15498-PP-63

K9RJ jandrjor@...
Stromberg-Carlson T-368D #55

WA6IUR fly n ham@...
TRW T-368F #2
contract 14527(E)

W4TDC WA4TDC@...
Crosley T-368C #364
contract 28459-PH-55

K9XH jleer@...
TRW T-368F #238
contract 14527(E)
overhauled at Pirmasens Army Depot

WA4KCY sweetbay@...
TRW T-368F #358
contract 14527(E)

Tom Leiper (no call yet) twleiper@...
Ecco Electronic Components T-368F #76
contract DAAB05-67-C0022

K0WRX PLCullum1823@...
B&W T-368C #305
contract 43056-P-56

W1ZD w1nml@...
TRW T-368F #64
contract 14527(E)

K8OF hamalot@...
T-368C
GDP 2/67

WB2FCN chejmw@...
T-368A (nsn)

WB6ACU WB6ACU@...
B&W T-368C #285
contract 43056-P-56

overhauled at Pirmasens Army Depot

KD3FA billn@...
B&W T-368E #541
contract 11517-PP-62

W3TOY wa3toj@...
B&W T-368 #13
contract 3472-Phila-52

B&W T-368E #206
contract 15117-PP-62

W3PWW (no email)
Crosley T-368C #211
contract 28459-PH-55

W2HER bobziolk@...
Bendix T-368E #152
contract 3219-PP-59

WA0TSY troy-aero@...
B&W T-368C #367
contract 43056-P-56
overhauled at Pirmasens Army Depot

AA9WQ aa9wqham@...
B&W T-368 #22
contract 3472-PHILA-53
overhauled

W7XH billbraden@...
TRW T-368F #359
contract 14527(E)

KG2IC kg2ic@...
T-368F

KC8CU ramsta@...
B&W T-368 #82
contract 25633-PH-53
overhauled at Lexington Blue Grass Army Depot

W3RC dasein@...
ECCO Electronic Components T-368F #114
contract DAAB05-67-C0022

USS New Jersey
TRW T-368F #172
contract 14527(E)

K8TV ken.koyan@...
B&W T-368C #10

contract 43056-P-56

W9XRT jmain@...
Bendix T-368E #17
contract 3219-PP-59

N5AMA tsmith@...
Crosley T-368C #51
contract 28459-PH-55

W2ILA tom_mackie@...
ECCO Electronic Components T-368F #103
contract DAAB05-67-C0022

K1KHP k1khp@...
B&W T-368C #123
contract 43056-P-56

B&W T-368E #536
contract 15117-PP-62

WA9ZTY no email
Crosley T-368C
contract 28459-PH-55
AFRS military mod

NI6S aidehua@...
TRW T-368F #260
contract 14527(E)

W0ZR telutz@...
Bendix T-368E #224
contract 3219-PP-59

# 1163. WTB:T-368/BC610

Yahoo group: T-368_BC-610
Date: 2002-01-27 02:28:38 UTC
From: skipperclan58368
Topic: 1163  Message: 1163

Hello all. I am looking to buy a T-368 or BC-610 for pick up in the ND, SD, MN area. I would prefer a unit in good working condx with few mods. Cosmetics not too important.

Thanks, Ron Skipper W8ACR

# 1164. copper couplings on capaciors

Yahoo group: T-368_BC-610
Date: 2002-01-29 02:36:33 UTC
From: Tom Mackie
Topic: 1164  Message: 1164

Hi All T368 fans.

The copper bellows couplings linking my cranks to the vacume variables are split and will soon fail. Do any of you have a source for new ones? Is there a better solution? I replaced them many years ago but they have failed again and only see limited use.

Thanks

Tom
W2ILA

# 1165. Re: [T-368_BC-610] copper couplings on capaciors

Yahoo group: T-368_BC-610
Date: 2002-01-29 04:05:47 UTC
From: Joe Foley
Topic: 1164  Message: 1165

Tom,

I did a search on Yahoo for "bellows coupling" as
that's evidently the trade name for them. I got back
more manufacturers and dealers than I can wade
through.

Any chance you'd have the dimensions and a
manufacturer's name or P/N?

Joe

--- Tom Mackie <tom_mackie@...> wrote:
> Hi All T368 fans.
>
> The copper bellows couplings linking my cranks to
> the vacume variables are
> split and will soon fail. Do any of you have a
> source for new ones? Is
> there a better solution? I replaced them many years
> ago but they have
> failed again and only see limited use.
>
> Thanks
>
> Tom
> W2ILA
>

_____
Do You Yahoo!?
Great stuff seeking new owners in Yahoo! Auctions!
http://auctions.yahoo.com

# 1166. Re: BC-610 Parts List...

Yahoo group: T-368_BC-610
Date: 2002-01-30 03:52:41 UTC
From: Joe Foley
Topic: 1166  Message: 1166

I know nothing about any of this but here it is:

--- "Robert L. Richmond" <w8mnq@...> wrote:
> Joe...
>
> Here are some BC-610 "goodies" for someone...
> Contact
> Mike-n8clz direct...
>
> thanks...
>
> bob
> w8mnq the 2nd
> ================================
>
> "seagull@..." wrote:
>
>
> Here is a list of the stuff that I do have. You can
> forward this list
> to your friends on the East Coast.
>
> 1. 2 - 250 TH's. They have been hot plated, but
> still have good
> output
>
> 2. Many OD3's and OD3W tubes
>
> 3. 1 weak 2A3 - tested on my TV7, checks a 32,
> should be 38 minimum.
>
> 4. 5 - 250 TH's various brands. These have blown
> filaments, but
> would make a good conversation piece.
>
> 5. Buffer oscillator - 5.0 - 6.5 mhz
>
> 6. Buffer oscillator - 3.2 - 4.0 mhz
>
> 7. Various coils:
> 2 each - (2.0-3.5) (5.7-8.0) (4.5-5.7)
> (8.0-11.0) and
> (11.0-14.0)...
>
> 1 each - (14.0-18.0) (3.5-4.5)

>
> All these coils are new old stock. But they need
> tender loving care.
> The plastic is sort of dried up and the swinging
> links are pretty
> frozen. Most coils are still in sealed bags.
> Please contact me for any
> further information on condition, prices, etc.
>
> Thanks again,
>
> Regards,
>
> Mike Affeldt "Seagul@..."
> N8CLZ
> 21475 Boyette Drive
> Macomb, MI 48044
>
> (810) 469-3140

---
Do You Yahoo!?
Great stuff seeking new owners in Yahoo! Auctions!
http://auctions.yahoo.com

# 1167. SCR-299

Yahoo group: T-368_BC-610
Date: 2002-02-05 21:45:06 UTC
From: f6fed
Topic: 1167  Message: 1167

Hello

There is the TM 11-281 for SCR 399-A and SCR 499-4. The SCR 299 is not on the same Manuel.

What is the difference between SCR 299 and the two others ?

Thanks.

Henri-Paul F6FED

# 1168. Re: [T-368_BC-610] SCR-299

Yahoo group: T-368_BC-610
Date: 2002-02-06 00:42:05 UTC
From: dharlan
Topic: 1167  Message: 1168

Hello,

The SCR-299 used BC-610-b,c,d with all the equipment mounted
on a table designed to fit in a chevy panel delivery truck. K-51 ?
Also all the audio control and field phone switching was incorporated
in the old style speech amps and table MC-269. The SCR-299 was equipped
and intended for operation up to 8 mcy. There was also a little piece
of junk antenna tuner that went with the 610.

With the procurement of the BC-610-E and later models, the SCR-299
now became the SCR-399 where all the audio switching in the speech amp
and
that stupid table went into the JB-70. The RX's were mounted into
chests
CH-120 and CH-121 and the whole mess was installed in a Shelter. The
BC-610
got a new B&W tuner and was equipped for operation to 18 mcy. The
shelter was placed on the back of 6X6 2 1/2 ton truck (maybe that was
the
K51), the SCR-499 was basically an SCR-399 without the Truck. All models
used the PE-95 generator that was tailored behind the truck.

The manuals that you refer to are wonderful sources of info
that show how the equipment was used in a radio SYSTEM rather than
the stand alone units most of use them as.

Hope this helps

Dan N8ETQ CLE

f6fed wrote:
>
> Hello
>
> There is the TM 11-281 for SCR 399-A and SCR 499-4. The SCR 299 is not on
> the same Manuel.
>
> What is the difference between SCR 299 and the two others ?
>
> Thanks.
>
> Henri-Paul F6FED
>
>
>
>

> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 1169. SCR-299/499

Yahoo group: T-368_BC-610
Date: 2002-02-06 14:15:19 UTC
From: dharlan
Topic: 1169  Message: 1169

Hey Guys,

I just put my web page back up. Has pix of both the SCR-299
operators table and the SCR-399/499 main chest CH-120 as well as
my own 610-E.

www.ameritech.net/users/dharlan/dans.htm

Dan N8ETQ CLE

# 1170. MRCG Update

Yahoo group: T-368_BC-610
Date: 2002-02-08 04:28:23 UTC
From: N6WIG
Topic: 1170  Message: 1170

The West Coast Military Radio Collectors Meeting
announcement is now posted on our webpage. This years
meeting will be Friday and Saturday, May 3rd and 4th at
Fort MacArthur.

Got to http://syzen.com/milradio/ and click on the
meeting button.

73's

Mike

? ?/// ? ? ?<mikhael@...>
? ? | ?Collector of Military and Vintage
? ?/|\ ? ? commuications equipment.
? N6WIG ? ? ? ?San Jose
AAR9MX

# 1171. [Fwd: Hallicrafters HT-4 transmiter FS]

Yahoo group: T-368_BC-610
Date: 2002-02-08 05:50:59 UTC
From: James M. Walker
Topic: 1171  Message: 1171

[Non-text portions of this message have been removed]

# 1172. Hallicrafters HT-4 transmiter FS

Yahoo group: T-368_BC-610
Date: 2002-02-08 05:53:42 UTC
From: James M. Walker
Topic: 1172  Message: 1172

Subject:
Hallicrafters HT-4 transmiter FS
Date:
Thu, 7 Feb 2002 15:40:26 -0800
From:
"George Morton" <n7hr@...>
To:
<baswaplist@...>

This is THE original HT-4 - no suffix!!! Have speech amp and antenna
tuner
to match,
but BC610 vintage. Tuning boxes and final coils for all ham bands. Two

sets of tubes,
extra tuning boxes and final coils, some additional tubes. Pick up only!

$3.5K
541 389 2514

# 1173. TEST

Yahoo group: T-368_BC-610
Date: 2002-02-10 16:57:58 UTC
From: kd2nx@att.net
Topic: 26  Message: 1173

Disregard...
--
E-Mail: kd2nx@...

# 1174. T-368 Registry 2/11/02

Yahoo group: T-368_BC-610
Date: 2002-02-11 11:09:07 UTC
From: W2ZR@aol.com
Topic: 1174  Message: 1174

W2ZR w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI redmenaced@...
Bendix T-368 E #160
contract 3219-PP-59

WF2U wf2u@...
B&W T-368E #628
contract 15117-PP-62

W8KXR jtone@...
B&W T-368C #216
contract 43056-P-55

Bendix T-368C #209
contract 3219-PP-59

W4WSZ bobm@...
Stromberg-Carlson T-368D #161

KF2JQ jprusso@...
AMF T-368A #69
contract 25209-PHILA-54

WB3FAU wb3fau@...
Oneida T-368F #192
contract 15498-PP-63

KA3OTT kazott@...
B&W T-368C #018
contract 43056-P-56

KW1I Dale.Gagnon@...
AMF T-368A #62
contract 25209-PHILA-54

W3NP daveh@...
B&W T-368E #575
contract 15117-PP-62
overhauled at Pirmasens Army Depot

KD1YT tlewis@...
B&W T-368E #27
contract 15117-PP-62
overhauled at Pirmasens Army Depot

KX4R kx4r@...
Crosley T-368C #560
contract 21316-PH-56

WB6DXR lesterw@...
B&W T-368 #18
contract 25633-Phila-53

W2HU reid.j.hagan@...
T-368 #138
(awaiting details)

W7QHO w7qho@...
B&W T-368 #129
contract 25633-PHILA-53

Crosley T-368C #237
contract 28459-PH-55

K2AUS w.d.gallagher@...
TRW T-368F #303
contract 14527(E)

N4FS n4fs@...
TRW T-368F #261
contract 14527(E)

WA1QHQ mark.donaldson@...
B&W T-368 #32
contract 25070-Phila-54

Oneida T-368F #59
contract 15498-PP-63

AE4IN ae4in@...
Daystrom T-368C #46
contract 28597-Phil-55

W5BVB plmills@...
Oneida T-368F #19
contract 15498-PP-63

N4KIA pradams@...
Crosley T-368C #275
contract 28459-PH-55

N2BC n2bc@...
T-368C

K4BVQ PHollifield@...
Bendix T-368E #118
contract 3219-PP-59
overhauled at Pirmasens Army Depot

KF4TP olaf@...
TRW T-368F #190
contract 14527(E)

KE7KK ke7kk@...
Stromber-Carlson T-368D #33
contract #39692-PP-58

W9QM r_longworth@...
Oneida T-368F #149
contract 15498-PP-63

K9RJ jandrjor@...
Stromberg-Carlson T-368D #55

WA6IUR fly n ham@...
TRW T-368F #2
contract 14527(E)

W4TDC WA4TDC@...
Crosley T-368C #364
contract 28459-PH-55

K9XH jleer@...
TRW T-368F #238
contract 14527(E)
overhauled at Pirmasens Army Depot

WA4KCY sweetbay@...
TRW T-368F #358
contract 14527(E)

Tom Leiper (no call yet) twleiper@...
Ecco Electronic Components T-368F #76
contract DAAB05-67-C0022

K0WRX PLCullum1823@...
B&W T-368C #305
contract 43056-P-56

W1ZD w1nml@...
TRW T-368F #64
contract 14527(E)

K8OF hamalot@...
T-368C
GDP 2/67

WB2FCN chejmw@...
T-368A (nsn)

WB6ACU WB6ACU@...
B&W T-368C #285
contract 43056-P-56

overhauled at Pirmasens Army Depot

KD3FA billn@...
B&W T-368E #541
contract 11517-PP-62

W3TOY wa3toj@...
B&W T-368 #13
contract 3472-Phila-52

B&W T-368E #206
contract 15117-PP-62

W3PWW (no email)
Crosley T-368C #211
contract 28459-PH-55

W2HER bobziolk@...
Bendix T-368E #152
contract 3219-PP-59

WA0TSY troy-aero@...
B&W T-368C #367
contract 43056-P-56
overhauled at Pirmasens Army Depot

AA9WQ aa9wqham@...
B&W T-368 #22
contract 3472-PHILA-53
overhauled

W7XH billbraden@...
TRW T-368F #359
contract 14527(E)

KG2IC kg2ic@...
T-368F

KC8CU ramsta@...
B&W T-368 #82
contract 25633-PH-53
overhauled at Lexington Blue Grass Army Depot

W3RC dasein@...
ECCO Electronic Components T-368F #114
contract DAAB05-67-C0022

USS New Jersey
TRW T-368F #172
contract 14527(E)

K8TV ken.koyan@...
B&W T-368C #10

contract 43056-P-56

W9XRT jmain@...
Bendix T-368E #17
contract 3219-PP-59

N5AMA tsmith@...
Crosley T-368C #51
contract 28459-PH-55

W2ILA tom_mackie@...
ECCO Electronic Components T-368F #103
contract DAAB05-67-C0022

K1KHP k1khp@...
B&W T-368C #123
contract 43056-P-56

B&W T-368E #536
contract 15117-PP-62

WA9ZTY no email
Crosley T-368C
contract 28459-PH-55
AFRS military mod

NI6S aidehua@...
TRW T-368F #260
contract 14527(E)

W0ZR telutz@...
Bendix T-368E #224
contract 3219-PP-59

WA4VAG prc74b@...
Crosley T-368C # 353
contract 28459-PH-55

[Non-text portions of this message have been removed]

# 1175. OLD MILITARY RADIO NET

Yahoo group: T-368_BC-610
Date: 2002-02-12 01:38:14 UTC
From: k1khpjohn
Topic: 1161  Message: 1175

Last Sat. morning we had a great net. Several stations were operating BC-610 and T-368 transmitters. There's always room for more.

# 1176. Finally, the T 368 is Playing in the Normal mode, with no flashover.

Yahoo group: T-368_BC-610
Date: 2002-02-12 03:56:31 UTC
From: Joe Munson
Topic: 1176  Message: 1176

Group,

I finally got my T 368/C running in the Normal or full power mode. I have been running it in the tune mode for a couple of month, getting on the Olde Tyme Military Radio Net on Saturday Mornings, and the Heathkit DX 60 Net on Sundays. Last Sunday a week ago, after the DX 60 Net, tore into it and fixed the problem, in the area of the Blocking Caps in the Plate Circuit. Used a dremal tool, ground out the burnt grove in the bakelite/Phenolic, and filled it with bright red epxoy like stuff, HV Insulation Material.

Now for some questons to the Group.

I notice while runing it, I used it that day with the back off, that the 4D21 plates glow a dull orange. Is that Normal? Mine is stock, audio, etc, and some say the audio is tinney, no lows, but punches through. I am using a D 104 mic on the 600 ohm line input. Seems to be little difference on the recieve end even when using the Carbon Mic, high pitched, no lows. I chatted around on 80M Sunday, and talked to a few fellows with T 368's and for the most part, they sounded like Broadcast Transmitters. One of the 4D21 tubes has a blue glow to it, but seems to work OK. I am also getting lots of flash around the contacts on the Plate relay when Push to Talk is pushed.
Any idea to maybe cleaning/burnishing them. Looks like they need more than contact cleaner.

I have a Flat Top Zepp type antenna, 250 feet long, center fed with open wire ladder line. I also have a 80M Dipole. I am using the T 368 only on the Dipole so far. If you have any info on Balanced tuner Specs that will handle this beast for the Freq Coverage, 160, 80, 40, 20, etc, so I can use the Zepp, Maybe you could let me know where to find it.

Thanks,

Joe Munson
WA4VAG

# 1177. T-368 Registry 2/12/02

Yahoo group: T-368_BC-610
Date: 2002-02-12 12:37:38 UTC
From: W2ZR@aol.com
Topic: 1177  Message: 1177

W2ZR w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI redmenaced@...
Bendix T-368 E #160
contract 3219-PP-59

WF2U wf2u@...
B&W T-368E #628
contract 15117-PP-62

W8KXR jtone@...
B&W T-368C #216
contract 43056-P-55

Bendix T-368C #209
contract 3219-PP-59

W4WSZ bobm@...
Stromberg-Carlson T-368D #161

KF2JQ jprusso@...
AMF T-368A #69
contract 25209-PHILA-54

WB3FAU wb3fau@...
Oneida T-368F #192
contract 15498-PP-63

KA3OTT kazott@...
B&W T-368C #018
contract 43056-P-56

KW1I Dale.Gagnon@...
AMF T-368A #62
contract 25209-PHILA-54

W3NP daveh@...
B&W T-368E #575
contract 15117-PP-62
overhauled at Pirmasens Army Depot

KD1YT tlewis@...
B&W T-368E #27
contract 15117-PP-62
overhauled at Pirmasens Army Depot

KX4R kx4r@...
Crosley T-368C #560
contract 21316-PH-56

WB6DXR lesterw@...
B&W T-368 #18
contract 25633-Phila-53

W2HU reid.j.hagan@...
T-368 #138
(awaiting details)

W7QHO w7qho@...
B&W T-368 #129
contract 25633-PHILA-53

Crosley T-368C #237
contract 28459-PH-55

K2AUS w.d.gallagher@...
TRW T-368F #303
contract 14527(E)

N4FS n4fs@...
TRW T-368F #261
contract 14527(E)

WA1QHQ mark.donaldson@...
B&W T-368 #32
contract 25070-Phila-54

Oneida T-368F #59
contract 15498-PP-63

AE4IN ae4in@...
Daystrom T-368C #46
contract 28597-Phil-55

W5BVB plmills@...
Oneida T-368F #19
contract 15498-PP-63

N4KIA pradams@...
Crosley T-368C #275
contract 28459-PH-55

N2BC n2bc@...
T-368C

K4BVQ PHollifield@...
Bendix T-368E #118
contract 3219-PP-59
overhauled at Pirmasens Army Depot

KF4TP olaf@...
TRW T-368F #190
contract 14527(E)

KE7KK ke7kk@...
Stromber-Carlson T-368D #33
contract #39692-PP-58

W9QM r_longworth@...
Oneida T-368F #149
contract 15498-PP-63

K9RJ jandrjor@...
Stromberg-Carlson T-368D #55

WA6IUR fly n ham@...
TRW T-368F #2
contract 14527(E)

W4TDC WA4TDC@...
Crosley T-368C #364
contract 28459-PH-55

K9XH jleer@...
TRW T-368F #238
contract 14527(E)
overhauled at Pirmasens Army Depot

WA4KCY sweetbay@...
TRW T-368F #358
contract 14527(E)

Tom Leiper (no call yet) twleiper@...
Ecco Electronic Components T-368F #76
contract DAAB05-67-C0022

K0WRX PLCullum1823@...
B&W T-368C #305
contract 43056-P-56

W1ZD w1nml@...
TRW T-368F #64
contract 14527(E)

K8OF hamalot@...
T-368C
GDP 2/67

WB2FCN chejmw@...
T-368A (nsn)

WB6ACU WB6ACU@...
B&W T-368C #285
contract 43056-P-56

overhauled at Pirmasens Army Depot

KD3FA billn@...
B&W T-368E #541
contract 11517-PP-62

W3TOY wa3toj@...
B&W T-368 #13
contract 3472-Phila-52

B&W T-368E #206
contract 15117-PP-62

W3PWW (no email)
Crosley T-368C #211
contract 28459-PH-55

W2HER bobziolk@...
Bendix T-368E #152
contract 3219-PP-59

WA0TSY troy-aero@...
B&W T-368C #367
contract 43056-P-56
overhauled at Pirmasens Army Depot

AA9WQ aa9wqham@...
B&W T-368 #22
contract 3472-PHILA-53
overhauled

W7XH billbraden@...
TRW T-368F #359
contract 14527(E)

KG2IC kg2ic@...
T-368F

KC8CU ramsta@...
B&W T-368 #82
contract 25633-PH-53
overhauled at Lexington Blue Grass Army Depot

W3RC dasein@...
ECCO Electronic Components T-368F #114
contract DAAB05-67-C0022

USS New Jersey
TRW T-368F #172
contract 14527(E)

K8TV ken.koyan@...
B&W T-368C #10

contract 43056-P-56

W9XRT jmain@...
Bendix T-368E #17
contract 3219-PP-59

N5AMA tsmith@...
Crosley T-368C #51
contract 28459-PH-55

W2ILA tom_mackie@...
ECCO Electronic Components T-368F #103
contract DAAB05-67-C0022

K1KHP k1khp@...
B&W T-368C #123
contract 43056-P-56

B&W T-368E #536
contract 15117-PP-62

WA9ZTY no email
Crosley T-368C
contract 28459-PH-55
AFRS military mod

NI6S aidehua@...
TRW T-368F #260
contract 14527(E)

W0ZR telutz@...
Bendix T-368E #224
contract 3219-PP-59

WA4VAG prc74b@...
Crosley T-368C # 353
contract 28459-PH-55

W4CLM w4clm.ham@...
Oneida T-368F #75
contract 15498-PP-63

# 1178. RE: [T-368_BC-610] Finally, the T 368 is Playing in the Normal mo de, with no flashover.

Yahoo group: T-368_BC-610
Date: 2002-02-12 13:26:34 UTC
From: Tom Mackie
Topic: 1178  Message: 1178

Joe,

Congrats on getting the T-3 running "normal" again. It sounds like you are going through what I had gone through in December and January.

I ended up making a few easy mods that really woke the T3 up.

First, I had a bunch of flashovers so I re-wired the plate current meter to read cathode current. I was worried about blowing the thing up.

Next I removed B+ from the entire tank circuit. I installed a new plate choke (big), 500pf bypass and 500pf 6kv capacitor on the back of the chassis near the 4-400. I reconfigured the tank to be a standard Pi-L. In the process I also removed the big 3900pf cap that was in between the pi and L. This mod went very smoothly once I gathered all the parts together and I would be glad to step you through it if you ever want to do it.
The result is that I no longer have flashovers, I can tune 80meters with a real dip (never did that before) and my audio now allowed highs to pass eliminating that muddy sound.
None of this is new stuff. I just followed ideas that others have written about in the past.

Next I made a few mods to the speech amp. I bypassed the clipper and changed the coupling and bypass caps as well as the negative feedback cap. I took the carbon mike power off the front panel connector and rigged up a connector so I can run a D-104 right in the front. I used an amplified D-104 which has a crappy amp in the base but it was handy. Old buzzard John, K1KHP supplied me with his ideas and his T3 sounds nice. First tests were very dissappointing. All highs and no lows. I dont know if anyone ran across this before but I solved that problem of a high-peak with a high rolloff. Its a simple capacitor and resistor shaping circuit. Now it sounds quite good. I have been getting a bunch of nice reports from the hi-fi guys.

All mods are reversible so the intrinsic military way-cool factor is still there.

My 4D21 glow orange on key-down. No problem.

Hope to hear you on Saturday morning!

73
Tom
W2ILA

-----Original Message-----
From: Joe Munson [mailto:prc74b@...]
Sent: Monday, February 11, 2002 10:57 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] Finally, the T 368 is Playing in the Normal mode, with no flashover.

Group,

I finally got my T 368/C running in the Normal or full power mode. I have been running it in the tune mode for a couple of month, getting on the Olde Tyme Military Radio Net on Saturday Mornings, and the Heathkit DX 60 Net on Sundays. Last Sunday a week ago, after the DX 60 Net, tore into it and fixed the problem, in the area of the Blocking Caps in the Plate Circuit. Used a dremal tool, ground out the burnt grove in the bakelite/Phenolic, and filled it with bright red epxoy like stuff, HV Insulation Material.

Now for some questons to the Group.

I notice while runing it, I used it that day with the back off, that the 4D21 plates glow a dull orange. Is that Normal? Mine is stock, audio, etc, and some say the audio is tinney, no lows, but punches through. I am using a D 104 mic on the 600 ohm line input. Seems to be little difference on the recieve end even when using the Carbon Mic, high pitched, no lows. I chatted around on 80M Sunday, and talked to a few fellows with T 368's and for the most part, they sounded like Broadcast Transmitters. One of the 4D21 tubes has a blue glow to it, but seems to work OK. I am also getting lots of flash around the contacts on the Plate relay when Push to Talk is pushed.
Any idea to maybe cleaning/burnishing them. Looks like they need more than contact cleaner.

I have a Flat Top Zepp type antenna, 250 feet long, center fed with open wire ladder line. I also have a 80M Dipole. I am using the T 368 only on the Dipole so far. If you have any info on Balanced tuner Specs that will handle this beast for the Freq Coverage, 160, 80, 40, 20, etc, so I can use the Zepp, Maybe you could let me know where to find it.

Thanks,

Joe Munson
WA4VAG

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# 1179. Need T3 help/opinions

Yahoo group: T-368_BC-610
Date: 2002-02-13 05:26:37 UTC
From: aidehua@aol.com
Topic: 1179  Message: 1179

I have a TRW T-368-F. Dennis W7QHO and I were trying to load the rig. His T-368C puts out 75-100W in the TUNE mode, with an output of about 400-500w. My "F" puts out about 25w in the TUNE mode. Is this difference to be expected in an "F" vs "C" or have I encountered a problem??

Please help. Trying to get this sucker on the air!

73,
Ed NI6S

# 1180. RE: [T-368_BC-610] Need T3 help/opinions

Yahoo group: T-368_BC-610
Date: 2002-02-13 13:28:57 UTC
From: Tom Mackie
Topic: 1179  Message: 1180

I dont know if there is a difference but...

My "F" at 200ma puts out 400W in NORMAL and 50W in tune (about 75-100ma).

Current values are guesses because my meter is re-wired to reade Cathode current.

Let us know what you think.

Tom
W2ILA

-----Original Message-----
From: aidehua@... [mailto:aidehua@...]
Sent: Wednesday, February 13, 2002 12:27 AM
To: t-368_bc-610@yahoogroups.com
Subject: [T-368_BC-610] Need T3 help/opinions

I have a TRW T-368-F. Dennis W7QHO and I were trying to load the rig. His T-368C puts out 75-100W in the TUNE mode, with an output of about 400-500w.

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Please help. Trying to get this sucker on the air!

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Ed NI6S

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# 1181. N8ETQ de KA4JVY

Yahoo group: T-368_BC-610
Date: 2002-02-15 15:46:36 UTC
From: Mark Foltarz
Topic: 1181  Message: 1181

Dan,

I managed to have lost your email address.
Would you please drop me a line?

TNX
Mark

_____
Do You Yahoo!?
Got something to say? Say it better with Yahoo! Video Mail
http://mail.yahoo.com

# 1182. Re: [T-368_BC-610] Finally, the T 368 is Playing in the Normal mode, with no flashover.

Yahoo group: T-368_BC-610
Date: 2002-02-16 19:55:44 UTC
From: Gene Beckwith
Topic: 1176  Message: 1182

Hi Joe,

Interesting notes on ur T-368...I have not been on yet with mine, although I'm getting closer...part of my delay is to build a balanced wire tuner heavy enough to handle the T-3...

Hope to have it done within the next week or two...but it is a brute with the idea of handling potential high voltages along the bal line...I have no idea of how long my feeder is...don't care...cause will tune the whole system...hence the potential for very high voltages depending on where the current and voltage nodes/peaks are.

I'm presently using a wimpy little MFJ claimed to handle 3kw...(yea) and maybe 1.5 kw on peaks...(last guy I chatted with caught one on fire with his T-3 on 160...I'm on 160 with an Omni six plus on ssb for experimental work on 160...but no high power am yet...darn...so the antenna works fine, but no way to get real power to it 'til the tuner is done...

So the building project..using an old broadcast coil and some big caps...hope to send pix to ER in near future...and have it in test mode within the next week or so...

For a basic ref check Barry Wiseman's ER recent issues...for excellent discussions and how to for bal tuner...I'm also making my own open wire feeders...so easy I'm wondering why everyone doesn't use it....600 ohms usually and going to assemble some more for a 20 meter 8JK soon as wx clears...

My comments aren't too specific but keep going with the bal tuner...it's the only real way to get all the rf in the air...T-3 project here is a long time waiting...and really frustrated with the time available to get it on the air...but antennas are up for 160 and separate for 75, with tower up, and 8JK on the boards...plus the T-3 switching and mute system now completes...whew...so much time and so little to do....8>(....

73,

Gene
W8KXR

"Stay alert and stay alive"

Joe Munson wrote:

> Group,
>
> I finally got my T 368/C running in the Normal or full power mode. I have

> been running it in the tune mode for a couple of month, getting on the Olde
> Tyme Military Radio Net on Saturday Mornings, and the Heathkit DX 60 Net on
> Sundays. Last Sunday a week ago, after the DX 60 Net, tore into it and
> fixed the problem, in the area of the Blocking Caps in the Plate Circuit.
> Used a dremal tool, ground out the burnt grove in the bakelite/Phenolic, and
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> only on the Dipole so far. If you have any info on Balanced tuner Specs
> that will handle this beast for the Freq Coverage, 160, 80, 40, 20, etc, so
> I can use the Zepp, Maybe you could let me know where to find it.
>
> Thanks,
>
> Joe Munson
> WA4VAG
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 1183. Re: [T-368_BC-610] Need T3 help/opinions

Yahoo group: T-368_BC-610
Date: 2002-02-16 23:38:33 UTC
From: w7qho@aol.com
Topic: 1179  Message: 1183

In a message dated 2/12/02 9:27:16 PM, aidehua@... writes:

>I have a TRW T-368-F. Dennis W7QHO and I were trying to load the rig.
>His
>T-368C puts out 75-100W in the TUNE mode, with an output of about 400-500w.
>
>My "F" puts out about 25w in the TUNE mode. Is this difference to be
>expected in an "F" vs "C" or have I encountered a problem??

All,

Dennis D. W7QHO
Glendale, CA

# 1184. Re: [T-368_BC-610] Need T3 help/opinions

Yahoo group: T-368_BC-610
Date: 2002-02-17 01:22:47 UTC
From: w7qho@aol.com
Topic: 1179  Message: 1184

In a message dated 2/12/02 9:27:16 PM, aidehua@... writes:

>I have a TRW T-368-F. Dennis W7QHO and I were trying to load the rig.
>His T-368C puts out 75-100W in the TUNE mode, with an output of about
400-500w.
>My "F" puts out about 25w in the TUNE mode. Is this difference to be
>expected in an "F" vs "C" or have I encountered a problem??

All.

In working with Ed on his recently acquired T-368 we ran into some meter and power readings that didn't jibe with my previous experience on these rigs. Specifically, the maximum output that could be achieved in the "tune" mode was only 25 watts at about 60ma plate current. Increasing the plate loading only DECREASED the output. In the "run" mode the output was only 250 watts at 200ma plate current and loading the PA up to 300 ma only provided approximately 350 watts out. In my experience these rigs typically put 60 - 80 watts out in "tune" and 350 - 400 W out in "run" at 200 ma. Subsequent checking revealed very poor line voltage regulation in Ed's garage where we were doing the work with only 100 VAC measured at the T3's power plug under load!

I ran my T368C at 100 volts in during portable operations a couple of years ago. Worked plenty of people with good reports but had made no measurements so decided to do so now. The results are listed below for the edification of group members.

Test: B&W T368 "Basic" with 4-400 PA of unknown history that came with the rig. ME-165 Power Meter. In all tests the filament voltage was adjusted to correct value. Didn't measure the PA plate voltage.

Line Voltage Power Out Plate current
--------------- ------------ -----------------
122 vac 350 W 200ma (Normal condx
at W7QHO)
115 325 190ma (Loading not changed from
above)
110 290 180ma "
100 225 160ma "

In the "Tune" mode:
----------
122 vac 60 W 90ma (Loading same as above)
115 50 80ma (Loading not changed)
110 35 70ma "
100 25 55ma
"

At the last value, attempts to increase the loading resulted in a decrease in output as observed with Ed's rig.

With PA Loaded to 200ma at all input voltage values:
---
122 vac 350 W out
115 320
110 300
100 250

So, ED"s RF section seems to be behaving normally. We'll go after the modulator next and another T368 should be on the air soon.

Dennis D. W7QHO
Glendale, CA

# 1185. Re: [T-368_BC-610] Need T3 help/opinions

Yahoo group: T-368_BC-610
Date: 2002-02-17 01:46:03 UTC
From: Joe Foley
Topic: 1179  Message: 1185

It might be a god time to look somewhere else first.

Go to the breaker panel and check the voltage there
while the transmitter is under load. If you still
read 100 volts at the breaker check at the main lugs.

Somewhere you should read full voltage, if you dont'
then something is loose and/or needs attention before
you burn the house down!

Many house services never see a full load so this
problem often goes unnoticed until it becomes a BIG
problem.

The problem MIGHT be that there is a connection that
isn't capable of passing enough current to keep the
voltage up to full, whatever that is at his house.

It might be in the meter socket, especially if its
aluminum wiring and has been in service for many years
of hot/cold cycling.

The basic model should be able to run on a 20 amp
circuit but any later models should have 30 amp
circuits.

Joe

--- w7qho@... wrote:
>
> In a message dated 2/12/02 9:27:16 PM,
> aidehua@... writes:
>
> >I have a TRW T-368-F. Dennis W7QHO and I were
> trying to load the rig.
> >His T-368C puts out 75-100W in the TUNE mode, with
> an output of about
> 400-500w.
> >My "F" puts out about 25w in the TUNE mode. Is
> this difference to be
> >expected in an "F" vs "C" or have I encountered a
> problem??
>
> All.
>
> In working with Ed on his recently acquired T-368 we
> ran into some meter and

> power readings that didn't jibe with my previous
> experience on these rigs.
> Specifically, the maximum output that could be
> achieved in the "tune" mode
> was only 25 watts at about 60ma plate current.
> Increasing the plate loading
> only DECREASED the output. In the "run" mode the
> output was only 250 watts
> at 200ma plate current and loading the PA up to 300
> ma only provided
> approximately 350 watts out. In my experience these
> rigs typically put 60 -
> 80 watts out in "tune" and 350 - 400 W out in "run"
> at 200 ma. Subsequent
> checking revealed very poor line voltage regulation
> in Ed's garage where we
> were doing the work with only 100 VAC measured at
> the T3's power plug under
> load!
>
> I ran my T368C at 100 volts in during portable
> operations a couple of years
> ago. Worked plenty of people with good reports but
> had made no measurements
> so decided to do so now. The results are listed
> below for the edification of
> group members.
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> Test: B&W T368 "Basic" with 4-400 PA of unknown
> history that came with the
> rig. ME-165 Power Meter. In all tests the filament
> voltage was adjusted to
> correct value. Didn't measure the PA plate voltage.
>
> Line Voltage Power Out Plate
> current
> --------------- ------------
> -----------------
> 122 vac 350 W 200ma
> (Normal condx
> at W7QHO)
> 115 325 190ma
> (Loading not changed from
> above)
> 110 290 180ma
> "
> 100 225 160ma
> "
>
> In the "Tune" mode:

> ------------------------
> 122 vac 60 W 90ma
> (Loading same as above)
> 115 50 80ma
> (Loading not changed)
> 110 35 70ma
> "
> 100 25
> 55ma
> "
>
> At the last value, attempts to increase the loading
> resulted in a decrease in
> output as observed with Ed's rig.
>
>
> With PA Loaded to 200ma at all input voltage values:
>
---
> 122 vac 350 W out
> 115 320
> 110 300
> 100 250
>
>
> So, ED"s RF section seems to be behaving normally.
> We'll go after the
> modulator next and another T368 should be on the air
> soon.
>
> Dennis D. W7QHO
> Glendale, CA
>

_____
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Yahoo! Sports - Coverage of the 2002 Olympic Games
http://sports.yahoo.com

# 1186. Re: [T-368_BC-610] Need T3 help/opinions

Yahoo group: T-368_BC-610
Date: 2002-02-17 02:07:20 UTC
From: w7qho@aol.com
Topic: 1179  Message: 1186

In a message dated 2/16/02 5:47:08 PM, redmenaced@... writes (in part):

>It might be a god time to look somewhere else first.

Well, of course Ed will have to install a circuit to his shack heavy enough to run the thing. The purpose of the message was to pass along some data on normal T368 response to various input voltages.

Dennis D. W7QHO
Glendale, CA

# 1187. Re: [T-368_BC-610] Need T3 help/opinions

Yahoo group: T-368_BC-610
Date: 2002-02-21 00:07:03 UTC
From: Gene Beckwith
Topic: 1179  Message: 1187

Gents,

Good advice.

Gene
W8KXR

Joe Foley wrote:

> It might be a god time to look somewhere else first.
>
> Go to the breaker panel and check the voltage there
> while the transmitter is under load. If you still
> read 100 volts at the breaker check at the main lugs.
>
> Somewhere you should read full voltage, if you dont'
> then something is loose and/or needs attention before
> you burn the house down!
>
> Many house services never see a full load so this
> problem often goes unnoticed until it becomes a BIG
> problem.
>
> The problem MIGHT be that there is a connection that
> isn't capable of passing enough current to keep the
> voltage up to full, whatever that is at his house.
>
> It might be in the meter socket, especially if its
> aluminum wiring and has been in service for many years
> of hot/cold cycling.
>
> The basic model should be able to run on a 20 amp
> circuit but any later models should have 30 amp
> circuits.
>
> Joe
>
> --- w7qho@... wrote:
> >
> > In a message dated 2/12/02 9:27:16 PM,
> > aidehua@... writes:
> >
> > >I have a TRW T-368-F. Dennis W7QHO and I were
> > trying to load the rig.
> > >His T-368C puts out 75-100W in the TUNE mode, with
> > an output of about

> > 400-500w.
> > >My "F" puts out about 25w in the TUNE mode. Is
> > this difference to be
> > >expected in an "F" vs "C" or have I encountered a
> > problem??
> >
> > All.
> >
> > In working with Ed on his recently acquired T-368 we
> > ran into some meter and
> > power readings that didn't jibe with my previous
> > experience on these rigs.
> > Specifically, the maximum output that could be
> > achieved in the "tune" mode
> > was only 25 watts at about 60ma plate current.
> > Increasing the plate loading
> > only DECREASED the output. In the "run" mode the
> > output was only 250 watts
> > at 200ma plate current and loading the PA up to 300
> > ma only provided
> > approximately 350 watts out. In my experience these
> > rigs typically put 60 -
> > 80 watts out in "tune" and 350 - 400 W out in "run"
> > at 200 ma. Subsequent
> > checking revealed very poor line voltage regulation
> > in Ed's garage where we
> > were doing the work with only 100 VAC measured at
> > the T3's power plug under
> > load!
> >
> > I ran my T368C at 100 volts in during portable
> > operations a couple of years
> > ago. Worked plenty of people with good reports but
> > had made no measurements
> > so decided to do so now. The results are listed
> > below for the edification of
> > group members.
> >
> > Test: B&W T368 "Basic" with 4-400 PA of unknown
> > history that came with the
> > rig. ME-165 Power Meter. In all tests the filament
> > voltage was adjusted to
> > correct value. Didn't measure the PA plate voltage.
> >
> > Line Voltage Power Out Plate
> > current
> > --------------- ------------
> > -----------------
> > 122 vac 350 W 200ma
> > (Normal condx

> > at W7QHO)
> > 115 325 190ma
> > (Loading not changed from
> > above)
> > 110 290 180ma
> > "
> > 100 225 160ma
> > "
> >
> > In the "Tune" mode:
> > ----------
> > 122 vac 60 W 90ma
> > (Loading same as above)
> > 115 50 80ma
> > (Loading not changed)
> > 110 35 70ma
> > "
> > 100 25
> > 55ma
> > "
> >
> > At the last value, attempts to increase the loading
> > resulted in a decrease in
> > output as observed with Ed's rig.
> >
> >
> > With PA Loaded to 200ma at all input voltage values:
> >
> ---
> > 122 vac 350 W out
> > 115 320
> > 110 300
> > 100 250
> >
> >
> > So, ED"s RF section seems to be behaving normally.
> > We'll go after the
> > modulator next and another T368 should be on the air
> > soon.
> >
> > Dennis D. W7QHO
> > Glendale, CA
> >
>
> _____
> Do You Yahoo!?
> Yahoo! Sports - Coverage of the 2002 Olympic Games
> http://sports.yahoo.com
>
>

>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 1188. WARNING

Yahoo group: T-368_BC-610
Date: 2002-02-21 11:49:48 UTC
From: k1khpjohn
Topic: 1188  Message: 1188

WARNING; WE HAVE A SERIOUS THREAT TO OUR HOBBY!!! City and local government is sweeping the country with antenna restrictions. When I built my house I planned my antenna system and installed my tower bases. There were no restrictions. New regulations have destroyed my plans. I know this is becoming a common problem. If this continues we will limit ourselves mobile or compromise antennas. LETS FIGHT THESE BUREAUCRATIC COMMICRATS..

# 1189. CQ CQ CQ???

Yahoo group: T-368_BC-610
Date: 2002-03-10 01:42:31 UTC
From: redmenaced
Topic: 1189  Message: 1189

Maybe soon I'll get my faster computer to work right but until then I'm using this old 66 MHz slug.

Until then look at what/who I found on the AM Window BBS:

http://www.dahl.com/archives/photos/LA2002/pages/Joe in the living room.htm

Umm,..... no, that's not me!

Joe

# 1190. Broadcast & Military Night (for those who missed it elsewhere)

Yahoo group: T-368_BC-610
Date: 2002-03-17 19:30:12 UTC
From: W2ZR@aol.com
Topic: 1190  Message: 1190

This Wednesday March 20th the CCA will be sponsoring a broadcast and
military equipment AM night on 3880kcs.

We will be looking for: ART-13, 20v's, 300J's, Gates, Rca's, BC610's etc.
If you don't have a broadcast or military transmitter join us anyway!

REMEMBER you DO NOT have to be running Collins gear to check in.
Everything is welcome!

Each ncs will start at 08:00pm in their time zone.

We will have 4 main ncs. One on the East coast, Midwest, Mountain area,
and West coast. The main ncs will have others in their area helping with
their hour. (Please note ONE HOUR). At the end of their hour the main ncs
for that region will contact the next regions ncs and turn ncs over to them
etc.
etc. etc.

Starting at 8:00pm EST (01:00 UTC) East Coast ncs will start the net
At 02:00 UTC East coast ncs will turn ncs to Midwest ncs
At 03:00 UTC Midwest ncs will turn ncs to Mountain ncs
At 04:00 UTC Mountain ncs will turn ncs to West coast ncs

comments please to wa9vrh@...

Visit our website at www.collinsradio.org for more information on AM
activities.

Have fun and enjoy the great sounding AM signals. 73's Larry WA9VRH

Sponsored by the Collins Collectors Association http://www.collinsradio.org
Nets: Tues: 3.805 Mc-2000 Central / Thur: 3.875 Mc-2000 Central
Fri: 3.895 Mc-2000 Pacific / Sun: 14.263 Mc-2000 UTC
1st Wed (of the month) AM Net 3.880 Mc-2000 local (ET, CT, MT, PT)
Sun AM Net: 29.050 Mc-1200 Central

# 1191. TEST MSG

Yahoo group: T-368_BC-610
Date: 2002-03-19 03:51:37 UTC
From: kd2nx@att.net
Topic: 1191  Message: 1191

TEST MESSAGE--disregard

--
E-Mail: kd2nx@...

# 1192. T-368 on E-bay!!

Yahoo group: T-368_BC-610
Date: 2002-03-20 02:17:47 UTC
From: redmenaced
Topic: 1192  Message: 1192

Item #1339916133

Kinda sad looking and missing some parts but it looks like it could be a runner with some work.

Missing: Tuning cap, 4-400, plate cap from one of the 4-125's.

Problems noted: This thing looks ugly! Needs paint. There's a problem with the tuning of the exciter module, the mask doesn't matck the knobe placement. The meters may not be correct but I'm not sure.

It has the shock mount!

73

Joe

# 1193. Re: [T-368_BC-610] T-368 on E-bay!!

Yahoo group: T-368_BC-610
Date: 2002-03-20 02:32:51 UTC
From: w7qho@aol.com
Topic: 1192  Message: 1193

In a message dated 3/19/02 6:19:57 PM, redmenaced@... writes:

>Item #1339916133

Rough shape. Could be an "F". Think I see the toggle switch back there by the clamp tube.

Dennis D. W7QHO
Glendale, CA

# 1194. Re: [T-368_BC-610] T-368 on E-bay!!

Yahoo group: T-368_BC-610
Date: 2002-03-20 15:28:58 UTC
From: Jack Taylor
Topic: 1192  Message: 1194

$710.00 with 6 days to go for a rusted out T-368 requiring MAJOR rework?
Some people are nuts!

73 de Jack

-----Original Message-----
From: w7qho@... <w7qho@...>
To: redmenaced@... <redmenaced@...>;
T-368_BC-610@yahoogroups.com <T-368_BC-610@yahoogroups.com>
Date: Tuesday, March 19, 2002 7:32 PM
Subject: Re: [T-368_BC-610] T-368 on E-bay!!

>
>In a message dated 3/19/02 6:19:57 PM, redmenaced@... writes:
>
>>Item #1339916133
>
>Rough shape. Could be an "F". Think I see the toggle switch back there by
>the clamp tube.
>
>Dennis D. W7QHO
>Glendale, CA
>
>
>
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 1195. T-368 VFO Module

Yahoo group: T-368_BC-610
Date: 2002-03-20 23:40:58 UTC
From: W6PSS@aol.com
Topic: 1195  Message: 1195

Greetings Club Members,
My name is David, call W6PSS and I love AM. I am delighted and humbled to be numbered now among you. I was prompted to join, perhaps as some of you - I needed help.
The problem hr is wid alignment of the T-368 VFO unit that I use for all my AM rigs.
Recently the set screw for the top cam collar became loose. On inspection I noted that gear system needed cleaning. After cleaning and lubrication I attempted to reassemble unit but in the process I totally messed up the mechanical alignment
RF alignment of the unit. Can any of you help me please? Thanks!
I don't own a T-368 transmitter, only the VFO.
About BC-610's - my love affair with them goes back to 1953 where I operated one at the club station KG6AAY at the Naval Communications Station on Guam Call NPN. Then a year later at KG6GX another opportunity where I operated another E-Model. I have owned my I model since 1962.
Any help on 368vfo appreciated.
david

[Non-text portions of this message have been removed]

# 1196. Re: [T-368_BC-610] Digest Number 483

Yahoo group: T-368_BC-610
Date: 2002-03-21 00:07:28 UTC
From: GTB032161@aol.com
Topic: 1196  Message: 1196

Help I need a chimney for the 4-400 on my T-368 and a manual for a (D) model.
73 George N1TNQ

[Non-text portions of this message have been removed]

# 1197. 3880 KC right now

Yahoo group: T-368_BC-610
Date: 2002-03-21 01:21:11 UTC
From: W2ZR@aol.com
Topic: 1197  Message: 1197

The Collins Collectors Association Broadcast & Military transmitter gathering is on right now.

73,
Steve W2ZR

# 1198. Re: [T-368_BC-610] Digest Number 483

Yahoo group: T-368_BC-610
Date: 2002-03-23 16:26:43 UTC
From: Gene Beckwith
Topic: 1196  Message: 1198

George,

Solved the chimney problem with a 'Colman' lantern replacement chimney from Walmart...tried one then found the 'largest one is a near perfect match fit...occasionally find a chimney at the Fests, but none big enough for the 4-400 as yet...no need the Colman works fine...

I read this list often but get bogged down for time so don't send much stuff...still great list and great to stay in touch with Joe and the "T-3" Gang.

73,

Gene

GTB032161@... wrote:

> Help I need a chimney for the 4-400 on my T-368 and a manual for a (D) model.
> 73 George N1TNQ
>
> [Non-text portions of this message have been removed]
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 1199. Stuff:

Yahoo group: T-368_BC-610
Date: 2002-03-24 02:14:32 UTC
From: redmenaced
Topic: 1199  Message: 1199

There are 140 subscribers to this list as of today!

There's an exciter deck on E-bay to go with that rusty T-3 that's there.

Propagation conditions are great tonight, the West Coast Contact sessions should be successful again.

So far I've worked Washington, Oregon, California, Arizona (Hi, Lock), Utah, Wisconsin, and Minnesota. With a rudimentary antenna at 35 feet!

I missed the Collins Military Net on Wednesday night,..... oh well, so did lots of other military equipment owners.

Last time I had my T-3 on the air the overload tripped out, nothing found except a small spider web and spider legs on the mod deck,... time to clean! Not sure that's what caused it but its a good place to start.

"Someone" says there are only two BC-610's on the East Coast? Hmm,..... maybe there are only two that get USED! Surely that can be fixed.

73

Joe

# 1200. Re: [T-368_BC-610] Stuff:

Yahoo group: T-368_BC-610
Date: 2002-03-24 02:53:48 UTC
From: James M. Walker
Topic: 1199  Message: 1200

I don't know if that number is correct, as I currently have three all on the air at various times and a T-368. I think they are not listening or maybe need better receivers.

currently on 40 7290 AM with BC-610 and later tonite on 3870 AM with BC-610!

Jim
WB2FCN

redmenaced wrote:

> There are 140 subscribers to this list as of today!
>
> There's an exciter deck on E-bay to go with that rusty T-3 that's there.
>
> Propagation conditions are great tonight, the West Coast Contact sessions should be successful again.
>
> So far I've worked Washington, Oregon, California, Arizona (Hi, Lock), Utah, Wisconsin, and Minnesota. With a rudimentary antenna at 35 feet!
>
> I missed the Collins Military Net on Wednesday night,..... oh well, so did lots of other military equipment owners.
>
> Last time I had my T-3 on the air the overload tripped out, nothing found except a small spider web and spider legs on the mod deck,... time to clean! Not sure that's what caused it but its a good place to start.
>
> "Someone" says there are only two BC-610's on the East Coast? Hmm,.......... maybe there are only two that get USED! Surely that can be fixed.
>
> 73
>
> Joe
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 1201. Trade: HT-4H/HT-5G for GK-500A/C

Yahoo group: T-368_BC-610
Date: 2002-03-24 17:58:02 UTC
From: kd2nx@att.net
Topic: 1201  Message: 1201

Greetings!

Would anyone be interested in trading my Hallicrafters HT-4H/HT-5G TX/Speech Amp for a WRL Globe King 500 A or C model? It's complete, but needs to be restored to it's previous luster. This is a civilian version of a late-model BC-610. I just don't have the time to restore this beast. A Globe King would be easier to handle with the lack of time that I have. I have spare tubes, tuning units and tank coils. Heavy-duty casters have been added already.

Any possibilities? I'm testing the waters here. I would like to have a G.K. that works and is in decent condition. I may be contacted via my e-mail below.

Thanks and 73's,

Steve Davis, KD2NX
Middletown, New Jersey

--
E-Mail: kd2nx@...

# 1202. Re: [T-368_BC-610] Stuff:

Yahoo group: T-368_BC-610
Date: 2002-03-25 23:55:27 UTC
From: Gene Beckwith
Topic: 1199  Message: 1202

Hi Joe,

Just checked rf current in both legs of dipole for 160 using my new homebrew parallel tuned tank for the T-3. RF balance looks great! Now if I can just get the T-3 tubed up...will be ready for some testing in a week
or two on 160, just in time to miss the winter season 8>(

73,

Gene
W8KXR

redmenaced wrote:

> There are 140 subscribers to this list as of today!
>
> There's an exciter deck on E-bay to go with that rusty T-3 that's there.
>
> Propagation conditions are great tonight, the West Coast Contact sessions should be successful again.
>
> So far I've worked Washington, Oregon, California, Arizona (Hi, Lock), Utah, Wisconsin, and Minnesota. With a rudimentary antenna at 35 feet!
>
> I missed the Collins Military Net on Wednesday night,..... oh well, so did lots of other military equipment owners.
>
> Last time I had my T-3 on the air the overload tripped out, nothing found except a small spider web and spider legs on the mod deck,... time to clean! Not sure that's what caused it but its a good place to start.
>
> "Someone" says there are only two BC-610's on the East Coast? Hmm,.......... maybe there are only two that get USED! Surely that can be fixed.
>
> 73
>
> Joe
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 1203. Re: Trade: HT-4H/HT-5G for GK-500A/C

Yahoo group: T-368_BC-610
Date: 2002-03-26 00:05:30 UTC
From: kd2nx@att.net
Topic: 1201  Message: 1203

Hi Phil,

Actually, I realize the value of the Globe Kings... They
are DEFINATELY worth more than their '610 counter-parts.
I thought I'd see what was available, even if I had to
add some cash to do the deal.

Thanks for your input!

73,

Steve

--
E-Mail: kd2nx@...

> I saw three GC 500's at Dayton last year. they were asking $1500.
> I know of no 610's of any vintage selling over $500, except maybe on
> E-bay, which is crazy.
> Maybe your HT-4 set is worth more, I've never seen or heard of it in
> this area. No one around here has a set newer than a 610-I.
> Still though, there is a lot of stuff hiding, and when the old men
> hoarding it die, their wives have it hauled away. Phil, K?XI,
> Minneapolis.
> --- In T-368_BC-610@y..., kd2nx@a... wrote:
> > Greetings!
> >
> > Would anyone be interested in trading my Hallicrafters
> > HT-4H/HT-5G TX/Speech Amp for a WRL Globe King 500 A or
> > C model? It's complete, but needs to be restored to it's
> > previous luster. This is a civilian version of a late-
> > model BC-610. I just don't have the time to restore this
> > beast. A Globe King would be easier to handle with the
> > lack of time that I have. I have spare tubes, tuning
> > units and tank coils. Heavy-duty casters have been added
> > already.
> >
> > Any possibilities? I'm testing the waters here. I would
> > like to have a G.K. that works and is in decent
> > condition. I may be contacted via my e-mail below.
> >
> > Thanks and 73's,
> >
> > Steve Davis, KD2NX
> > Middletown, New Jersey
> >

> > --
> > E-Mail: kd2nx@w...
>

# 1204. w2zr response

Yahoo group: T-368_BC-610
Date: 2002-03-29 14:13:55 UTC
From: George Morton
Topic: 1204  Message: 1204

Steve - Thanks for getting me started. Brgds, Geo

# 1205. Re: [T-368_BC-610] Digest Number 488

Yahoo group: T-368_BC-610
Date: 2002-03-29 20:45:43 UTC
From: GTB032161@aol.com
Topic: 1205  Message: 1205

For Sale working T-368 (D) Model Stromgerg Carlson. Pick up only in R.I..
Comes with a spare set of modulator tubes new in the box and correct
swr/power meter and dummy load for the T-368. Also mic and copy of manual.
$1600.00. Also have a Chuck Ripple restored R-390A receiver with a new
orginal shock mount cabinet.
$1100.00.
73s George N1TNQ

[Non-text portions of this message have been removed]

# 1206. Re: [Milsurplus] BC-610 HV xfmrs? FS

Yahoo group: T-368_BC-610
Date: 2002-03-29 21:47:16 UTC
From: Joe Foley
Topic: 1206  Message: 1206

Find Harlan's E-mail address below and give him a
yell:

--- Harlan Snyder <hsnyder@...> wrote:
> I have two transformers of the HV type that
> possibley came from the
> BC-610. One of them has the marking p/n Stancor
> 520046. They have 117v
> primaries that can be selected to change the HV out.
>
> Harlan K6JFW
>
> _____
> Milsurplus mailing list
> Milsurplus@...
> http://mailman.qth.net/mailman/listinfo/milsurplus

_____
Do You Yahoo!?
Yahoo! Greetings - send holiday greetings for Easter, Passover
http://greetings.yahoo.com/

# 1207. Off topic Drake List

Yahoo group: T-368_BC-610
Date: 2002-03-30 16:14:39 UTC
From: Tom Nicholson
Topic: 1207  Message: 1207

Where can I go to find this list/reflector??

Thanks
Tom Nicholson

# 1208. AN/ARC-8 Manuals and pictures

Yahoo group: T-368_BC-610
Date: 2002-04-01 21:55:17 UTC
From: f6fed
Topic: 1208  Message: 1208

Hello,

I'm seeking after Manuals for installation of AN/ARC-8 (ART-13 and BC-348 or AN/ARR-11) on aicrafts and pictures on these complete unit.

I have US Air Force's Handbook Maintenance Instructions AN 08-30 ART13-5 and AN 08-10 209 (BC-348), but nothing on the subject.

I'm seeking too mountings with plug PL/P or Q-103 for BC-348 and DY-12 dynamotor's mounting.

I'm seeking too C-87/ART-13 pilot's control unit.

Many Thanks for help and 73.

Henri-Paul F6FED

# 1209. T-368 & BC-610 Manuals online

Yahoo group: T-368_BC-610
Date: 2002-04-04 00:58:23 UTC
From: billn2bc
Topic: 1209  Message: 1209

These and tons more available at:

http://www.kg7bz.com/Manuals.html

# 1210. Re: [Boatanchors] Re Yahoo Groups

Yahoo group: T-368_BC-610
Date: 2002-04-07 18:40:05 UTC
From: Joe Foley
Topic: 1210  Message: 1210

```
--- krk@... wrote:
> fyi,
>
> Yahoo has recently added something called Marketing
> Preferences. As a result,
> your account may have been automatically set to
> receive what they consider
> valuable information but you probably consider Spam.
> To reset it, Go to:
>
> http://subscribe.yahoo.com/showaccount
>
> Sign in and then you should see "Edit Marketing
> Preferences". Make the changes
> you want and then click the "Save Changes" button.
>
> 73 - Ken kb7rgg
> http://www.netcom.com/~krk/radio/index.htm
>
> _______________________________________________
> Boatanchors mailing list
> Boatanchors@...
> http://mailman.qth.net/mailman/listinfo/boatanchors

_____________________________________________________
Do You Yahoo!?
Yahoo! Tax Center - online filing with TurboTax
http://taxes.yahoo.com/
```

# 1211. FS: T-368 Depot Maint Manual Reprint

Yahoo group: T-368_BC-610
Date: 2002-04-09 16:16:46 UTC
From: Robert W. Downs
Topic: 1211  Message: 1211

Groups,

This morning, I finished scanning and cleaning up TM 11-809-35, the depot maintenance manual on the T-368 through T-368-E. Reprints are $36.00 plus shipping. Manual includes all pages, including printed covers and Changes 1,2,3 & 5. Foldouts are one piece. Photos are clear (except for rear view of ME-165 which came from someone else). Binding is screwpost.

Also have one extra original of TM 11-809-35 (Changes will have to be reprints) at same price and several extra originals of TM 11-809-10, the operator's manual, @ $15.90 (Changes will be reprints).

I have TM 11-809-20 and the tuning summary cards for the T-368 and TN-339 but have not scanned them.

73
Robert Downs
<RWDowns_WA5CAB@...>
Houston

# 1212. Radio operators handbook for various aircrafts.

Yahoo group: T-368_BC-610
Date: 2002-04-11 07:53:30 UTC
From: f6fed
Topic: 1212  Message: 1212

Groups,

I am needing radio operators handbooks with all the radio gear with, if possible, real photographs in the aircraft, schematics and accessories.

I am interested in AN/ARC-8, SCR-177,SCR-185,SCR-187,SCR-287...

For example I am needing "Service and instruction Manual Radio B-24-D Airplane" with BC-375,BC-348,BC-433 ...

Many thanks. For USA payment by WU.

73.

Henri-Paul F6FED

# 1213. BC-610E for sale (not mine, respond to Roger

Yahoo group: T-368_BC-610
Date: 2002-04-12 10:03:34 UTC
From: W2ZR@aol.com
Topic: 1213  Message: 1213

Subject: Halli BC 610E F.S. Only Have ONE so HURRY From: Roger L. Eaton roger53@... Date: 4/11/2002 9:26 PM Eastern Daylight Time Message-id: Have one only of this beautiful vintage transmitter in immaculate condition, hell, it might even work! If it doesn't there are a ton of spare parts for it, including the voice converter. Most important of all is the fact that the MANUAL is here and intact. I just know that someone out there is just dying to get his/her hands on this gem. She is located in Sunny So Cal so the trip out to pick her up could be combined with a vacation. Look at the pics here: http://communities.msn.com/TheEatonFamilyPictures/lookheretoseepicsofbc610e.msn w (http://communities.msn.com/TheEatonFamilyPictures/lookheretoseepicsofbc610e.msnw) then pack you gear in yer pick-up and hit the road! First one here with $1000 takes her home! [Non-text portions of this message have been removed]

# 1214. Re: [T-368_BC-610] BC-610E for sale (not mine, respond to Roger

Yahoo group: T-368_BC-610
Date: 2002-04-12 12:42:29 UTC
From: Brian Carling
Topic: 1213  Message: 1214

I tried that URL for the pictures and it didn't work. I got to the index though and clicked on pics... Then found the BC610E I wonder in what part of the country is this located ? I'm in central FL. Thanks - Brian On 12 Apr 2002 at 6:03, W2ZR@... wrote: > Subject: Halli BC 610E F.S. Only Have ONE so HURRY > From: Roger L. Eaton HREF="mailto:roger53@...">roger53@... Date: 4/11/2002 > 9:26 PM Eastern Daylight Time Message-id: > > > Have one only of this beautiful vintage transmitter in immaculate > condition, hell, it might even work! If it doesn't there are a ton of > spare parts for it, including the voice converter. Most important of > all is the fact that the MANUAL is here and intact. I just know that > someone out there is just dying to get his/her hands on this gem. She > is located in Sunny So Cal so the trip out to pick her up could be > combined with a vacation. Look at the pics here: HREF="http://communities.msn.com/TheEatonFamilyPictures/lookheretoseep > icsofbc610e.msnw"> > http://communities.msn.com/TheEatonFamilyPictures/lookheretoseepicsofb > c610e.msn > > w > then pack you gear in yer pick-up and hit the road! First one here > with $1000 takes her home! > > > > > [Non-text portions of this message have been removed] > > > ---------- Yahoo! Groups Sponsor > ----------~--> Buy Stock for $4 and no minimums. FREE Money > 2002. http://us.click.yahoo.com/k6cvND/n97DAA/ySSFAA/CPMolB/TM > ----------~ > -> > > > > > Your use of Yahoo! Groups is subject to > http://docs.yahoo.com/info/terms/ > >

# 1215. Re: [T-368_BC-610] BC-610E for sale (not mine, respond to Roger

Yahoo group: T-368_BC-610
Date: 2002-04-12 13:48:37 UTC
From: James M. Walker
Topic: 1213  Message: 1215

Things to watch out for with this item: The speech amp must be the correct type for the BC-610E!! Some speech amps have a VU meter across the drive lines to the transmitter proper. While some of the early model E type transmitters used this feature, if that is the case, check wiring schematics to be sure as the BC-614 later models carry the cathode current of the 100THs' to ground. The transmitter has been modified per the screening and plates covering the vents, check for over heated components etc, It doesn't mention tubes and the like tubes are available in various forms, but if you consider getting all new or NOS tubes be prepared to pay high costs 600.00 to 800.00 for the set (xmtr) around 100.00 for the speech amp. It looks like a great restore project but could turn into a high cost project as well. Shipping is always a problem and this one is in California. Go for it, if you need help in the restore send me some E-mail. Jim WB2FCN chejmw@... Web-site http://eshop1.chem.buffalo.edu Good Luck 73 Jim WB2FCN ----- Original Message ----- From: To: Sent: Friday, April 12, 2002 6:03 AM Subject: [T-368_BC-610] BC-610E for sale (not mine, respond to Roger > Subject: Halli BC 610E F.S. Only Have ONE so HURRY > From: Roger L. Eaton roger53@... > Date: 4/11/2002 9:26 PM Eastern Daylight Time > Message-id: > > Have one only of this beautiful vintage transmitter in immaculate > condition, hell, it might even work! If it doesn't there are a ton of > spare parts for it, including the voice converter. Most important of > all is the fact that the MANUAL is here and intact. I just know that > someone out there is just dying to get his/her hands on this gem. > She is located in Sunny So Cal so the trip out to pick her up could be > combined with a vacation. Look at the pics here: > > http://communities.msn.com/TheEatonFamilyPictures/lookheretoseepicsofbc610e. msn > > w > then pack you gear in yer pick-up and hit the road! First one here > with $1000 takes her home! > > > > > [Non-text portions of this message have been removed] > > > > > > Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/ > > >

# 1216. Need Mike Connector

Yahoo group: T-368_BC-610
Date: 2002-04-12 14:51:10 UTC
From: bobm
Topic: 1216  Message: 1216

I need a mike connector for the T-368 if anyone has one they can
spare. The one I have is defective (cracked).
Thanks for looking.

73,

Bob, W4WSZ

# 1217. RE: [T-368_BC-610] BC-610E for sale (not mine, respond to Roger

Yahoo group: T-368_BC-610
Date: 2002-04-12 15:48:43 UTC
From: David Woodhead
Topic: 1213  Message: 1217

I have seen this. It is in the LA area. I'd hardly describe it as immaculate but it is quite a find. David. -----Original Message----- From: James M. Walker [mailto:chejmw@...] Sent: Friday, April 12, 2002 6:49 AM To: T-368_BC-610@yahoogroups.com Subject: Re: [T-368_BC-610] BC-610E for sale (not mine, respond to Roger Things to watch out for with this item: The speech amp must be the correct type for the BC-610E!! Some speech amps have a VU meter across the drive lines to the transmitter proper. While some of the early model E type transmitters used this feature, if that is the case, check wiring schematics to be sure as the BC-614 later models carry the cathode current of the 100THs' to ground. The transmitter has been modified per the screening and plates covering the vents, check for over heated components etc, It doesn't mention tubes and the like tubes are available in various forms, but if you consider getting all new or NOS tubes be prepared to pay high costs 600.00 to 800.00 for the set (xmtr) around 100.00 for the speech amp. It looks like a great restore project but could turn into a high cost project as well. Shipping is always a problem and this one is in California. Go for it, if you need help in the restore send me some E-mail. Jim WB2FCN chejmw@... Web-site http://eshop1.chem.buffalo.edu Good Luck 73 Jim WB2FCN ----- Original Message ----- From: To: Sent: Friday, April 12, 2002 6:03 AM Subject: [T-368_BC-610] BC-610E for sale (not mine, respond to Roger > Subject: Halli BC 610E F.S. Only Have ONE so HURRY > From: Roger L. Eaton roger53@... > Date: 4/11/2002 9:26 PM Eastern Daylight Time > Message-id: > > Have one only of this beautiful vintage transmitter in immaculate > condition, hell, it might even work! If it doesn't there are a ton of > spare parts for it, including the voice converter. Most important of > all is the fact that the MANUAL is here and intact. I just know that > someone out there is just dying to get his/her hands on this gem. > She is located in Sunny So Cal so the trip out to pick her up could be > combined with a vacation. Look at the pics here: > > http://communities.msn.com/TheEatonFamilyPictures/lookheretoseepicsofbc610e. msn > > w > then pack you gear in yer pick-up and hit the road! First one here > with $1000 takes her home! > > > > > [Non-text portions of this message have been removed] > > > > > > Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/ > > > Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 1218. Re: [T-368_BC-610] Need Mike Connector

Yahoo group: T-368_BC-610
Date: 2002-04-12 16:45:29 UTC
From: Joe Foley
Topic: 1216  Message: 1218

Fair Radio has them, U77, right?

Joe

--- bobm <bobm@...> wrote:
> I need a mike connector for the T-368 if anyone has
> one they can
> spare. The one I have is defective (cracked).
> Thanks for looking.
>
> 73,
>
> Bob, W4WSZ
>
>
>

_____
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http://taxes.yahoo.com/

# 1219. Re: BC-610E for sale (not mine, respond to Roger

Yahoo group: T-368_BC-610
Date: 2002-04-12 16:57:38 UTC
From: w9xrt
Topic: 1213  Message: 1219

Immaculate!? I would describe it as "like new", "9 out of 10", "mint condition" or perhaps "cherry" but not immaculate ;) --- In T-368_BC-610@y..., David Woodhead wrote: > I have seen this. It is in the LA area. > I'd hardly describe it as immaculate but it is quite a find. > > David. > > -----Original Message----- > From: James M. Walker [mailto:chejmw@a...] > Sent: Friday, April 12, 2002 6:49 AM > To: T-368_BC-610@y... > Subject: Re: [T-368_BC-610] BC-610E for sale (not mine, respond to Roger > > > Things to watch out for with this item: > The speech amp must be the correct type for the BC-610E!! Some speech amps > have a VU meter across > the drive lines to the transmitter proper. While some of > the early model E type transmitters used this feature, if > that is the case, check wiring schematics to be sure as > the BC-614 later models carry the cathode current of > the 100THs' to ground. > > The transmitter has been modified per the screening and > plates covering the vents, check for over heated components etc, It doesn't > mention tubes and the like > tubes are available in various forms, but if you consider > getting all new or NOS tubes be prepared to pay high > costs 600.00 to 800.00 for the set (xmtr) around 100.00 > for the speech amp. > > It looks like a great restore project but could turn into > a high cost project as well. Shipping is always a problem and this one is in > California. > > Go for it, if you need help in the restore send me some > E-mail. > > Jim WB2FCN > > chejmw@a... > > Web-site > http://eshop1.chem.buffalo.edu > > Good Luck > 73 > Jim > WB2FCN > > ----- Original Message ----- > From: > To: > Sent: Friday, April 12, 2002 6:03 AM > Subject: [T-368_BC-610] BC-610E for sale (not mine, respond to Roger > > > > Subject: Halli BC 610E F.S. Only Have ONE so HURRY > > From: Roger L. Eaton HREF="mailto:roger53@a...">roger53@a... > > Date: 4/11/2002 9:26 PM Eastern Daylight Time > > Message-id: > > > > Have one only of this beautiful vintage transmitter in immaculate > > condition, hell, it might even work! If it doesn't there are a ton of > > spare parts for it, including the voice converter. Most important of > > all is the fact that the MANUAL is here and intact. I just know that > > someone out there is just dying to get his/her hands on this gem. > > She is located in Sunny So Cal so the trip out to pick her up could be > > combined with a vacation. Look at the pics here: > > HREF="http://communities.msn.com/TheEatonFamilyPictures/lookheretosee picsofb > c610e.msnw"> > > > http://communities.msn.com/TheEatonFamilyPictures/lookheretoseepicsof bc610e. > msn > > > > w > > then pack you gear in yer pick-up and hit the road! First one here > > with $1000 takes her home! > > > > > > > > > > [Non-text portions of this message have been removed] > > > > > > > > > > > > Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/ > > > > > > > > > > > > Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 1220. T-368-C for sale

Yahoo group: T-368_BC-610
Date: 2002-04-12 16:58:08 UTC
From: Thomas B Smith
Topic: 1213  Message: 1220

While we are in the military equipment for sale mode, I still have a nice working T-368-C for sale. It is located in the northwest Louisiana area but can be trucked (within reason) in the area or brought back to my home in the Houston area.

It's all original with the exception of some of the reversable audio mods found in "Electric Radio". It is a very clean transmitter. It is mounted on heavy duty casters to help in transport. I have manuals and documentation on the "ER" audio mods. I also have available tube spares (including the 6000) and a extra exciter unit that will be sold as seperate items.

Price is best offer over $1200. I have jpegs available. Please email if interested.

Thanks,
Tom N5AMA

# 1221. T-368 Registry 4/14/02

Yahoo group: T-368_BC-610
Date: 2002-04-14 10:59:57 UTC
From: W2ZR@aol.com
Topic: 1221  Message: 1221

W2ZR w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI redmenaced@...
Bendix T-368 E #160
contract 3219-PP-59

WF2U wf2u@...
B&W T-368E #628
contract 15117-PP-62

W8KXR jtone@...
B&W T-368C #216
contract 43056-P-55

Bendix T-368C #209
contract 3219-PP-59

W4WSZ bobm@...
Stromberg-Carlson T-368D #161

KF2JQ jprusso@...
AMF T-368A #69
contract 25209-PHILA-54

WB3FAU wb3fau@...
Oneida T-368F #192
contract 15498-PP-63

KA3OTT kazott@...
B&W T-368C #018
contract 43056-P-56

KW1I Dale.Gagnon@...
AMF T-368A #62
contract 25209-PHILA-54

W3NP daveh@...
B&W T-368E #575
contract 15117-PP-62
overhauled at Pirmasens Army Depot

KD1YT tlewis@...
B&W T-368E #27
contract 15117-PP-62
overhauled at Pirmasens Army Depot

KX4R kx4r@...
Crosley T-368C #560
contract 21316-PH-56

WB6DXR lesterw@...
B&W T-368 #18
contract 25633-Phila-53

W2HU reid.j.hagan@...
T-368 #138
(awaiting details)

W7QHO w7qho@...
B&W T-368 #129
contract 25633-PHILA-53

Crosley T-368C #237
contract 28459-PH-55

K2AUS w.d.gallagher@...
TRW T-368F #303
contract 14527(E)

N4FS n4fs@...
TRW T-368F #261
contract 14527(E)

WA1QHQ mark.donaldson@...
B&W T-368 #32
contract 25070-Phila-54

Oneida T-368F #59
contract 15498-PP-63

AE4IN ae4in@...
Daystrom T-368C #46
contract 28597-Phil-55

W5BVB plmills@...
Oneida T-368F #19
contract 15498-PP-63

N4KIA pradams@...
Crosley T-368C #275
contract 28459-PH-55

N2BC n2bc@...
T-368C

K4BVQ PHollifield@...
Bendix T-368E #118
contract 3219-PP-59
overhauled at Pirmasens Army Depot

KF4TP olaf@...
TRW T-368F #190
contract 14527(E)

KE7KK ke7kk@...
Stromber-Carlson T-368D #33
contract #39692-PP-58

W9QM r_longworth@...
Oneida T-368F #149
contract 15498-PP-63

K9RJ jandrjor@...
Stromberg-Carlson T-368D #55

WA6IUR fly n ham@...
TRW T-368F #2
contract 14527(E)

W4TDC WA4TDC@...
Crosley T-368C #364
contract 28459-PH-55

K9XH jleer@...
TRW T-368F #238
contract 14527(E)
overhauled at Pirmasens Army Depot

WA4KCY sweetbay@...
TRW T-368F #358
contract 14527(E)

Tom Leiper (no call yet) twleiper@...
Ecco Electronic Components T-368F #76
contract DAAB05-67-C0022

K0WRX PLCullum1823@...
B&W T-368C #305
contract 43056-P-56

W1ZD w1nml@...
TRW T-368F #64
contract 14527(E)

K8OF hamalot@...
T-368C
GDP 2/67

WB2FCN chejmw@...
T-368A (nsn)

WB6ACU WB6ACU@...
B&W T-368C #285
contract 43056-P-56

overhauled at Pirmasens Army Depot

KD3FA billn@...
B&W T-368E #541
contract 11517-PP-62

W3TOY wa3toj@...
B&W T-368 #13
contract 3472-Phila-52

B&W T-368E #206
contract 15117-PP-62

W3PWW (no email)
Crosley T-368C #211
contract 28459-PH-55

W2HER bobziolk@...
Bendix T-368E #152
contract 3219-PP-59

WA0TSY troy-aero@...
B&W T-368C #367
contract 43056-P-56
overhauled at Pirmasens Army Depot

AA9WQ aa9wqham@...
B&W T-368 #22
contract 3472-PHILA-53
overhauled

W7XH billbraden@...
TRW T-368F #359
contract 14527(E)

KG2IC kg2ic@...
T-368F

KC8CU ramsta@...
B&W T-368 #82
contract 25633-PH-53
overhauled at Lexington Blue Grass Army Depot

W3RC dasein@...
ECCO Electronic Components T-368F #114
contract DAAB05-67-C0022

USS New Jersey
TRW T-368F #172
contract 14527(E)

K8TV ken.koyan@...
B&W T-368C #10

contract 43056-P-56

W9XRT jmain@...
Bendix T-368E #17
contract 3219-PP-59

N5AMA tsmith@...
Crosley T-368C #51
contract 28459-PH-55

W2ILA tom_mackie@...
ECCO Electronic Components T-368F #103
contract DAAB05-67-C0022

K1KHP k1khp@...
B&W T-368C #123
contract 43056-P-56

B&W T-368E #536
contract 15117-PP-62

WA9ZTY no email
Crosley T-368C
contract 28459-PH-55
AFRS military mod

NI6S aidehua@...
TRW T-368F #260
contract 14527(E)

W0ZR telutz@...
Bendix T-368E #224
contract 3219-PP-59

WA4VAG prc74b@...
Crosley T-368C # 353
contract 28459-PH-55

W4CLM w4clm.ham@...
Oneida T-368F #75
contract 15498-PP-63

K6OSM commtekman@...
Bendix T-368E #133
contract 3219-PP-59

# 1222. BC-610 stuff on Ebay

Yahoo group: T-368_BC-610
Date: 2002-04-14 18:10:12 UTC
From: Joe Foley
Topic: 1222  Message: 1222

Do a search for BC-610 and see what comes up,.... good
rare stuff!

Joe

_____
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http://taxes.yahoo.com/

# 1223. BC-610-E

Yahoo group: T-368_BC-610
Date: 2002-04-14 20:58:50 UTC
From: Gerald Froehlich
Topic: 1223  Message: 1223

Am trying to locate the twist lock female connector for the 110 volt male connector on my 610 and i have checked a number of places in our area.. and nothing but a blank stare. Is there a sorce or a part # and manufacture name, wishing to make a new cord. From gerald W Froehlich KR4BR viking62@...
BC-610-E Hallicrafters serial 334 Order # 25781-PHILA-44-07

[Non-text portions of this message have been removed]

# 1224. Safety review time

Yahoo group: T-368_BC-610
Date: 2002-04-15 01:31:38 UTC
From: Joe Foley
Topic: 1224  Message: 1224

http://home.att.net/~r391/www_ott/t368.htm

_____
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Yahoo! Tax Center - online filing with TurboTax
http://taxes.yahoo.com/

# 1225. WTB 3885 kit for BC-611

Yahoo group: T-368_BC-610
Date: 2002-04-15 03:05:45 UTC
From: N6WIG
Topic: 1225  Message: 1225

Just got a BC-611 and want to get it on 3885. Need the
crystals (Receive and Transmitt) and the 2 coils. If you
have them to sell let me know.

Thanks and 73's

Mike

? ?/// ? ? ?<mikhael@...>
? ? | ?Collector of Military and Vintage
? ?/|\ ? ? commuications equipment.
? N6WIG ? ? ? ?San Jose
AAR9MX

# 1226. Re: [T-368_BC-610] BC-610-E

Yahoo group: T-368_BC-610
Date: 2002-04-15 13:40:09 UTC
From: James M. Walker
Topic: 1223  Message: 1226

Part is available from McMaster-Carr part number
7720K14 @ 19.62 each

Jim
WB2FCN
(2) BC-610(I)
(1) BC-610(E)

----- Original Message -----
From: "Gerald Froehlich" <viking62@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Sunday, April 14, 2002 4:58 PM
Subject: [T-368_BC-610] BC-610-E

> Am trying to locate the twist lock female connector for the 110 volt male
connector on my 610 and i have checked a number of places in our area.. and
nothing but a blank stare. Is there a sorce or a part # and manufacture
name, wishing to make a new cord. From gerald W Froehlich KR4BR
viking62@...
> BC-610-E Hallicrafters serial 334 Order # 25781-PHILA-44-07
>
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 1227. Picture from days gone by?

Yahoo group: T-368_BC-610
Date: 2002-04-17 03:00:50 UTC
From: redmenaced
Topic: 1227  Message: 1227

From Fair Radio:

http://amfone.net/Fair2.jpg

# 1228. Re: [Boatanchors] FS xtals

Yahoo group: T-368_BC-610
Date: 2002-04-18 00:02:03 UTC
From: Joe Foley
Topic: 1228  Message: 1228

Talk to the telephroger below:

--- Telegrapher@... wrote:
> No need for me to hoard these things as i don't have
> a rig that uses
> them.
>
> set of xtals (FT-243) starting at 7000Kc thru 7300
> in 25 kc increments.
> 13 in all. $40 for the whole package.
>
> Odd freqs also FT-243 types.
>
> Peterson Type Z-2: 3940 kc
> 3565 kc
> 7178 kc
> 1901.9 kc
>
> Monitor Co., Pasadena, Ca. on 7168 kc
> Monitor Co., Pasadena, Ca. on 7200 kc
> Scientific Radio on 3854.4 kc
> No mfg markings on 7155 kc
>
> Bliley Elect. Co. Type AX2 (same spacing as FT-243)
> on 3863.1 kc
>
> Texas Crystals: 7170 and 7191 kc.
>
> Bliley type MC-9 on 1000 kc. $5
>
> I have 2 FT-171 xtals for the BC-610. 3520 and 3570
> Kc. $10 for the
> pair
>
> Transactions must be completed by May 1. Thats 2
> weeks.
>
> I prefer to not break up the 13 xtal set 7000 thru
> 7300 kc. Individual
> xtals are $3 per item.
>
> Postage is extra from zip 85233, Gilbert, AZ. 1st
> class mail will be
> used unless otherwise specified.
>

> Larry
> W0OGH
>
>
>
> _____
> Boatanchors mailing list
> Boatanchors@...
> http://mailman.qth.net/mailman/listinfo/boatanchors

_____
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http://taxes.yahoo.com/

# 1229. line voltage

Yahoo group: T-368_BC-610
Date: 2002-04-18 15:33:35 UTC
From: Gerald Froehlich
Topic: 1229  Message: 1229

Hope we are working ! My line voltage is 123 volts, Other then the heater voltage is there any other problems that might happen ? also If I got this right I think I need to add a jumper to the JB-70 connector to enable PTT from the 614-H, and has anybody got a better idea for the load control , I use only dipoles cut to operating freq. jerry/KR4BR

[Non-text portions of this message have been removed]

# 1230. Re: [T-368_BC-610] BC-610-E

Yahoo group: T-368_BC-610
Date: 2002-04-17 14:53:28 UTC
From: Robert W. Downs
Topic: 1223  Message: 1230

Message text written by "James M. Walker"
>Part is available from McMaster-Carr part number
7720K14 @ 19.62 each
<
I needed to buy some hollow rivet clinchers from McMaster, so I ordered one
of the twist lock connectors. What they have are the Daniel Woodhead
connectors, which are soft on the outside. It is a little tight getting
into and out of the original BC-610-E chassis AC connector (if you are
holding the chassis connector in one hand) but with the connector firmly
anchored by a BC-610, should be no problem at all. :-) But the cheaper
rigid plastic ones like most hardware stores carry are too large, and won't
squeeze into the recessed housing.

73
Robert Downs
<RWDowns_WA5CAB@...>
Houston

# 1231. line voltage

Yahoo group: T-368_BC-610
Date: 2002-04-17 17:37:33 UTC
From: Gerald Froehlich
Topic: 1229  Message: 1231

My line voltage in the shack is 123 volts, Other then the heaters should I be aware of anyother problems? alsoI use dipoles cut to operating freq. is there a better way to control loading other then moving the link? BC-610-E serial # 334 Order # 25781-phila-44-07 hallicrafters and BC-614-H serial # 699 order # 21418-phila-50-7-C Hallicrafters KR4BR/Jerry

[Non-text portions of this message have been removed]

# 1232. am i going the right path?

Yahoo group: T-368_BC-610
Date: 2002-04-20 06:45:52 UTC
From: Gerald Froehlich
Topic: 1232  Message: 1232

Hi, First I want to thank Joe for putting me on the list and everyone who has helped myself. I think if I got this right (using a BC-614-H) Grounding pin 2 on the SO5 starts the exciter only, and connecting pins 3 and 4 on the SO5 puts everything in transmit ? I have not the foggyest idea whats in a JB-70 but i think if i install a relay in my 614H operated by the mike button that should give me PTT. I can.t see any reason to switch on the exciter from the remote position( unless to 0 beat or check Freq. with a counter) Hallicrafters BC-610-E serial 334 order # 25781-phila-44-07 and Hallicrafters BC-614-H serial 699 order # 21418-phila-50-7-C

[Non-text portions of this message have been removed]

# 1233. Russian equivalent of T-368

Yahoo group: T-368_BC-610
Date: 2002-04-20 22:14:49 UTC
From: WF2U
Topic: 1228  Message: 1233

Hello Group,

Just for kicks - here is the Russian equivalent of the T-368 or maybe its big cousin:

It's called the R-102,
Frequency range: 1-12MHz; Output power 900W; very high frequency stability with thermostat control, modes of operation A1, F1, F1/F6, A3; integrated antenna tuner; Power supply requires 3 phase 380V or 220V; Dimensions approximately 6' H x 3' 4" W x 4' 4" D ; weight approximately 1100 lbs; picture can be seen at http://www.rz.unibw-muenchen.de/~j9sc0703/Sender_R-102_komplett_a.JPG .
BTW, it's for sale in Germany, for 1250 Euro... ($1112).
Anyone feels adventurous? (1 ton can be shipped by ocean freight for around $500.....)

73, Meir WF2U

# 1234. Re: [Milsurplus] Three BC610 coils for trade for tubes

Yahoo group: T-368_BC-610
Date: 2002-04-21 22:15:46 UTC
From: Joe Foley
Topic: 1234  Message: 1234

Can anyone help this guy out,, please?

John D Hensley <nfmk@...> wrote: I have three BC610 coils (two NOS), one very nice condition, all non-ham
band stuff. BUT, if you need to rebuild some useable coils, here is a
source for parts.

I need a 10" speaker with B+ inductance coil for my National NC2-40C
receiver and a manual.

Would also trade for a pair of 6A5G's or 6B4G's

TIA, JH

---------------------------------------------------------------------
GET INTERNET ACCESS FROM JUNO!
Juno offers FREE or PREMIUM Internet access for less!
Join Juno today! For your FREE software, visit:
http://dl.www.juno.com/get/web/.
---------------------------------------------
Milsurplus mailing list
Milsurplus@...
http://mailman.qth.net/mailman/listinfo/milsurplus

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Do You Yahoo!?
Yahoo! Games - play chess, backgammon, pool and more

[Non-text portions of this message have been removed]

# 1235. Re: [T-368_BC-610] Russian equivalent of T-368

Yahoo group: T-368_BC-610
Date: 2002-04-22 19:00:46 UTC
From: Jack Taylor
Topic: 1228  Message: 1235

One of the locals reports that last year he worked on a R-102 while on assignment in eastern Europe. He said they are very well built and that he'd love to have one if the shipping charges weren't too high. Of course the killer for most of us is the AC power input requirements.

Meir thanks for bringing the R-102 to our attention.

73 de Jack

-----Original Message-----
From: WF2U <wf2u@...>
To: t-368_bc-610@yahoogroups.com <t-368_bc-610@yahoogroups.com>
Date: Saturday, April 20, 2002 3:09 PM
Subject: [T-368_BC-610] Russian equivalent of T-368

>Hello Group,
>
>Just for kicks - here is the Russian equivalent of the T-368 or maybe its
>big cousin:
>
>It's called the R-102,
>Frequency range: 1-12MHz; Output power 900W; very high frequency stability
>with thermostat control, modes of operation A1, F1, F1/F6, A3;
integrated
>antenna tuner; Power supply requires 3 phase 380V or 220V; Dimensions
>approximately 6' H x 3' 4" W x 4' 4" D ; weight approximately 1100 lbs;
>picture can be seen at
>http://www.rz.unibw-muenchen.de/~j9sc0703/Sender_R-102_komplett_a.JPG .
>BTW, it's for sale in Germany, for 1250 Euro... ($1112).
>Anyone feels adventurous? (1 ton can be shipped by ocean freight for
>around $500.....)
>
>73, Meir WF2U

# 1236. Photos of T-3 equipment

Yahoo group: T-368_BC-610
Date: 2002-04-23 06:15:10 UTC
From: redmenaced
Topic: 1236  Message: 1236

Hi list,

I've just added a bunch of photos of T-3 peripheral equipment to the album at the homepage of this list.

There are photos of the TN-339 Antenna Tuner, the ME-165 Power/Wattmeter, and the remote control panel which I will add the proper number to later.

I also signed up several new members to this list over the last two days, if you want to include your transmitter in the T-368 registry or the BC-610 registry pliease include your name, call sign, manufacturer of the rig, S/N, Contract number, and model. I don't keep the registries so don't send it to me.

That's 150 people on the list now.

Joe KG2CI

# 1237. Photos of T-3 equipment

Yahoo group: T-368_BC-610
Date: 2002-04-23 06:22:51 UTC
From: redmenaced
Topic: 1236  Message: 1237

Hi list,

I just posted photos of peripheral equipment for the T-368 at the homepage of this list.

There is the TN-339 Antenna Tuner, the ME-165 Power/Wattmeter, the remote control box for the T-368 and R-390 receivers which I will put the proper number on later.

I have just signed up several more people to the list if anyone wants to include their transmitter in either the T-368 Registry, the BC-610 Registry, or the new HT-4 Registry, please include the transmitter manufacturer's name, the Serial Number, the contract number, and the model number. Also, include your name and call sign.

That's 150 members on the list now.

73

Joe KG2CI

# 1238. (no subject)

Yahoo group: T-368_BC-610
Date: 2002-04-23 06:23:30 UTC
From: redmenaced
Topic: 1238  Message: 1238

[Body unavailable in the source archive]

# 1239. T-368 exciter deck F/A on eBay (not mine)

Yahoo group: T-368_BC-610
Date: 2002-04-24 12:33:13 UTC
From: W2ZR@aol.com
Topic: 1239  Message: 1239

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=1348482668

# 1240. First contact with group

Yahoo group: T-368_BC-610
Date: 2002-04-24 21:32:04 UTC
From: k5jv
Topic: 1240  Message: 1240

Greetings to all,

This is my first attempt to post to this reflector. I have, extra to my needs, a T-368 still in the wooden crate. This unit is one of three that was saved from the lake at Dallas Naval Air Station by Robert Downs a few years back. If it is like its sister tat I have regularly operated for several years, all it will need is a little cleaning. Actually, I have not opened the crate on this one and will not unless someone is seriously interested in it. I will be glad to deliver it anywhere near the highway from Houston to Dayton, Dayton to Manassas in mid May. Will also be going to Montana, Oregon, and California in July and can deliver it along that route.

I also have a few, fixed link, NIB 160 meter BC-610 coils. These coils are still wrapped up in the original packing. I will not guarantee then unless the buyer allows me to open the packages to inspect. The reason I say this that about half of the buyers have requested that I not open the boxes.

Also have an "I", "F", and "E" model available in conditions something less that the one in the crate.

73 de Lon Cottingham, K5JV
281-358-4207
281-433-7532 Cell

# 1241. tremendous responce

Yahoo group: T-368_BC-610
Date: 2002-04-24 23:46:00 UTC
From: k5jv
Topic: 1241  Message: 1241

Greetings to all,

Wow!!! I never dreamed that I would get such a tremendous response, especially in such a short time. Even though I may be all night at it, I will answer each inquiry individually.

The two T-368's are already gone, there is one T-213 (GRC-26) and a BC-610 "I" and "E" remaining. There are also a few BC-939's remaining.

I will go to the storage unit and see exactly how many of the NIB 160 Meter, fixed link tank coils remain. I found an unopened case of them at Fair Radio Sales about three years ago. Most of them sold by Mobile Ham Radio on my trip home.

I am looking for a BC-729 (SCR-299) antenna tuning unit and would consider trading some of the NIB160 meter tank coils for one.

73 de Lon Cottingham, K5JV
281-358-4207
281-433-7532 Cell

# 1242. 20 meter coil 75 meter tuning box

Yahoo group: T-368_BC-610
Date: 2002-04-25 00:15:21 UTC
From: Gerald Froehlich
Topic: 1242  Message: 1242

Hi, I need a 40 meter tankcoil and a 20 meter tuning box for my BC-610-E, I have a 20 meter coil and a 75 meter box available. Thanks jerry

[Non-text portions of this message have been removed]

# 1243. BC-610 160 meter tank cols

Yahoo group: T-368_BC-610
Date: 2002-04-25 01:11:40 UTC
From: k5jv
Topic: 1243  Message: 1243

Greetings to all,

I have eight 160 meter BC-610 tank coils remaining. Six of them are NOS in the original sealed boxes. One of them has the outer box opened, but the inner packing is still sealed. The last one is a NOS variable link coil with bad plastic deterioration. It is still wrapped in part of the original packing material. It is repairable if you are good with plastic and glue. The fixed link, NOS, coils are $100.00 each or $75.00 each if two or more are bought. The variable link unit with bad plastic deterioration is $50.00 or somewhat less is you buy a total of two or more coils.

73 de Lon Cottingham, K5JV

# 1244. T-368 Registry 4/25/02

Yahoo group: T-368_BC-610
Date: 2002-04-25 12:59:29 UTC
From: W2ZR@aol.com
Topic: 1244  Message: 1244

W2ZR w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI redmenaced@...
Bendix T-368 E #160
contract 3219-PP-59

WF2U wf2u@...
B&W T-368E #628
contract 15117-PP-62

W8KXR jtone@...
B&W T-368C #216
contract 43056-P-55

Bendix T-368C #209
contract 3219-PP-59

W4WSZ bobm@...
Stromberg-Carlson T-368D #161
contract 39692-PP-58

KF2JQ jprusso@...
AMF T-368A #69
contract 25209-PHILA-54

WB3FAU wb3fau@...
Oneida T-368F #192
contract 15498-PP-63

KA3OTT kazott@...
B&W T-368C #018
contract 43056-P-56

KW1I Dale.Gagnon@...
AMF T-368A #62
contract 25209-PHILA-54

W3NP w3np@...
B&W T-368E #575
contract 15117-PP-62
overhauled at Pirmasens Army Depot

KD1YT tlewis@...
B&W T-368E #27
contract 15117-PP-62

overhauled at Pirmasens Army Depot

KX4R kx4r@...
Crosley T-368C #560
contract 21316-PH-56

WB6DXR lesterw@...
B&W T-368 #18
contract 25633-Phila-53

W2HU reid.j.hagan@...
T-368 #138
(awaiting details)

W7QHO w7qho@...
B&W T-368 #129
contract 25633-PHILA-53

Crosley T-368C #237
contract 28459-PH-55

K2AUS w.d.gallagher@...
TRW T-368F #303
contract 14527(E)

N4FS n4fs@...
TRW T-368F #261
contract 14527(E)

WA1QHQ mark.donaldson@...
B&W T-368 #32
contract 25070-Phila-54

Oneida T-368F #59
contract 15498-PP-63

AE4IN ae4in@...
Daystrom T-368C #46
contract 28597-Phil-55

W5BVB plmills@...
Oneida T-368F #19
contract 15498-PP-63

N4KIA pradams@...
Crosley T-368C #275
contract 28459-PH-55

N2BC n2bc@...
T-368C

K4BVQ PHollifield@...
Bendix T-368E #118
contract 3219-PP-59

overhauled at Pirmasens Army Depot

KF4TP olaf@...
TRW T-368F #190
contract 14527(E)

KE7KK ke7kk@...
Stromber-Carlson T-368D #33
contract 39692-PP-58

W9QM r_longworth@...
Oneida T-368F #149
contract 15498-PP-63

K9RJ jandrjor@...
Stromberg-Carlson T-368D #55
contract 39692-PP-58

WA6IUR fly n ham@...
TRW T-368F #2
contract 14527(E)

W4TDC WA4TDC@...
Crosley T-368C #364
contract 28459-PH-55

K9XH jleer@...
TRW T-368F #238
contract 14527(E)
overhauled at Pirmasens Army Depot

WA4KCY sweetbay@...
TRW T-368F #358
contract 14527(E)

Tom Leiper (no call yet) twleiper@...
Ecco Electronic Components T-368F #76
contract DAAB05-67-C0022

K0WRX PLCullum1823@...
B&W T-368C #305
contract 43056-P-56

W1ZD w1nml@...
TRW T-368F #64
contract 14527(E)

K8OF hamalot@...
T-368C
GDP 2/67

WB2FCN chejmw@...
T-368A (nsn)

WB6ACU WB6ACU@...
B&W T-368C #285
contract 43056-P-56
overhauled at Pirmasens Army Depot

KD3FA billn@...
B&W T-368E #541
contract 11517-PP-62

W3TOY wa3toj@...
B&W T-368 #13
contract 3472-Phila-52

B&W T-368E #206
contract 15117-PP-62

W3PWW (no email)
Crosley T-368C #211
contract 28459-PH-55

W2HER bobziolk@...
Bendix T-368E #152
contract 3219-PP-59

WA0TSY troy-aero@...
B&W T-368C #367
contract 43056-P-56
overhauled at Pirmasens Army Depot

AA9WQ aa9wqham@...
B&W T-368 #22
contract 3472-PHILA-53
overhauled

W7XH billbraden@...
TRW T-368F #359
contract 14527(E)

KG2IC kg2ic@...
T-368F

KC8CU ramsta@...
B&W T-368 #82
contract 25633-PH-53
overhauled at Lexington Blue Grass Army Depot

W3RC dasein@...
ECCO Electronic Components T-368F #114
contract DAAB05-67-C0022

USS New Jersey
TRW T-368F #172
contract 14527(E)

K8TV ken.koyan@...
B&W T-368C #10
contract 43056-P-56

W9XRT jmain@...
Bendix T-368E #17
contract 3219-PP-59

N5AMA tsmith@...
Crosley T-368C #51
contract 28459-PH-55

W2ILA tom_mackie@...
ECCO Electronic Components T-368F #103
contract DAAB05-67-C0022

K1KHP k1khp@...
B&W T-368C #123
contract 43056-P-56

B&W T-368E #536
contract 15117-PP-62

WA9ZTY no email
Crosley T-368C
contract 28459-PH-55
AFRS military mod

NI6S aidehua@...
TRW T-368F #260
contract 14527(E)

W0ZR telutz@...
Bendix T-368E #224
contract 3219-PP-59

WA4VAG prc74b@...
Crosley T-368C # 353
contract 28459-PH-55

W4CLM w4clm.ham@...
Oneida T-368F #75
contract 15498-PP-63

K6OSM commtekman@...
Bendix T-368E #133
contract 3219-PP-59

W1DEC davidca@...
Stromberg-Carlson T-368D #104
contract 39692-PP-58

# 1245. new to the list

Yahoo group: T-368_BC-610
Date: 2002-04-26 14:05:48 UTC
From: Honest Charlie's Bar & Grill
Topic: 1245  Message: 1245

Ok...2 BC-610s..One set up for 160 and one for any band up to 20...I'm proud of these things but not too proud...If you have always wanted one let me know...I retire next year and the price goes up....Smile Later Rick

2....250THs Kicked Around By 2-250TLs

=====
I am endeavoring to proceed...
And I was sick for three days, now I`m drinking
> again, Thank GOD.
Twas a woman who drove me to drink, and I
never had the courtesy to thank her for it.
W. C. Fields ( 1880 - 1946 )

_____
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http://games.yahoo.com/

# 1246. 160 meter BC-610 tank coils

Yahoo group: T-368_BC-610
Date: 2002-04-26 14:15:12 UTC
From: k5jv
Topic: 1246  Message: 1246

Greetings to all,

I think I have responded to all the mail about the tank coils and transmitters. If I missed you, please forgive me and try again.

I have only two NOS BC-610 fixed link tank coils remaining. I have opened the sealed boxes for inspection. These two coils have very slight plastic deterioration. Actually, a plastic stiffener inside the coil has come unglued. The coils will still perform perfectly whether this piece of plastic is re-glued, left as-is, or removed. These are the last two of these coils that I know of. I am lowering the price to $75.00 each because of this slight imperfection.

73 de Lon Cottingham, K5JV
281-358-4207
281-433-7532 Cell

# 1247. T-368 Osc/Mult Info???

Yahoo group: T-368_BC-610
Date: 2002-04-26 17:22:01 UTC
From: storviken
Topic: 1247  Message: 1247

Just acquired (at Largo, Fla swapmeet) the oscillator-multiplier assembly from T-368 (B&W Model 15000). Plan is to use it as VFO for my Johnson Viking II-CDC for the WARC bands (the ones not covered by the old Johnson VFO). Need some help on the following:

1) Where can I get a schematic (and maybe pin voltages and resistances) for this unit. I guess the complete manual for the T-368 is available but that would be an overkill when I just need the oscillator/multiplier schematic.

2) What's the story on V-104 (type 6000) tube? Can't find it in my old tube manuals. Is there a direct replacement? Is there a source for these? Is there a substitute? Is it feasible to modify the socket to accept some other tube? It appears to be the PA for the assembly.

3) Will this unit have sufficient RF output to drive the Johnson Viking II? (feeding into the "VFO Input" connector)

4) Are the output frequencies the same as the dial frequencies? (i.e., are there additional multipliers in the other stages of the transmitter?). I will be needing an input (to the Viking) freq of 1.8 - about 6.5 mhz for the WARC bands.

Any assistance would be greatly appreciated. More than willing to pay for copying the schematic and any related voltage/resistance tables and postage.

Tks & 73
Walt Treftz (N4GL)
penguino@...
(352) 637-1755

# 1248. Re: [T-368_BC-610] T-368 Osc/Mult Info???

Yahoo group: T-368_BC-610
Date: 2002-04-26 21:09:48 UTC
From: Joe Foley
Topic: 1247  Message: 1248

My first question would be: "Why go to all of this silly trouble when you could just slap it into a T-368 and be done with it?"

Joe

storviken <hvalver@...> wrote: Just acquired (at Largo, Fla swapmeet) the oscillator-multiplier assembly from T-368 (B&W Model 15000).
Plan is to use it as VFO for my Johnson Viking II-CDC
for the WARC bands (the ones not covered by the old
Johnson VFO). Need some help on the following:

1) Where can I get a schematic (and maybe pin voltages
and resistances) for this unit. I guess the complete
manual for the T-368 is available but that would be an
overkill when I just need the oscillator/multiplier
schematic.

2) What's the story on V-104 (type 6000) tube? Can't
find it in my old tube manuals. Is there a direct
replacement? Is there a source for these? Is there
a substitute? Is it feasible to modify the socket to
accept some other tube? It appears to be the PA for
the assembly.

3) Will this unit have sufficient RF output to drive
the Johnson Viking II? (feeding into the "VFO Input"
connector)

4) Are the output frequencies the same as the dial
frequencies? (i.e., are there additional multipliers
in the other stages of the transmitter?). I will be
needing an input (to the Viking) freq of 1.8 - about
6.5 mhz for the WARC bands.

Any assistance would be greatly appreciated. More than
willing to pay for copying the schematic and any related
voltage/resistance tables and postage.

Tks & 73
Walt Treftz (N4GL)
penguino@...
(352) 637-1755

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[Non-text portions of this message have been removed]

# 1249. thank you

Yahoo group: T-368_BC-610
Date: 2002-04-27 22:19:10 UTC
From: k5jv
Topic: 1249  Message: 1249

Greetings to all,

Just a note say that the two T-368's and all of the 160 meters
BC-610 tank coils have gone. I still have one T-213/GRC-26 (BC-610F) in
original wooden shipping crate, one BC-610 "E" mode,. and one BC-610 "I"
model remaining. These items can be delivered to Dayton or on way to Dayton
and Manassas and back to Texas in Late May and early June, or, on between
Houston and Montana, Oregon, California, and back to Houston in July.

73 de Lon Cottingham, K5JV
281-358-4207
281-433-7532

# 1250. BC-610 for auction on eBay

Yahoo group: T-368_BC-610
Date: 2002-05-01 16:00:44 UTC
From: W2ZR@aol.com
Topic: 1250  Message: 1250

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=1350039585

# 1251. Re: [T-368_BC-610] BC-610 for auction on eBay

Yahoo group: T-368_BC-610
Date: 2002-05-01 17:42:14 UTC
From: James M. Walker
Topic: 1250  Message: 1251

I took a look, the modulator deck has been denuded (Stripped). Looks like a portion of the RF deck (tuning unit area) also. No tubes at all on the "mod" deck, conjecture on the power supply as it is clipped in the area of the relays. Modulation transformer is also missing.
Humm, say around 150.00 for everything in the pictures and the cost of shipping, put it on a pallet ship forward air, around 60.00, I make it around 210.00 shipped anywhere in the continental USA.
A lot of refurb time, and parts scrounging time, Yes a major project.
Jim
WB2FCN

W2ZR@... wrote:
>
> http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=1350039585
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 1252. Re: [T-368_BC-610] BC-610 for auction on eBay

Yahoo group: T-368_BC-610
Date: 2002-05-01 18:48:38 UTC
From: Robert W. Downs
Topic: 1250  Message: 1252

Message text written by "James M. Walker"
>I took a look, the modulator deck has been denuded (Stripped). Looks like a portion of the RF deck (tuning unit area) also. No tubes at all on the "mod" deck, conjecture on the power supply as it is clipped in the area of the relays. Modulation transformer is also missing.
<

Jim,

Well it's already over $300. Curious that the seller says that he has all of the tubes and that he doesn't mention that the modulator deck is partially stripped. The bias and exciter supplies seem to still be there, although home-made SS rectifiers appear to be plugged into the 5Z3 sockets. However, comparing the rear view photograph in the ad (which is seriously underexposed) with photos in the TM, I don't see anything missing from the RF deck.

My guess is that it is a BC-610-G, H or I (or T-213/GRC-26 made from one of those models), from the transformers. Which is too bad, as I have an F parts unit. Actually, the transformers from the F would work I think, but they are all round, not square like the later models.

On a related subject, there is also an O-39/TRA-7 exciter in another auction. I didn't go look at it, but although quite heavy, the O-39's make good companions to the BC-610 (for which they were built, of course).

73
Robert Downs
<RWDowns_WA5CAB@...>
Houston

# 1253. Re: [T-368_BC-610] BC-610 for auction on eBay

Yahoo group: T-368_BC-610
Date: 2002-05-01 19:13:01 UTC
From: James M. Walker
Topic: 1250  Message: 1253

Yes Robert,
I figured that also, the picture from the back is seriously lacking
in definition, I mentioned the rf deck as you can usually see the
brackets that hold the tuning units in place from that angle, and they
are not visible. WHat are you doing with your parts rig? I may have
a spare transformer (MOD) and also line in to PP 2A3 (driver), don't
remember if I have the 2A3 to 100TH grids transformer. However a real
serious project if you get the e-bay unit.

I bought a transmitter on E-bay where the seller said he had all the
tubes, after the auction ended I asked him to make sure the tubes were
packed carefully, he then chose to mention, they were NOT included
in the auction, just that he had them!!!

I make it an "H" or "I" model just dropped one off last weekend to a
friend, most of the "G" models had wrinkle finish not all. As for the
transformers, the mod deck transformers round or square will fit the
chassis the hole spacing is the same just the flanges on the round ones
line up and you need bolts not just washers and nuts to secure it to
the chassis.

I saw the O-39 listed, they did NOT have a picture posted, it is also
I believe listed as condition unknown. I have one for my E-model
which also has the Military Modification in it for 160, the transmitter
not the O-39.

I am always fascinated by the antics on E-bay!
73
Jim
WB2FCN
http://eshop1.chem.buffalo.edu

"Robert W. Downs" wrote:
>
> Message text written by "James M. Walker"
> >I took a look, the modulator deck has been denuded (Stripped). Looks
> like a portion of the RF deck (tuning unit area) also. No tubes at all
> on the "mod" deck, conjecture on the power supply as it is clipped in
> the area of the relays. Modulation transformer is also missing.
> <
>
> Jim,
>
> Well it's already over $300. Curious that the seller says that he has all
> of the tubes and that he doesn't mention that the modulator deck is
> partially stripped. The bias and exciter supplies seem to still be there,

> although home-made SS rectifiers appear to be plugged into the 5Z3 sockets.
> However, comparing the rear view photograph in the ad (which is seriously
> underexposed) with photos in the TM, I don't see anything missing from the
> RF deck.
>
> My guess is that it is a BC-610-G, H or I (or T-213/GRC-26 made from one of
> those models), from the transformers. Which is too bad, as I have an F
> parts unit. Actually, the transformers from the F would work I think, but
> they are all round, not square like the later models.
>
> On a related subject, there is also an O-39/TRA-7 exciter in another
> auction. I didn't go look at it, but although quite heavy, the O-39's make
> good companions to the BC-610 (for which they were built, of course).
>
> 73
> Robert Downs
> <RWDowns_WA5CAB@...>
> Houston

# 1254. Looking for T-368

Yahoo group: T-368_BC-610
Date: 2002-05-03 00:48:49 UTC
From: Jerry Kincade
Topic: 1254  Message: 1254

Serious buyer looking for clean, working T-368. Will be going to Dayton from Oklahoma City area with truck and three big helpers, could detour some if necessary, or meet at Dayton. If anybody is interested, please reply direct. Many thanks.
73, Jerry W5KP Mustang, OK

# 1255. Need Help with setting up BC-610

Yahoo group: T-368_BC-610
Date: 2002-05-04 18:45:50 UTC
From: Joe Falcone
Topic: 1255  Message: 1255

Hello: I have a BC-610F model, SN 232. It used to be owned by Vern Vern Van Valkenburg, W0VV.

I've had it for about two years, but it is still in the garage because we moved and I never set it up. Is there anyone on the list near Brighton, Michigan, who could help me get it going?

Thanks, Joe Falcone, N8TI.

[Non-text portions of this message have been removed]

# 1256. help

Yahoo group: T-368_BC-610
Date: 2002-05-05 00:28:45 UTC
From: Paul
Topic: 1256  Message: 1256

Hi Group,

Could someone tell me how to unsubsribe from this group. I have given up on finding a T368 in my area and no longer need daily mail form the group. I can't seem to find the unsubscribe info on the web.

Thansk all for the great posts over the last year.

Paul

# 1257. Re: [T-368_BC-610] help

Yahoo group: T-368_BC-610
Date: 2002-05-05 04:04:31 UTC
From: Jerry Kincade
Topic: 1256  Message: 1257

Paul, I'm beginning to know the feeling myself... Anyway, go to
http://help.yahoo.com/help/us/groups/groups-32.html
and follow the instructions there.

73, Jerry W5KP Mustang, Oklahoma (also still looking for a good T-368)

----- Original Message -----
From: "Paul" <radioboy@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Saturday, May 04, 2002 5:28 PM
Subject: [T-368_BC-610] help

> Hi Group,
>
> Could someone tell me how to unsubsribe from this group. I have given up
on
> finding a T368 in my area and no longer need daily mail form the group. I
> can't seem to find the unsubscribe info on the web.
>
> Thansk all for the great posts over the last year.
>
> Paul
>
>
>
>
>
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# 1258. T-368 For Sale

Yahoo group: T-368_BC-610
Date: 2002-05-05 02:35:48 UTC
From: redmenaced
Topic: 1258  Message: 1258

HA!!

Made you look!

Just kidding.

If you are frustrated in finding a T-368 for sale the best solution is to call your representative and senators and tell him/her to tell the military to stop crushing them!!

If you DON'T do this you will have a hard time finding ANY military surplus radio equipment in the very near future.

Anyone have a KWM-2A/FRC-93 for sale??

Has anyone even SEEN a KWM-2A for sale recently?? What was the price?

Here it was the big hero of the Desert Storm War, saved our butts bigtime, and NONE of them were surplussed out, they were CRUSHED!!!

Can't find a T-368? I saw stacks of them at Seneca Army Depot, and at Griffiss AFB,..... waiting to be CRUSHED!!

Are you wondering where the military stocks of spare parts went for the T-368's and R-390A's etc?

I can only guess,

Joe KG2CI

# 1259. Re: [T-368_BC-610] help

Yahoo group: T-368_BC-610
Date: 2002-05-05 07:00:06 UTC
From: GypsyFever -Richard A. Decker
Topic: 1256  Message: 1259

Have you guys tried putting a request to buy on the
"AM Window" ??. It took me over 1 year to shake one
loose from someone. There not given up freely. Be
prepaired to pay "TOP DOLLAR" and be prepaired to do
all the work in picking it up from a far distance.
Advertise like hell. Use Amateur Radio Trader,
Electric Radio Magazine, QST, Even the New York Times.
If your looking for an up and running unit insest you
see it in operation before you cut the deal to go and
get it. I had to do a 800 round mile trip to get mine,
but it was worth the effort in the long run.
Rich.. WA2TUM.
--- Jerry Kincade <w5kp@...> wrote:
> Paul, I'm beginning to know the feeling myself...
> Anyway, go to
> http://help.yahoo.com/help/us/groups/groups-32.html
> and follow the instructions there.
>
> 73, Jerry W5KP Mustang, Oklahoma (also still
> looking for a good T-368)
>
>
> ----- Original Message -----
> From: "Paul" <radioboy@...>
> To: <T-368_BC-610@yahoogroups.com>
> Sent: Saturday, May 04, 2002 5:28 PM
> Subject: [T-368_BC-610] help
>
>
> > Hi Group,
> >
> > Could someone tell me how to unsubsribe from this
> group. I have given up
> on
> > finding a T368 in my area and no longer need daily
> mail form the group. I
> > can't seem to find the unsubscribe info on the
> web.
> >
> > Thansk all for the great posts over the last year.
> >
> > Paul
> >
> >
> >

> >
> >
> > Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
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---
Do You Yahoo!?
Yahoo! Health - your guide to health and wellness
http://health.yahoo.com

# 1260. Re: [T-368_BC-610] help

Yahoo group: T-368_BC-610
Date: 2002-05-05 14:53:39 UTC
From: Tom Smith
Topic: 1256  Message: 1260

I ran my T-368-C on and off for nearly a year in the boatanchors, AM window and the T-368/BC-610 group. I got one reply that was well outside of driving range (Houston to west coast) and the crating/shipping is really out of the question for a nice transmitter that is worth $1000 or more before the shipping expenses. The point is, I've recently seen several wants for the T3 in my general area where the person has been looking for a long time. My ads must have been invisible or maybe just chance poor timing. I have a pending sale for my transmitter but they are out there. A jpeg of the T-3/BC-610 below:

www.hal-pc.org/~tsmith/T368_BC610.jpg

73
Tom N5AMA
----- Original Message -----
From: "GypsyFever -Richard A. Decker" <gypsyfever@...>
To: "Jerry Kincade" <w5kp@...>; <radioboy@...>;
<T-368_BC-610@yahoogroups.com>
Sent: Sunday, May 05, 2002 12:00 AM
Subject: Re: [T-368_BC-610] help

> Have you guys tried putting a request to buy on the
> "AM Window" ??. It took me over 1 year to shake one
> loose from someone. There not given up freely. Be
> prepaired to pay "TOP DOLLAR" and be prepaired to do
> all the work in picking it up from a far distance.
> Advertise like hell. Use Amateur Radio Trader,
> Electric Radio Magazine, QST, Even the New York Times.
> If your looking for an up and running unit insest you
> see it in operation before you cut the deal to go and
> get it. I had to do a 800 round mile trip to get mine,
> but it was worth the effort in the long run.
> Rich.. WA2TUM.
> --- Jerry Kincade <w5kp@...> wrote:
> > Paul, I'm beginning to know the feeling myself...
> > Anyway, go to
> > http://help.yahoo.com/help/us/groups/groups-32.html
> > and follow the instructions there.
> >
> > 73, Jerry W5KP Mustang, Oklahoma (also still
> > looking for a good T-368)
> >
> >
> > ----- Original Message -----
> > From: "Paul" <radioboy@...>
> > To: <T-368_BC-610@yahoogroups.com>

> > Sent: Saturday, May 04, 2002 5:28 PM
> > Subject: [T-368_BC-610] help
> >
> >
> > > Hi Group,
> > >
> > > Could someone tell me how to unsubsribe from this
> > group. I have given up
> > on
> > > finding a T368 in my area and no longer need daily
> > mail form the group. I
> > > can't seem to find the unsubscribe info on the
> > web.
> > >
> > > Thansk all for the great posts over the last year.
> > >
> > > Paul
> > >
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> > > Your use of Yahoo! Groups is subject to
> > http://docs.yahoo.com/info/terms/
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> _____
> Do You Yahoo!?
> Yahoo! Health - your guide to health and wellness
> http://health.yahoo.com
>
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> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
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>

# 1261. BC-614 manual wanted

Yahoo group: T-368_BC-610
Date: 2002-05-05 16:55:51 UTC
From: rbethman@comcast.net
Topic: 1261  Message: 1261

Hey Gang!

My first post to the group.

I've finally gotten my "Beastly" BC-610I, BC-614, and BC-939A.

My BC-614 was "generously" MFP'd - PRIOR to assembly. So it has a "nasty" tendency to get RF into it and NOT kill it through the bypass capacitors. I know I have to go "completely" through it from one end to the other and lift ground points and add a star washer to bite through the coating.

What I'm trying to find is an on-line copy of TM 11-5054. I have PDFs of -20P and 35P. I'd really like to find the TM that specifically applies to the BC-614-E, -F, -H and -I. The coverage in the BC-610 TM is abysmal.

Bob - N0DGN Craf-T-Bob (Because I love Hallicrafters!)
Apache(2), Mohawk(2), HT-32A, SX-99, SX-101 mk III, R-390A
EAC, R-390A Collins, DX-60 w/HG-10

[Non-text portions of this message have been removed]

# 1262. Re: [T-368_BC-610] BC-614 manual wanted

Yahoo group: T-368_BC-610
Date: 2002-05-05 18:00:22 UTC
From: Jack Taylor
Topic: 1261  Message: 1262

A choice of different schematics for the speech amp are at:

http://nj7p.org/cgi-bin/millist2?name=bc-614&mode=normal

I don't know of a source for an on-line manual.

73 de Jack

-----Original Message-----
From: rbethman@... <rbethman@...>
To: T-368_BC-610 <T-368_BC-610@yahoogroups.com>
Date: Sunday, May 05, 2002 9:55 AM
Subject: [T-368_BC-610] BC-614 manual wanted

>Hey Gang!
>
> My first post to the group.
>
> I've finally gotten my "Beastly" BC-610I, BC-614, and BC-939A.
>
> My BC-614 was "generously" MFP'd - PRIOR to assembly. So it has a
"nasty" tendency to get RF into it and NOT kill it through the bypass
capacitors. I know I have to go "completely" through it from one end to the
other and lift ground points and add a star washer to bite through the
coating.
>
> What I'm trying to find is an on-line copy of TM 11-5054. I have PDFs
of -20P and 35P. I'd really like to find the TM that specifically applies
to the BC-614-E, -F, -H and -I. The coverage in the BC-610 TM is abysmal.
>
>Bob - N0DGN Craf-T-Bob (Because I love Hallicrafters!)
>Apache(2), Mohawk(2), HT-32A, SX-99, SX-101 mk III, R-390A
>EAC, R-390A Collins, DX-60 w/HG-10
>
>
>
>[Non-text portions of this message have been removed]
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>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 1263. Re: [T-368_BC-610] BC-614 manual wanted

Yahoo group: T-368_BC-610
Date: 2002-05-05 21:04:11 UTC
From: f6fed
Topic: 1261  Message: 1263

Hello,

I've purchased this Manuel on a CD with many others Manuals from Philip MILLS in Texas.E-mail adress : plmills@.... Very fine CD.

73 from Oleron Island.

Henri-Paul F6FED

----- Original Message -----
From: <rbethman@...>
To: "T-368_BC-610" <T-368_BC-610@yahoogroups.com>
Sent: Sunday, May 05, 2002 6:55 PM
Subject: [T-368_BC-610] BC-614 manual wanted

> Hey Gang!
>
> My first post to the group.
>
> I've finally gotten my "Beastly" BC-610I, BC-614, and BC-939A.
>
> My BC-614 was "generously" MFP'd - PRIOR to assembly. So it has a "nasty" tendency to get RF into it and NOT kill it through the bypass capacitors. I know I have to go "completely" through it from one end to the other and lift ground points and add a star washer to bite through the coating.
>
> What I'm trying to find is an on-line copy of TM 11-5054. I have PDFs of -20P and 35P. I'd really like to find the TM that specifically applies to the BC-614-E, -F, -H and -I. The coverage in the BC-610 TM is abysmal.
>
> Bob - N0DGN Craf-T-Bob (Because I love Hallicrafters!)
> Apache(2), Mohawk(2), HT-32A, SX-99, SX-101 mk III, R-390A
> EAC, R-390A Collins, DX-60 w/HG-10
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

# 1264. Re: [T-368_BC-610] BC-614 manual wanted

Yahoo group: T-368_BC-610
Date: 2002-05-06 01:10:49 UTC
From: Joe Foley
Topic: 1261  Message: 1264

```
--- f6fed <f6fed@...> wrote:
> Hello,
>
> I've purchased this Manuel on a CD with many others
> Manuals from Philip
> MILLS in Texas.E-mail adress :
> plmills@.... Very fine CD.
>
> 73 from Oleron Island.
+++++++++
YES!!

That is a good CD.

Phil, advertise your work here!

Joe

__________________________________________________
Do You Yahoo!?
Yahoo! Health - your guide to health and wellness
http://health.yahoo.com
```

# 1265. Mil manual CD

Yahoo group: T-368_BC-610
Date: 2002-05-06 10:33:51 UTC
From: plmills@attglobal.net
Topic: 1265  Message: 1265

I produce a CD containing mil manuals for use on Windows PC's. The files are Adobe .pdf format and
can be viewed or printed. The CD is $10 which includes
first class postage in US (add $1 extra for Canada and
$2 for other international destinations). Anyone wanting
a CD can pay via PayPal, Billpoint, or mail a check
to me at:

Philip Mills
P.O. Box 1307
Friendswood, TX 77549-1307

Please be sure to include a note indicating that you want
the mil manual CD. The list below shows the contents:

acro-read.exe Adobe Acrobat reader 4.05 installation

AN-GRR-5.pdf TM 11-295, TO 16-30-GRR5-5, Radio Receiving
Set AN/GRR-5, 100+ pages with drawings and
schematics covering the R-174 receiver and
PU-308 power supply.

ARC5-man.pdf AN 16-30ARC5-2, "Handbook Maintenance
Instructions AN/ARC-5 LF MF HF Components".
Approximately 290 pages of pictures,
drawings, schematics, operation, and
maintenance information.

ARR41-501.pdf NAVAIR 16-30ARR41-501, Handbook Operation
Instructions Radio Receiving Set An ARR-41.
13 pages of operating info.

ARR41-502.pdf NAVWEPS 16-30ARR41-502, Handbook Service
Instructions Radio Receiving Set AN ARR-41.
90 plus pages including schematic and
service information.

ARR41-503.pdf NAVAER 16-30ARR41-503, Handbook Overhaul
Instructions Radio Receiving Set AN/ARR-41.
40 plus pages, incomplete.

ARR41-mag.pdf Several magazine articles covering the
modificatin and use of the ARR-41.

ART-13.pdf NAVWEPS 16-30ART13-5, Handbook Maintenance
Instructions Aircraft Radio Equipment AN/ART-13
Oscillator 0-17/ART-13A. The big one, over 350

pages of tuning charts, maintenance instructions,
drawings, and schematics.

BC-224A.pdf TO 08-10-24, Instruction Book for Radio Receiver
BC-224-A. RCA, 60 plus pages including schematics.

BC-312-342.pdf TM11-850, Radio Receivers BC-312, BC-342, BC-314,
and BC-344 (multiple versions of each). Includes
schematics and troubleshooting information.

BC-348J-N-Q.pdf Handbook of Maintenance Instructions for Radio
Receivers BC-348-J, BC-348-N and BC-348-Q,
79 pages plus schematics and diagrams.

BC-348E-M-P.pdf Instruction Book for Operation and Maintenance
of Radio Receivers BC-348-E, BC-348-M and
BC-348-P, 80 pages including schematics and
diagrams.

BC348-BC224-1.pdf AN 08-10-209, Handbook of Maintenance Instructions
for Radio Receivers BC-348-E/M/O/P/S and
BC-224-E/G/H/L. 80 plus pages with schematics and
diagrams.

BC348-BC224-2.pdf TO 12R2-eBC-112, Handbook of Maintenance Instructions
for Radio Receivers BC-224-F/K and BC-348-H/K/L/R.
80 plus pages with schematics and diagrams.

BC-375-E.pdf Instruction Book for Operation and Maintenance
of Radio Transmitter BC-375-E and Associated
Equipment, 88 pages including schematics and
diagrams.

BC-610-E-I.pdf TM11-826, TO 31R2-3SCR399-21, Radio Transmitters
BC-610-E,-F, -G, -H, -I and Radio Transmitter
T-213/GRC-26 and Antenna Tuning Units BC-939A
and -B, 150 plus pages including schematics
and changes C-1, C-5, and C-6.

BC-614.pdf TM11-5054, TO 16-40BC614-6, Speech Amplifier
BC-614-E,F,H, and I, 60 plus pages with schematics
and wiring diagrams.

BC-779-A_B.pdf TM11-866, Radio Receivers BC-779-A, -B,
BC-794-A, -B, BC-1004-B, -C, -D, and
R-129U. Power Supply Units RA-74-B, -C,
RA-84-A, -B, and RA-94-A. Radio Sets
SCR-2454-A, -B, SCR-704, and AN/FRR-4.
94 pages plus schematics, changes C1 and C2,
and April 1952 Supplement.

BC-1031-Pana.pdf TM11-446, Panoramic Adaptors BC-1031-A, BC-1031-B,
BC-1032-A, and BC-1032-B, 100 plus pages with

schematics

command_sets.pdf "Command Sets" by CQ Magazine - a compendium
of articles on modifying and using command sets.

conv-man-v1.pdf "Surplus Radio Conversion Manual - Volume 1",
120+ pages of conversion information and
schematics.

conv-man-v2.pdf "Surplus Radio Conversion Manual - Volume 2",
125+ pages of conversion information and
schematics.

conv-man-v3.pdf "Surplus Radio Conversion Manual - Volume 3",
80+ pages of conversion information and
schematics.

guide-to-ARC.pdf "A Users Guide to Aircraft Radio Corporation
Receivers" by M.W. Tauson. A thorough listing
of ARC transmitters and receivers, model numbers,
nomenclature, plugs and pin-outs. Over 45 pages
of great information.

I-177-man.pdf TM 11-2627, Tube Tester I-177. 57 pages of
operation, theory, and tube data plus changes
C-1 and C-3 which update it to cover the
-A and -B models.

index.txt this file.

index-to-surplus.pdf A 53 page index of articles appearing in QST and
CQ on utilizing or modifying military surplus
equipment.

ME-165g.pdf TM11-6625-333-15, Standing Wave Ratio Power
Meter ME-165/G

Mil-Hdbk-213A.pdf Military Handbook, Electron Tubes, Cross Index
and Type Identification.

R274-FRR.pdf TM11-897, Radio Receiver R274/FRR, 104 pages with
schematics. (SX-73)

R390-maint.pdf TM11-5820-357-35, Field and Depot Maintenance
Manual Radio Receiver R390/URR, 213 pages.

R390-A-maint.pdf TM11-5820-358-35, Field and Depot Maintenance
Manual, Radio Receiver R390A/URR, 212 pages.

R391-maint.pdf TM11-863, Instruction Book for Radio Receiver
R391/URR, 308 pages.

R392-maint.pdf TM11-858, Instruction Book for Radio Receiver
R392/URR, 232 pages.

SCR-211.pdf TM11-300, TO16-40SCR211-5, Frequency Meter Sets
SCR-211-A, B, C, D, E, F, J, K, L, M, N, O, P, Q,
R, T, AA, AC, AE, AF, AG, AH, AJ, AK, AL. 161 pages
including schematics and diagrams.

SP600-JX.pdf General Purpose Communications Receiver Model SP-600-JX
and SP-600-J, May 1966 repring of Issue 7, May 1956,
Hammarlund Manufacturing Company, 40 pages including
schematics and drawings.

SRR-11-13.pdf Navships 91875(A), Instruction Book for Radio
Receiving Sets AN/SRR-11, AN/SRR-12, AN/SRR-13.
The big one, several hundred pages of information,
diagrams, and schematics. October 1953 manual
with change 1 dated August 1956.

t195-maint.pdf TM11-806, TO 31R2-2GRC19-11, Radio Transmitter
T-195/GRC-19, field maintenance manual, 190 pages.

t195-schem.pdf Schematics accompanying above TM11-806.

t195-oper.pdf TM11-5820-295-10, Operators Manual Radio Set
AN/GRC-19, 48 pages.

t368-dep-maint.pdf TM11-809-35, TO 31R2-2URT-134, Radio Transmitters
T368/URT....And Antenna Tuning Unit BC-939B
Field and Depot Maintenance. Has changes C1, C2,
C3, and C5 and covers through the T368E model.

t368-oper.pdf TM11-809-10, TO 31R2-2URT-121, Radio Transmitters
T368/URT Operator's Manual. With addenda to
cover T368 through T368E.

t368-org-maint.pdf TM11-809-20, TO 31R2-2URT-124, Organizational
Maintenance Radio Transmitters T368 through
T368C, with changes C1 and C4

TM-11-310-schem.pdf TM11-310, Schematic Diagrams for Maintenance of
Ground Radio Communication Sets. 1943 manual with
over 200 pages of service data and schematics for
radios BC-148 to BC-1000, power units BC-92-B to
PE-117C, radio sets SCR-177-B to SCR-828.

TMC-GPT-750.pdf NAVSHIPS 0967-214-5010, Technical Manual for Radio
Transmitter Models GPT-750F-2, GPT-750G-2, and
GPT-750H-2. Also includes the SBE-8/9/10 exciter.

TV-2-suppl.pdf TV-2 supplemental tube test data.

TV-2-man.pdf TM11-6625, 66 pages covering operation
and maintenance of the TV-2 tube tester.

TV-7-man.pdf TM11-5083, Electron Tube Test Set TV-7/U,
86 pages covering operatin and maintenance

of the TV-7 tube tester.

urm-25d.pdf Navships 92134A, Instruction Book for RF Signal Generator Set AN/URM-25D

----- Original Message -----
From: Joe Foley
To: T-368_bc-610@yahoogroups.com
Sent: Sunday, May 05, 2002 8:10 PM
Subject: Re: [T-368_BC-610] BC-614 manual wanted

--- f6fed <f6fed@...> wrote:
> Hello,
>
> I've purchased this Manuel on a CD with many others
> Manuals from Philip
> MILLS in Texas.E-mail adress :
> plmills@.... Very fine CD.
>
> 73 from Oleron Island.
+++++++++
YES!!

That is a good CD.

Phil, advertise your work here!

Joe

_____
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http://health.yahoo.com

Yahoo! Groups Sponsor
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[Non-text portions of this message have been removed]

# 1266. Re: [Milsurplus] BC-610E available

Yahoo group: T-368_BC-610
Date: 2002-05-06 22:19:05 UTC
From: Joe Foley
Topic: 1266  Message: 1266

All right!!

Here is a BC-610 for sale, go get it, don't let it get
away!

Joe

--- Bill Strangfeld <bstrang@...> wrote:
>
> A friend without web access has a BC-610E available.
> It looks good with
> no extra holes and pretty good paint. Some tubes
> are missing and only a
> few tuning units and coils go with it but all the
> transformers are there.
> He's asking $350. It's in Cincinnati and pickup
> only. If you're going to
> Dayton it's about an hour away. Contact me if
> there's interest or you
> have questions and I will relay to him. We probably
> can come up with
> digital pictures. It came from an estate so the
> electrical condition is
> unknown.
>
> Bill W8FIX
> bstrang@...
>
>
>
> _____
> Milsurplus mailing list
> Milsurplus@...
> http://mailman.qth.net/mailman/listinfo/milsurplus

_____
Do You Yahoo!?
Yahoo! Health - your guide to health and wellness
http://health.yahoo.com

# 1267. Need rear cover for BC-610-E

Yahoo group: T-368_BC-610
Date: 2002-05-06 22:46:48 UTC
From: Robert W. Downs
Topic: 1267  Message: 1267

Groups,

I need a rear cover for a BC-610-E. One from a -D or earlier might work, but it has been too many years since I used one of the early sets to remember for sure. I know that the ones from the -F and later will not work (I have an F and had three T-213/GRC-26's).

73
Robert Downs
<RWDowns_WA5CAB@...>
Houston

# 1268. HT-4I really a BC610?

Yahoo group: T-368_BC-610
Date: 2002-05-07 00:06:13 UTC
From: Tom Mackie
Topic: 1268  Message: 1268

Does anyone know the history behind the HT-4i nomenclature?
I have just gotten a transmitter that looks like a BC-610i but the plate says HT-4i serial # 10 from Hallicrafters . Also the speech amp is labeled HT5G rather than the usual BC-614. Both seem to be post-war.

What was the story behind these labels not saying BC610?

73
Tom
W2ILA

# 1269. Re: [T-368_BC-610] HT-4I really a BC610?

Yahoo group: T-368_BC-610
Date: 2002-05-07 01:03:09 UTC
From: w7qho@aol.com
Topic: 1269  Message: 1269

In a message dated 5/6/02 5:09:22 PM, tom_mackie@... writes:

>Does anyone know the history behind the HT-4i nomenclature?
>I have just gotten a transmitter that looks like a BC-610i but the plate
>says HT-4i serial # 10 from Hallicrafters . Also the speech amp is labeled
>HT5G rather than the usual BC-614. Both seem to be post-war.

Tom,

A check of the advertising section of the 1946 Radio Amateur's Handbook reveals a Hallicrafters advertisement for the HT-4E and companion HT-5E speech amp. The "i" and "G" may have been commercial models that came along later.

Dennis D. W7QHO
Glendale, CA

# 1270. BC610-E

Yahoo group: T-368_BC-610
Date: 2002-05-07 05:36:42 UTC
From: jerry
Topic: 1270  Message: 1270

Were all the 610's equiped with the brass screen air filters and the blower mounted in the rear cover, also all vents covered thanks jerry KR4BR

[Non-text portions of this message have been removed]

# 1271. Re: [T-368_BC-610] HT-4I really a BC610?

Yahoo group: T-368_BC-610
Date: 2002-05-07 13:46:39 UTC
From: tbigelow@pop.state.vt.us
Topic: 1269  Message: 1271

Tom -

This is some very vague information I received from another ham, but hopefully it will help explain.

Seems that Hallicrafters made some 10 special production later model HT-4s for MARS use in the 50's sometime. I don't recall what the designation was since I didn't take notes, but the next time I see Bill(he lives in Maine), I'll ask him again. He was relaying the info to me after I was given an HT-4 carcass out in Colorado of the later design. He said these late HT-4s are quite rare, but even if it isn't one of these 10, it would seem to indicate that Halli did indeed make more commercial HT-4s after the war. I almost remember seeing an ad in an old QST or Radio News showing the later style and calling it the HT-4.

Hope this helps. Nothing tremendously concrete, but at least an indication of later non-military models being produced.

73 de Todd/'Boomer' KA1KAQ

Tom Mackie wrote:

> Does anyone know the history behind the HT-4i nomenclature?
> I have just gotten a transmitter that looks like a BC-610i but the plate
> says HT-4i serial # 10 from Hallicrafters . Also the speech amp is labeled
> HT5G rather than the usual BC-614. Both seem to be post-war.
>
> What was the story behind these labels not saying BC610?
>
> 73
> Tom
> W2ILA

# 1272. Re: [T-368_BC-610] HT-4I really a BC610?

Yahoo group: T-368_BC-610
Date: 2002-05-07 14:10:15 UTC
From: George Morton
Topic: 1269  Message: 1272

Attached pix of HT-4
----- Original Message -----
From: <tbigelow@...>
To: "Tom Mackie" <tom_mackie@...>
Cc: "'T368 reflector'" <T-368_BC-610@yahoogroups.com>
Sent: Tuesday, May 07, 2002 6:46 AM
Subject: Re: [T-368_BC-610] HT-4I really a BC610?

> Tom -
>
> This is some very vague information I received from another ham, but hopefully
> it will help explain.
>
> Seems that Hallicrafters made some 10 special production later model HT-4s for
> MARS use in the 50's sometime. I don't recall what the designation was since I
> didn't take notes, but the next time I see Bill(he lives in Maine), I'll ask him
> again. He was relaying the info to me after I was given an HT-4 carcass out in
> Colorado of the later design. He said these late HT-4s are quite rare, but even
> if it isn't one of these 10, it would seem to indicate that Halli did indeed
> make more commercial HT-4s after the war. I almost remember seeing an ad in an
> old QST or Radio News showing the later style and calling it the HT-4.
>
> Hope this helps. Nothing tremendously concrete, but at least an indication of
> later non-military models being produced.
>
> 73 de Todd/'Boomer' KA1KAQ
>
> Tom Mackie wrote:
>
> > Does anyone know the history behind the HT-4i nomenclature?
> > I have just gotten a transmitter that looks like a BC-610i but the plate
> > says HT-4i serial # 10 from Hallicrafters . Also the speech amp is labeled
> > HT5G rather than the usual BC-614. Both seem to be post-war.
> >
> > What was the story behind these labels not saying BC610?

> >
> > 73
> > Tom
> > W2ILA
>
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[Non-text portions of this message have been removed]

# 1273. Re: [T-368_BC-610] HT-4I really a BC610?

Yahoo group: T-368_BC-610
Date: 2002-05-07 14:21:33 UTC
From: rbethman@comcast.net
Topic: 1269  Message: 1273

George,

Could you send me a copy direct?

Bob - N0DGN

----- Original Message -----
From: "George Morton" <n7hr@...>
To: <tbigelow@...>; "Tom Mackie" <tom_mackie@...>
Cc: "'T368 reflector'" <T-368_BC-610@yahoogroups.com>
Sent: Tuesday, May 07, 2002 10:10 AM
Subject: Re: [T-368_BC-610] HT-4I really a BC610?

> Attached pix of HT-4
> ----- Original Message -----
> From: <tbigelow@...>
> To: "Tom Mackie" <tom_mackie@...>
> Cc: "'T368 reflector'" <T-368_BC-610@yahoogroups.com>
> Sent: Tuesday, May 07, 2002 6:46 AM
> Subject: Re: [T-368_BC-610] HT-4I really a BC610?
>
>
> > Tom -
> >
> > This is some very vague information I received from another ham, but
> hopefully
> > it will help explain.
> >
> > Seems that Hallicrafters made some 10 special production later model
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> for
> > MARS use in the 50's sometime. I don't recall what the designation was
> since I
> > didn't take notes, but the next time I see Bill(he lives in Maine), I'll
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> > again. He was relaying the info to me after I was given an HT-4 carcass
> out in
> > Colorado of the later design. He said these late HT-4s are quite rare,
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> even
> > if it isn't one of these 10, it would seem to indicate that Halli did
> indeed
> > make more commercial HT-4s after the war. I almost remember seeing an ad
> in an
> > old QST or Radio News showing the later style and calling it the HT-4.
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> > Hope this helps. Nothing tremendously concrete, but at least an
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> of
> > later non-military models being produced.
> >
> > 73 de Todd/'Boomer' KA1KAQ
> >
> > Tom Mackie wrote:
> >
> > > Does anyone know the history behind the HT-4i nomenclature?
> > > I have just gotten a transmitter that looks like a BC-610i but the
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> > > says HT-4i serial # 10 from Hallicrafters . Also the speech amp is
> labeled
> > > HT5G rather than the usual BC-614. Both seem to be post-war.
> > >
> > > What was the story behind these labels not saying BC610?
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> > > 73
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# 1274. Now what are the chances of .....

Yahoo group: T-368_BC-610
Date: 2002-05-08 01:15:46 UTC
From: rbethman@comcast.net
Topic: 1274  Message: 1274

Hey gang!

How frequently are OC-39 (BC-610) VFOs located? Are there schematics on these things? Maybe I can homebrew one....

Bob - N0DGN Craf-T-Bob (Because I love Hallicrafters!)
Apache(2), Mohawk(2), HT-32A, SX-99, SX-101 mk III, R-390A
EAC, R-390A Collins, DX-60 w/HG-10, BC-610I, BC-939A

[Non-text portions of this message have been removed]

# 1275. HT-4 stuff

Yahoo group: T-368_BC-610
Date: 2002-05-08 01:55:41 UTC
From: redmenaced
Topic: 1275  Message: 1275

http://www.qsl.net/la5ki/ht.htm

Then from the AM Window BBS
(http://www.amwindow.org/wwwboard/wwwboard.html):

Tom,
To my knowledge the last HT-4 was designated the HT4-I in 1953. There were only a few made. The HT4-H was produced in 1952. That's about all the information I have at the present time. It's interesting to find out that series transmitter was produced for about 15 years.
Hope this helps.
73 de Joe N3IBX

Not much to go on yet.

Joe

# 1276. BC-610 on Ebay, (no modulator)

Yahoo group: T-368_BC-610
Date: 2002-05-08 02:00:16 UTC
From: redmenaced
Topic: 1276  Message: 1276

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=1351254184

# 1277. Re: [T-368_BC-610] Now what are the chances of .....

Yahoo group: T-368_BC-610
Date: 2002-05-08 02:16:43 UTC
From: Tom Smith
Topic: 1274  Message: 1277

A dynamite little vfo can be made using the pto of a T-195. No rocket science but basically build a small regulated supply around the pto, provide slow rate tuning such as a National Velvet dial and you are off to the races. Very stable and plenty of drive using coax and a old xtal plugged right into the tuning unit socket. Got a picture on line if interested. Can't see the on-off switch, pilot light or National Velvet but it's there.

www.hal-pc.org/~tsmith/hbvfo_2.jpg

73 Tom N5AMA

----- Original Message -----
From: <rbethman@...>
To: "T-368_BC-610" <T-368_BC-610@yahoogroups.com>
Sent: Tuesday, May 07, 2002 6:15 PM
Subject: [T-368_BC-610] Now what are the chances of ......

> Hey gang!
>
> How frequently are OC-39 (BC-610) VFOs located? Are there schematics on these things? Maybe I can homebrew one....
>
> Bob - N0DGN Craf-T-Bob (Because I love Hallicrafters!)
> Apache(2), Mohawk(2), HT-32A, SX-99, SX-101 mk III, R-390A
> EAC, R-390A Collins, DX-60 w/HG-10, BC-610I, BC-939A
>
>
>
> [Non-text portions of this message have been removed]
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# 1278. Re: [T-368_BC-610] Now what are the chances of .....

Yahoo group: T-368_BC-610
Date: 2002-05-08 02:25:40 UTC
From: Jack Taylor
Topic: 1274  Message: 1278

I know many use external VFOs of various types on the BC-610, but has anyone attempted to stabilize the existing VFO in the tuning unit?

73 de Jack

----- Original Message -----
From: Tom Smith <tsmith@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Tuesday, May 07, 2002 7:16 PM
Subject: Re: [T-368_BC-610] Now what are the chances of ......

> A dynamite little vfo can be made using the pto of a T-195. No rocket
> science but basically build a small regulated supply around the pto,
provide
> slow rate tuning such as a National Velvet dial and you are off to the
> races. Very stable and plenty of drive using coax and a old xtal plugged
> right into the tuning unit socket. Got a picture on line if interested.
> Can't see the on-off switch, pilot light or National Velvet but it's
there.
>
> www.hal-pc.org/~tsmith/hbvfo_2.jpg
>
> 73 Tom N5AMA
>
>
> ----- Original Message -----
> From: <rbethman@...>
> To: "T-368_BC-610" <T-368_BC-610@yahoogroups.com>
> Sent: Tuesday, May 07, 2002 6:15 PM
> Subject: [T-368_BC-610] Now what are the chances of ......
>
>
> > Hey gang!
> >
> > How frequently are OC-39 (BC-610) VFOs located? Are there schematics on
> these things? Maybe I can homebrew one....
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> > Bob - N0DGN Craf-T-Bob (Because I love Hallicrafters!)
> > Apache(2), Mohawk(2), HT-32A, SX-99, SX-101 mk III, R-390A
> > EAC, R-390A Collins, DX-60 w/HG-10, BC-610I, BC-939A
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> > [Non-text portions of this message have been removed]
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# 1279. HT-4-I

Yahoo group: T-368_BC-610
Date: 2002-05-08 12:53:48 UTC
From: k5jv
Topic: 1279  Message: 1279

Greetings to all,

The original Hallicrafters transmitter was the HT-4. With the advent of WW-II, the military took the HT-4 and produced it as the BC-610. The models went through A,B,C,D, E,F,G,H,&I. Certain models were converted to the T-213. After the war, Hallicrafters resumed civilian production as the HT-4-I because the "I" model was what they were tooled up for.

In my library of manuals, I have very late (Green) HT-4-I/HT-5-I manual. It clearly shows that the after-war model of the HT-4 was simply a BC-610-I with an HT-4-I name plate.

73 de Lon Cottingham, K5JV

# 1280. Re: [T-368_BC-610] Now what are the chances of .....

Yahoo group: T-368_BC-610
Date: 2002-05-08 13:52:32 UTC
From: James M. Walker
Topic: 1274  Message: 1280

I feel I must chime in here, so here goes. The VFO is as
Stable as a BC-221 if operated properly! The problem is
NOT the VFO, mainly the problem is the AC MAINS,
as in the input to the transmitter. The vfo will usually not
move around once the unit has come up to a stable temp.

The AC mains has to be a 115-120 30 ampere service
I have investigated this and nothing else works better.
I use a Variac in the mains line to the transmitter, read
auto-transformer, set the voltage to 115 V.A.C. then follow the procedures
in the MANUAL for setting the
BC-610 to frequency, check the frequency with a
counter. wait twenty minutes and check it again readjust accordingly.

If when you go to full power output (XMIT) and the filament voltmeter drops
from the 5.0 volt setting then
you AC in line is sagging and MUST be corrected. When
operating CW it is best to have the AC input to the Plate HV transformer on
a separate variac that will eliminate
chirp when keying the transmitter in CW mode and moves
the AC input to the low voltage supplies to a stable source, and NO drift No
chirp no movement of freq.
except intentionally.

There are several foreign broadcasters that use these transmitters STILL and
they are not XTAL controlled
but still very stable, in AM mode, and run 24/7

Jim
WB2FCN
"Do it once, Do it right, or Don't do it"

-
---- Original Message -----
From: "Jack Taylor" <n7oo@...>
To: <T-368_BC-610@yahoogroups.com>; "Tom Smith" <tsmith@...>
Sent: Tuesday, May 07, 2002 10:25 PM
Subject: Re: [T-368_BC-610] Now what are the chances of ......

> I know many use external VFOs of various types on the BC-610, but has
anyone
> attempted to stabilize the existing VFO in the tuning unit?
>
> 73 de Jack
>
> ----- Original Message -----

> From: Tom Smith <tsmith@...>
> To: <T-368_BC-610@yahoogroups.com>
> Sent: Tuesday, May 07, 2002 7:16 PM
> Subject: Re: [T-368_BC-610] Now what are the chances of ......
>
>
> > A dynamite little vfo can be made using the pto of a T-195. No rocket
> > science but basically build a small regulated supply around the pto,
> provide
> > slow rate tuning such as a National Velvet dial and you are off to the
> > races. Very stable and plenty of drive using coax and a old xtal plugged
> > right into the tuning unit socket. Got a picture on line if interested.
> > Can't see the on-off switch, pilot light or National Velvet but it's
> there.
> >
> > www.hal-pc.org/~tsmith/hbvfo_2.jpg
> >
> > 73 Tom N5AMA
> >
> >
> > ----- Original Message -----
> > From: <rbethman@...>
> > To: "T-368_BC-610" <T-368_BC-610@yahoogroups.com>
> > Sent: Tuesday, May 07, 2002 6:15 PM
> > Subject: [T-368_BC-610] Now what are the chances of ......
> >
> >
> > > Hey gang!
> > >
> > > How frequently are OC-39 (BC-610) VFOs located? Are there schematics
on
> > these things? Maybe I can homebrew one....
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> > > Bob - N0DGN Craf-T-Bob (Because I love Hallicrafters!)
> > > Apache(2), Mohawk(2), HT-32A, SX-99, SX-101 mk III, R-390A
> > > EAC, R-390A Collins, DX-60 w/HG-10, BC-610I, BC-939A
> > >
> > >
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# 1281. vfo

Yahoo group: T-368_BC-610
Date: 2002-05-08 14:32:12 UTC
From: k5jv
Topic: 1281  Message: 1281

Greetings to all,

I have a O-39C VFO for the BC-610 in very good condition, in original case, available for $350 plus packing and shipping. I can deliver this unit to Dayton, Manassas and return to Texas next week. I can deliver this unit to Montana, Oregon, California, and back to Texas in July or August. The Unit looks good. It has been in storage for several years.

73 de Lon Cottingham, K5JV

# 1282. Re: [T-368_BC-610] HT-4-I

Yahoo group: T-368_BC-610
Date: 2002-05-08 15:21:29 UTC
From: w7qho@aol.com
Topic: 1279  Message: 1282

In a message dated 5/8/02 5:49:59 AM, k5jv@... writes:

> After the war,
>Hallicrafters resumed civilian production as the HT-4-I because the "I"
>model was what they were tooled up for.

The Halllicrafters advertisement in the 1946 handbook describes an HT-4E.
The "I" apparently came along later. I wonder if there were F, G and H models
too tracking the BC-610 models produced during the post-War period?

Dennis D. W7QHO
Glendale, CA

# 1283. VFO/powerlines

Yahoo group: T-368_BC-610
Date: 2002-05-08 16:49:52 UTC
From: jerry
Topic: 1283  Message: 1283

Gee, I thought I may have over did it with. When I built my shack I wired a special 50 amp 120 volt outlet for my 610, jerry

[Non-text portions of this message have been removed]

# 1284. Re: [T-368_BC-610] VFO/powerlines

Yahoo group: T-368_BC-610
Date: 2002-05-08 17:05:14 UTC
From: James M. Walker
Topic: 1283  Message: 1284

Hey and I bet your VFO is indeed very stable! Good choice.
Jim
WB2FCN

jerry wrote:
>
> Gee, I thought I may have over did it with. When I built my shack I wired a special 50 amp 120 volt outlet for my 610, jerry
>
> [Non-text portions of this message have been removed]
>
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# 1285. BC-610 on 160 meters.

Yahoo group: T-368_BC-610
Date: 2002-05-08 18:26:46 UTC
From: f6fed
Topic: 1285  Message: 1285

Hello,

With the frequency conversion kit MC-509, working on 1.8 MHz is possible
for the BC-610.

The modification of Radio-Transmitter BC-610 is unsolder one end of
resistor
R9. Unsolder and resolder at each frequency change is very difficult.

Has anyone knowledge it is possible to make this resistor "plug-in-unit" ?

Many thanks for help.

Also I'm needing the TU-61.

73.

Henri-Paul F6FED

# 1286. powerlines

Yahoo group: T-368_BC-610
Date: 2002-05-08 22:25:55 UTC
From: W2ZR@aol.com
Topic: 1286  Message: 1286

<<Gee, I thought I may have over did it with. When I built my shack I wired a special 50 amp 120 volt outlet for my 610, jerry>>

Can't over do it! It would be like having too much money.

73,
Steve W2ZR

# 1287. VFO

Yahoo group: T-368_BC-610
Date: 2002-05-09 00:15:54 UTC
From: k5jv
Topic: 1287  Message: 1287

Greetings to all,

Thanks for all the action on the O-39C VFO/Keyer. It now has a new home and I hope will soon be in use again on the air.

The best external VFO that I have ever used with the BC-610 is a slightly modified T-368 tuning unit. They are readily available and work great. I built mine into a Collins "S" Line cabinet. It looks great, works great, and is small enough to fit just about anywhere. I used a regular wood cutting router to shape the new 1/8" thick aluminum front paned. Nothing to it. Paint it black and most folks will think it is original BC-610 something-or-other. Leave it original (you must paint the new front panel, of course) and most folks will think that you have some wonderful, rear piece of Collins equipment that they have never seen before. At any rate, it works great from 160 meters up to the end of your imagination or the 610's capability.

The real question that comes to my mind is why go to all the trouble to use an external VFO when the original Master Oscillator works very well just as it is, if you have sufficient 115 VAC power line regulation. Most household 115 VAC circuits are wired with #14 wire and are rated at a max load of no more than a 15 amps. With age, normal wear and tear on the plugs and wiring, you will lucky to be able draw 10 amps without a noticeable sag in voltage. Take a little time and wire in a decent 35-50 amp circuit to run your BC-610, or other Boat Anchor Transmitter from. My advice is to use the largest wire that you can afford, #8 or #6 is my suggestion. When someone complains about a little drift or slight warble on my signal, I tell them to turn off their BFO and listen to AM the way it was intended to be listened to. The complaints invariably stop. True, some MO's drift more than others, just find one that is acceptably stable. Where is the logic in expecting a 1930 design to have the stability of a 2000 model? I use the MO on my T-213 on 3880 MHz regularly. I do not think the control has been touched in years. Use the old equipment as it is and enjoy it! Also, since AM is usually a one frequency operation (in most areas), there is nothing wrong with crystal control. Crystals are usually free or can be picked up at most ham Fests for a few bucks. Blank crystal holders are available, I have some. Find a crystals just below the desired frequency, get a couple of them (in case you make a mistake), some tooth powder, and simply rub it up to your desired frequency. This was common practice when I became a ham. Today, it is almost a lost art -- I think that is a shame, but I am old fashioned.

73 de Lon Cottingham, K5JV

# 1288. [T-368_BC-610] HT-4I really a BC610?

Yahoo group: T-368_BC-610
Date: 2002-05-10 14:30:31 UTC
From: Robert W. Downs
Topic: 1269  Message: 1288

Tom & Group,

Took me a few days to confirm the letters, but another collector that I know (and not on this list) had until recently an HT-4H, also with an HT-5G. He says that the original manual that he also had matched the letters (H & G). I think I've seen another HT-5G here locally. Has anyone ever seen an HT-5F, H or I?

An interesting bit of trivia is that I have never come across a TM covering a BC-614-G. TM 11-4043 covers the A through the F. And TM 11-5054 covers the E, F, H and I.

>I have just gotten a transmitter that looks like a BC-610i but the plate says HT-4i serial # 10 from Hallicrafters . Also the speech amp is labeled
HT5G rather than the usual BC-614. Both seem to be post-war.
<

73
Robert Downs
<RWDowns_WA5CAB@compuserve.com>
Houston

# 1289. Manuals

Yahoo group: T-368_BC-610
Date: 2002-05-10 22:50:35 UTC
From: Lloyd
Topic: 1289  Message: 1289

My TM 11-826 covers the BC-610-E-F-G-H-I and T213/GRC-26 and BC-939A/B.
Lloyd Wm Godsey KK7IZ
1315 N. Udall Circle
Mesa, Az 85203

480-495-5456 (cell)

kk7iz@...

---

Checked by AVG anti-virus system (http://www.grisoft.com).
Version: 6.0.351 / Virus Database: 197 - Release Date: 4/19/02

# 1290. BC-939

Yahoo group: T-368_BC-610
Date: 2002-05-11 23:45:09 UTC
From: k5jv
Topic: 1290  Message: 1290

Greetings to all,

I have one BC-939B Antenna tuning unit remaining. It is dirty. It appears to be complete and undamaged. It has both vacuum capacitors. I will be glad to deliver this unit to Dayton, Manassas, Philadelphia and return to Houston for $175.00 (anywhere within reason along the way). I am looking for a BC 729 antenna tuning unit to go with my "E" model BC-610. Cash or trade.

73 de Lon Cottingham, K5JV
281-358-4207
281-433-7532 Cell

# 1291. Re: [T-368_BC-610] BC-939

Yahoo group: T-368_BC-610
Date: 2002-05-12 00:27:26 UTC
From: Dan
Topic: 1290  Message: 1291

Hey Lon,

The BC-939-A or B IS the correct tuner for the 610-E. The 729
was a real piece of crap, used in the SCR299 with the 610-b, c, d.
The 729 only covers 2-8mc whereas the BC-939-A or B covers 2 -18mc
to match the extended coverage of the 610-E and later. The 729 is
essentially a "Collector item" . A 610-E would need to be Drilled
"ARRRRGHH" to properly mount a 729. Please refer to the SCR-399/499
TM for the complete manifest for the SCR-399 which used the 610-E and
later models. Pieces parts of my SCR-499 and a photo of the MC-269
table restoration with Equipment's are visible on my web page at

http://www.ameritech.net/users/dharlan/dans.htm

I now have a scanner and will work on putting up pix of
a restored BC-610-C with the BC-729. But trust me, If you have
a 939, you don't want a 729. Of course if your longing to see arc's
flashovers, corona and smoke then the 729 will fill the bill!

GL
Dan

k5jv wrote:
>
> Greetings to all,
>
> I have one BC-939B Antenna tuning unit remaining. It is dirty. It
> appears to be complete and undamaged. It has both vacuum capacitors. I
> will be glad to deliver this unit to Dayton, Manassas, Philadelphia and
> return to Houston for $175.00 (anywhere within reason along the way). I am
> looking for a BC 729 antenna tuning unit to go with my "E" model BC-610.
> Cash or trade.
>
> 73 de Lon Cottingham, K5JV
> 281-358-4207
> 281-433-7532 Cell
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 1292. stuff others are selling

Yahoo group: T-368_BC-610
Date: 2002-05-13 17:30:36 UTC
From: W2ZR@aol.com
Topic: 1292  Message: 1292

Hi Gang,
For those of you who don't subscribe to Electric Radio, there are a couple of advertisements that may be of interest to the group. Please don't respond to me. I'm including all the available info right here.

BC-610E with two coils, five tuning units, BC-614I AM unit and manual. Contact Rober Klingman K0RMK mrhistry@...

Parts T-368 pwr supply and modulator Chuck Felton 307-322-5858 (Wyoming) feltoned@...

73,
Steve W2ZR

# 1293. hello

Yahoo group: T-368_BC-610
Date: 2002-05-14 23:15:17 UTC
From: jerry
Topic: 1293  Message: 1293

Everybody, Still looking for a original connector for my 610 ac cord. Has anyone seen a CD-763? I am going to shake the bushes before I giveup and order one from georgia(that don't quite fit) I got the 614 going also was able to locate a TM11-5054 in mint cond while looking for a connector. I need a 40 meter tank coil and a 20 meter tuneing box, I have a spare 20 meter coil. wanted to setup for 20 / 40 and 75 meters. their is 40 meter action in our area (daytime) 75 at night not so good I can hear a few of the Atlanta guys some nights but my valiant don't quite getit. Guess I'll keep looking, I have raised the dust from here to london. 73s jerry

[Non-text portions of this message have been removed]

# 1294. Virus

Yahoo group: T-368_BC-610
Date: 2002-05-15 02:04:25 UTC
From: Tom Lutz
Topic: 1294  Message: 1294

I received this from my brother and I did in fact have this virus in my computer. Do as indicated below to take care of it.

Sorry for the inconvenience.

Tom

---

I received this message from a friend in Fla. I checked and I had the virus.
Please follow the directions. I deleted it from my computer, but it must have spread to all of you. If I got it from her than you got it from me. SORRY.

You are receiving this memo because you are in my address book and my address
book got a virus named jdbgmgr.exe. This virus is not detected by Norton or McAfee antivirus systems. I am told by the person who gave it to me that the
virus stays quiet for 14 days before damaging the system. It is sent automaticallly by the address book, whether or not you send e-mails to your contacts. The note sent to my friend was dated the 13th of May.

1. Go to start then hit the FIND option.
2. In the files/folder option, write the name "jdbgmgr.exe" (without the " marks)
3. Click "find now"
4. The virus has a little bear icon with the name jdbgmgr.exe DO NOT OPEN IT!
5. RIGHT CLICK AND DELETE IT!
6. Go to your Recycle bin and DELETE it from there.

If you find the virus in your computer you must contact all the people in your address book so that they can eradicate it in their own address book and
forward the message to their contacts.

The reason I am contacting you is that I found it on my computer and I have readicated it. If you find on yours you will have to do the same as I have done.

Sorry about all this but better safe than sorry!

Frank Rudolph

# 1295. Virus Notice Is A Hoax!

Yahoo group: T-368_BC-610
Date: 2002-05-15 02:05:50 UTC
From: Bill Marx
Topic: 1295  Message: 1295

The virus notice is a hoax!

Bill W2CQ

# 1296. virus

Yahoo group: T-368_BC-610
Date: 2002-05-15 02:21:00 UTC
From: jerry
Topic: 1296  Message: 1296

I fell for that one already don't do anything . just delete the message, if you follow the instructions you will delete the debug file from java. I did it and had to replace it.
Jerry

[Non-text portions of this message have been removed]

# 1297. Re: [T-368_BC-610] Virus

Yahoo group: T-368_BC-610
Date: 2002-05-15 02:29:02 UTC
From: W2ZR@aol.com
Topic: 1294  Message: 1297

this is, of course, a hoax dont do it!

# 1298. Virus Hoax

Yahoo group: T-368_BC-610
Date: 2002-05-15 14:13:32 UTC
From: Tom Lutz
Topic: 1298  Message: 1298

Seems as though I fell for the virus hoax regarding the file jdbgmgr.exe. It should NOT be deleted and is required for Windows to operate with Java (as I understand it). For those of you who deleted it you can reinstall it under C:\Windows\System. I have attached the file.

I am very sorry for my mistake and apologize. Guess they got me on this one.

Tom

[Non-text portions of this message have been removed]

# 1299. virus

Yahoo group: T-368_BC-610
Date: 2002-05-15 17:00:17 UTC
From: jerry
Topic: 1296  Message: 1299

Don't mess with the TEDDY BEAR ! jerry

[Non-text portions of this message have been removed]

# 1300. T-368 owners

Yahoo group: T-368_BC-610
Date: 2002-05-16 22:27:26 UTC
From: W2ZR@aol.com
Topic: 1300  Message: 1300

Hi,
If any of you own one of these fine rigs and have not listed it in the registry, please contact me. We've got over 60 rigs listed now but we've had a bunch of new subscribers recently. What have you got? If don't own one but you're interested in acquiring one, mention it here. If work someone using a T-368 or a BC-610, tell them about this list.

73,
Steve W2ZR

# 1301. Re: [T-368_BC-610] T-368 owners

Yahoo group: T-368_BC-610
Date: 2002-05-17 20:58:50 UTC
From: rbethman@comcast.net
Topic: 1300  Message: 1301

Steve,

Have a new to me BC-610I - S/N 642, BC-614E - S/N 830, and a BC-939A -
no S/N.

Bob - N0DGN Craf-T-Bob (Because I love Hallicrafters!)
Apache(2), Mohawk(2), HT-32A, SX-99, SX-101 mk III, R-390A
EAC, R-390A Collins, DX-60 w/HG-10, BC-610I, BC-939A

----- Original Message -----
From: <W2ZR@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Thursday, May 16, 2002 6:27 PM
Subject: [T-368_BC-610] T-368 owners

> Hi,
> If any of you own one of these fine rigs and have not listed it in
> the registry, please contact me. We've got over 60 rigs listed now but
we've
> had a bunch of new subscribers recently. What have you got? If don't own
> one but you're interested in acquiring one, mention it here. If work
someone
> using a T-368 or a BC-610, tell them about this list.
>
> 73,
> Steve W2ZR
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

# 1302. 939 or 339?

Yahoo group: T-368_BC-610
Date: 2002-05-18 22:07:23 UTC
From: redmenaced
Topic: 1302  Message: 1302

Does anyone know just what the differences are between the BC-939 and the TN-339 antenna tuning units?

Joe

# 1303. BC-610 list keeper

Yahoo group: T-368_BC-610
Date: 2002-05-19 04:18:32 UTC
From: tsmithm3
Topic: 1303  Message: 1303

Hi Group.

I would like to email the keeper of the BC-610 list. I'm on the T-3
list but not sure about the BC-610.

TNX
Tom N5AMA

# 1304. Re: [T-368_BC-610] BC-610 list keeper

Yahoo group: T-368_BC-610
Date: 2002-05-19 16:47:55 UTC
From: Joe Foley
Topic: 1303  Message: 1304

Hi,

I am the list originator and keeper, gee, that sounds
ominous, doesn't it?

They are both the same list, its all one. It just
depends on who is posting at the time,..... not
much of that going on right now.

The only real way to steer the discussion, just like
on the radio, is to pose a question or post something
yourself.

Have at it,

73

Joe KG2CI

--- tsmithm3 <tsmith@...> wrote:
> Hi Group.
>
> I would like to email the keeper of the BC-610 list.
> I'm on the T-3
> list but not sure about the BC-610.
>
> TNX
> Tom N5AMA
>
>

_____
Do You Yahoo!?
LAUNCH - Your Yahoo! Music Experience
http://launch.yahoo.com

# 1305. AM864/U serial 1435 order # 32416-PHILA-56

Yahoo group: T-368_BC-610
Date: 2002-05-19 20:42:10 UTC
From: jerry
Topic: 1305  Message: 1305

Hi everybody, What is a AM864/U ? what will it do? Is it useful around a BC610-E? from KR4BR

[Non-text portions of this message have been removed]

# 1306. BC-610 registry

Yahoo group: T-368_BC-610
Date: 2002-05-20 03:07:35 UTC
From: N6WIG
Topic: 375  Message: 1306

Here is the current BC-610 Registry list. Please email any
updates or additions to mikhael@....

BC-610 Registry:

First Name: Louis
Last Name: Aligieri
Call: WA1JXR
email: wa1jxr@...
BC-610 Model: BC-610
Order Number:
Manufacturer: Hallicrafters
Serial Number: 503

First Name: Rick
Last Name: Blank
Call: KI5SL
email: rblank@...
BC-610 Model: BC-610I
Order Number: 19624-PHILA-50
Manufacturer: Barker and Williamson, Inc
Serial Number: 79

First Name: Mikhael
Last Name: Brown
Call: N6WIG
email: N6WIG@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Hallicrafters
Serial Number: 1242

First Name: John
Last Name: Burgwyn
Call: W4WAW
email: jburgwynjr@...
BC-610 Model: BC-610F
Order Number: 10970-PH-48-77
Manufacturer: David Bogen Co Inc
Serial Number: 247

First Name: Joel
Last Name: Cumberland
Call: N3EYR
email: joel@...
BC-610 Model: BC-610H

Order Number: 21418-Phila-50-7-C
Manufacturer: Hallicrafters
Serial Number: 497

First Name: Clay
Last Name: DeWitt
Call: N4QNX
email: n4qnx.aol.com
BC-610 Model: BC-610G
Order Number: July 1949
Manufacturer: Hallicrafters
Serial Number: 87

First Name: Jeff
Last Name: Edmonson
Call: W5OMR
email: w5omr@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Hallicrafters
Serial Number:

First Name: Mike
Last Name: Hardie
Call: VE7MMH
email: hardiem@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Hallicrafters
Serial Number: 435

First Name: Dan
Last Name: Harlan
Call: N8ETQ
email: dharlan@...
BC-610 Model: BC-610E
Order Number: 28934-PHILA-45-07
Manufacturer: Hallicrafters
Serial Number: 656

First Name: Ron
Last Name: Kresge
Call: W1ARS
email: brronk777@...
BC-610 Model: BC-610E
Order Number: 28934-PHILA-45-07
Manufacturer: Hallicrafters
Serial Number: 78

First Name: Rev Ronnie
Last Name: Parker
Call: N1UDI

email: n1udi19@...
BC-610 Model: BC-610F
Order Number: 10970-PH-48-77
Manufacturer: David Bogen Co,Inc. New
York,NY
Serial Number: 119

First Name: Gary
Last Name: Pewitt
Call: N9ZSV/AE
email: gpewitt@...
BC-610 Model: BC-610I
Order Number:
Manufacturer:
Serial Number:

First Name: Rolynn
Last Name: Prechtl
Call: K7DFW
email: k7dfw@...
BC-610 Model: BC-610F
Order Number: ' 48
Manufacturer: Bogen
Serial Number: 325

First Name: Rolynn
Last Name: Prechtl
Call: K7DFW
email: k7dfw@...
BC-610 Model: BC-610G
Order Number: ' 49
Manufacturer: Hallicrafters
Serial Number: 141

First Name: Bob
Last Name: Richmond
Call: W8MNQ
email: w8mnq@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Hallicrafters
Serial Number: 325

First Name: Bill
Last Name: Shaw
Call: W2HYN
email: w2hyn@...
BC-610 Model: BC-610E
Order Number:
Manufacturer:
Serial Number:

First Name: Tom
Last Name: Smith
Call: N5AMA
email: tsmith@...
BC-610 Model: BC-610I
Order Number:
Manufacturer: Hallicrafters
Serial Number: 333

First Name: Theodore
Last Name: Stoner III
Call: WR4T
email: wr4t@...
BC-610 Model: BC-610E
Order Number: 28934-Phila-45-07
Manufacturer: Hallicrafters
Serial Number: 322

First Name: Jack
Last Name: Taylor
Call: N7OO
email: n7oo@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Halicrafters
Serial Number: 3223

First Name: Keith
Last Name: Tucker
Call: WA9CUE
email: ketken@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Hallicrafters
Serial Number: 289

First Name: Herb
Last Name: Ulrich
Call: K2JVM
email: k2jvm@...
BC-610 Model: BC-610E
Order Number: 18372-Phila-44
Manufacturer: Hallicrafters, Chicago, Ill.
Serial Number: 1211

First Name: Jim
Last Name: Walker
Call: WB2FCN
email: chejmw@...
BC-610 Model: BC-610I
Order Number:
Manufacturer:

Serial Number:

First Name: Jim
Last Name: Walker
Call: WB2FCN
email: chejmw@...
BC-610 Model: BC-610E
Order Number:
Manufacturer:
Serial Number:

First Name: Theodore
Last Name: Young
Call: W3PWW
email:
BC-610 Model: BC-610F
Order Number: 10970-PH-48-77
Manufacturer: David Bogen Co
Serial Number: 25

First Name: Ed
Last Name: Zeranski
Call:
email: ezeran@...
BC-610 Model: BC-610I
Order Number: 18723-Phila-49
Manufacturer: Barker I Williamson
Serial Number: 164

? ?/// ? ? ?<mikhael@...>
? ? | ?Collector of Military and Vintage
? ?/|\ ? ? commuications equipment.
? N6WIG ? ? ? ?San Jose
AAR9MX

# 1307. [T-368_BC-610] AM864/U serial 1435 order # 32416-PHILA-56

Yahoo group: T-368_BC-610
Date: 2002-05-20 13:36:30 UTC
From: Robert W. Downs
Topic: 1305  Message: 1307

Jerry & Group,

The AM-864/U is an Amplifier-Limiter for broadcast applications with such sets as the BC-329 and T-4/FRC. 600 ohm I/O, 6 MW out +/- 1 db for inputs from -35 to -25 dbm. 100-5000 Hz. Rack mounted. TM 11-5081.

Message text written by "jerry"
>Hi everybody, What is a AM864/U ? what will it do? Is it useful around a BC610-E? from KR4BR
<

73
Robert Downs
<RWDowns_WA5CAB@...>
Houston

# 1308. Crystals for the 610?

Yahoo group: T-368_BC-610
Date: 2002-05-22 01:33:24 UTC
From: jerry
Topic: 1308  Message: 1308

Hi, everybody, Just about ready to check the 610 for leaks(smoke) Got a cord after 2 trips to skycraft, I was lucky and found a 3 wire connector that was a direct fit in the 610 chassis. Now I find I made a mistake a couple years ago and ordered a 7295 crystal from CW crystals. Does anyone know the best place to purchase a rock for 7290, I have some holders for the 610 I could send to whoever would grind rock. Later I will try some various vfo's I have. Also still looking for a 40 meter coil But I can manufacture one if needed. Just listening to WA1HLR and K4CR and others all with nice signals into central Florida. 73s Jerry

[Non-text portions of this message have been removed]

# 1309. BC-610-E on E-bay

Yahoo group: T-368_BC-610
Date: 2002-05-23 02:28:41 UTC
From: redmenaced
Topic: 1309  Message: 1309

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=1732091989

# 1310. Well, Ok, lets try this again! BC-610 on E-bay

Yahoo group: T-368_BC-610
Date: 2002-05-23 03:46:06 UTC
From: redmenaced
Topic: 1310  Message: 1310

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=2105830322

# 1311. T-368/URT Wanted

Yahoo group: T-368_BC-610
Date: 2002-05-27 18:45:32 UTC
From: w1dec05673
Topic: 1311  Message: 1311

Again, I am looking for a functioning T-368/URT for Sale in the New England area. Please email description, condition, model, price to W1DEC@... or: vpsdcain@... Thanks, Dave, W1DEC

# 1312. Re: [T-368_BC-610] T-368/URT Wanted

Yahoo group: T-368_BC-610
Date: 2002-05-27 22:43:25 UTC
From: Jerry Kincade
Topic: 1311  Message: 1312

I wish Dave luck in finding a T-368 in the New England area. I, too, am looking for the same thing, except within a 500 mile or so radius of Oklahoma. Reply to w5kp@....
Thanks, Jerry W5KP Mustang, Oklahoma

----- Original Message -----
From: "w1dec05673" <davidca@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Monday, May 27, 2002 1:45 PM
Subject: [T-368_BC-610] T-368/URT Wanted

> Again, I am looking for a functioning T-368/URT for Sale in the New
> England area. Please email description, condition, model, price to
> W1DEC@... or: vpsdcain@... Thanks, Dave, W1DEC
>
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 1313. Re: T-368/URT Wanted

Yahoo group: T-368_BC-610
Date: 2002-05-27 23:10:09 UTC
From: kk4df
Topic: 1311  Message: 1313

Gee. It sounds like a lot of us are looking for a working T3. I'm looking for one in the Southeastern U.S, although hoping for one within a 350 or so mile radius. (Georgia, Carolinas, North Florida area).

Walter - KK4DF
Augusta, GA
email good @ QRZ.com

--- In T-368_BC-610@y..., Jerry Kincade <w5kp@s...> wrote:
> I wish Dave luck in finding a T-368 in the New England area. I, too, am
> looking for the same thing, except within a 500 mile or so radius of
> Oklahoma. Reply to w5kp@s...
> Thanks, Jerry W5KP Mustang, Oklahoma
>
> ----- Original Message -----
> From: "w1dec05673" <davidca@w...>
> To: <T-368_BC-610@y...>
> Sent: Monday, May 27, 2002 1:45 PM
> Subject: [T-368_BC-610] T-368/URT Wanted
>
>
> > Again, I am looking for a functioning T-368/URT for Sale in the New
> > England area. Please email description, condition, model, price to
> > W1DEC@a... or: vpsdcain@m... Thanks, Dave, W1DEC
> >
> >
> >
> >
> >
> > Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
> >
> >
> >

# 1314. Re: [T-368_BC-610] Re: T-368/URT Wanted

Yahoo group: T-368_BC-610
Date: 2002-05-28 13:20:23 UTC
From: tbigelow@pop.state.vt.us
Topic: 1311  Message: 1314

My new plan is to wait until all you guys find your T-3s before looking for one for myself. That way, there'll have less competition. I'll just busy myself with the floor-sweepins until then. Besides, once Dave finds one I can just run over the hill and practice with his. Right Dave?

*chuckle*

de Todd/'Boomer' KA1KAQ

kk4df wrote:

> Gee. It sounds like a lot of us are looking for a working T3. I'm
> looking for one in the Southeastern U.S, although hoping for one
> within a 350 or so mile radius. (Georgia, Carolinas, North Florida
> area).
>
> Walter - KK4DF
> Augusta, GA
> email good @ QRZ.com
>
> --- In T-368_BC-610@y..., Jerry Kincade <w5kp@s...> wrote:
> > I wish Dave luck in finding a T-368 in the New England area. I,
> too, am
> > looking for the same thing, except within a 500 mile or so radius of
> > Oklahoma. Reply to w5kp@s...
> > Thanks, Jerry W5KP Mustang, Oklahoma
> >
> > ----- Original Message -----
> > From: "w1dec05673" <davidca@w...>
> > To: <T-368_BC-610@y...>
> > Sent: Monday, May 27, 2002 1:45 PM
> > Subject: [T-368_BC-610] T-368/URT Wanted
> >
> >
> > > Again, I am looking for a functioning T-368/URT for Sale in the
> New
> > > England area. Please email description, condition, model, price to
> > > W1DEC@a... or: vpsdcain@m... Thanks, Dave, W1DEC
> > >
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> > > Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
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> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 1315. BC-610 parts, etc

Yahoo group: T-368_BC-610
Date: 2002-05-28 20:14:32 UTC
From: rbethman@comcast.net
Topic: 1315  Message: 1315

Hey Gang!

The "Beast" is up and running! Now I am in search of additional components.

1) A TU-52, 6.35 to 8.0 Mc. (The one I have works, but an internal coil looks to have been "cooked" in days gone by. I don't know how long it will last.

2) All manner and sort of FT-171-B crystals. I have about 8 or 9. Those outside the ham bands are fine, if they are below the bands. I'll diligently and carefully do the tooth powder routine with a piece of plate glass and tenderly bring them up to the needed frequency.

3) A BX-34 FT-171-B crystal box. Got to have some place to store these monsters.

Thanks for reading! And Thanks for your searches!

Bob - N0DGN Craf-T-Bob (Because I love Hallicrafters!)
Apache(2), Mohawk(2), HT-32A, SX-99, SX-101 mk III, R-390A
EAC, R-390A Collins, DX-60 w/HG-10, BC-610I, BC-939A

[Non-text portions of this message have been removed]

# 1316. WTB

Yahoo group: T-368_BC-610
Date: 2002-05-29 03:56:06 UTC
From: jerry
Topic: 1316  Message: 1316

Hi, WTB FT-171-B crystal holders, I could get by on 2 but would like to have 4 If you have such excess to your needs e-mail myself at viking62@...
With costs ect. thankyou and 73s from Jerry/KR4BR

[Non-text portions of this message have been removed]

# 1317. BC-610 for sale (I copied this from another list)

Yahoo group: T-368_BC-610
Date: 2002-06-02 19:25:59 UTC
From: W2ZR@aol.com
Topic: 1317  Message: 1317

Greetings from South Texas,

I'm posting today for a Friend in Alpine,Texas- Bert/WT5O. Bert has a fully restored, rewired, recapped and had on the air a wonderful old BC-610. Due to some health problems Bert sent a note to me and asked me to help him sell this very fine transmitter. Bert has been on the air with the 3880, NOS group which meets around 4:00 AM till the last man falls generally around 6:00 AM most every morning.

The transmitter for obvious reasons is "PICK UP ONLY" . Please don't contact me.. contact Bert if you're interested in the BC-610. Bert is a retired radio technician so the work is expertly done. He can supply you with all details concerning the restoration.

Berts address: teep@...

PLEASE SEND ALL REQUEST TO BERT....

73,
Tony/W5OD
River House Radio
Boling, Texas

# 1318. Re: [Milsurplus] List going to e(you know) soon!

Yahoo group: T-368_BC-610
Date: 2002-06-06 02:12:15 UTC
From: Joe Foley
Topic: 1318  Message: 1318

Not me! Contact Patrick.

--- Patrick <bigguy@...> wrote:
> Before I post these on e(you known who), I thought I
> would run them by you
> for interest. I am offering the following:
>
> BC-348R
> Receiver, 200-500KHz and 1.5-18MHz, six bands,
> AM/CW, crystal filter, 915
> KHz IF, BFO, MVC/AVC, 28v, 3a for DM-28 dynamotor,
> 10.5"x18"x9.5", 44lbs,
> Belmont Radio, Tubes: 6B8G, 6C5, 6F7, 6J7, 6K6GT, 3
> ea 6K7, TO:
> 16-40BC-348-3, TM 11-692 No dynamotor. Cleanest I
> have ever seen. A scuff or
> two outside, original wrinkle finish, Insides
> virtually spotless. If I felt
> like building a PS for this, it would not be in this
> list. it would be a
> keeper and a show display. My laziness will be
> someone's jewel.
>
> R-26/ARC-5
> Radio receiver, AN/ARC-5 "Command Set", 3.0-6.0MHz,
> IF 1415KHz, 6-tubes,
> VFO, 28VDC Receivers all use the same 6-tube
> superhet design: r.f. amplifier
> (12SK7), converter (12K8), two i.f. stages (two
> 12SK7's, or 12SK7/12SF7),
> detector/bfo (12SR7) one audio stages (12A6) No
> dynamotor.
>
> R-27/ARC-5
> Radio receiver, AN/ARC-5 "Command Set", 6.0-9.1MHz,
> IF 2830KHz, 6-tubes,
> VFO, 28VDC Receivers all use the same 6-tube
> superhet design: r.f. amplifier
> (12SK7), converter (12K8), two i.f. stages (two
> 12SK7's, or 12SK7/12SF7),
> detector/bfo (12SR7) one audio stages (12A6) No
> dynamotor.
>
> MT-?? Single Unit Shock Mount for ARC-5 Xmit.
>

> MT-71 Dual Unit Shock Mount, ARC-5 Recv.
>
> AN/APX-6
> Transponder set, Identification, Friend or Foe,
> 800-1300 MHz, output 1 KW
> pulse, replaced by AN/APX-25, IF 60 MHz, Units have
> explosives for
> distruction tuning heads, Interrogated by AN/TPX-22,
> Used in B-29 and B-36,
> Major component: RT-82/APX-6. Explosives removed,
> spotless inside, 1940
> mfg. date, very nice unit.
>
> Glide Path Receiver (CDE-46120)
> Part of model ZA system. I know nothing technical or
> historical about this
> one.
> Interesting unit..
>
> T-22/ARC-5
> Radio transmitter, AN/ARC-5 "Command Set",
> 7.0-9.1MHz Transmitters use four
> tubes: 1626 oscillator, two 1625 finals, and 1629
> magic-eye tuning. All have
> internal VFO and 28VDC dynamotor. No dynamotor. Some
> outer rust showing,
> restorable condition, insides OK. Finish needs a
> little TLC, but fair-good
> condx.
>
> MD-7/ARC-5
> AM speech modulator, AN/ARC-5 "Command Set" No
> dynamotor. Nide find!
>
> TBY-2 Transceiver ca. 1938 (CRI-43007)
>
> Transceiver, 28-80 MHz, AM, > 1 Watt, 7 tubes,
> Battery powered. Clean, 1
> dent in top of case under hand strap, clean, very
> nice find. A favorite to
> convert to 10 or 11 meters years ago. Original
> tuning chart/log intact and
> attached. Marine green.
>
> BC-610E Transmitter (Hallicrafters)
> Unit appears complete, less tubes. Very nice, finish
> good, one meter not
> original, it matches in finish and color, but has
> round face instead of
> square. Have additional speech amplifier unit, also

> have all original band
> coils, unused, in original wooden transit case with
> accessories! At 400
> pounds plus, this one will ship via truck at your
> expense or can be picked
> up near St. Louis.
>
>
> All units in good/very good condition except as
> noted (standard 50 years of
> dry storage).
> All reasonable offers entertained. Ridiculous ones
> trashed with predjudice.
>
>
> Patrick Riley
> W9PAT
>
>
> _____
> Milsurplus mailing list
> Milsurplus@...
> http://mailman.qth.net/mailman/listinfo/milsurplus

_____
Do You Yahoo!?
Yahoo! - Official partner of 2002 FIFA World Cup
http://fifaworldcup.yahoo.com

# 1319. OS-11 Scope on E-bay

Yahoo group: T-368_BC-610
Date: 2002-06-11 18:58:23 UTC
From: redmenaced
Topic: 1319  Message: 1319

This would be for all of you Tittley-type guys. 19" rack mount, nice shape.

Yes, it's mine!!

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=1357893838

# 1320. Re: [T-368_BC-610] OS-11 Scope on E-bay

Yahoo group: T-368_BC-610
Date: 2002-06-11 19:24:23 UTC
From: Mike Feher
Topic: 1320  Message: 1320

It may be yours, but who are you? Also in my humble opinion it takes gall for someone with a feed back of 6 to demand USPO MO only as payment. A fellow ham? I have concluded about 2500 transactions on ebay to date, unfortunately most were purchases, but over 99% were taken care of by a check. About the only time I resorted to an MO, or direct bank transfer was for overseas purchases that I made. Again, it is a personal opinion, but I find it difficult to trust a seller that has to declare MO as the payment method. For T-368 content, I am slowly making room in the basement and in a few months hope to be able to get to my T-368F and fix it and then join the rest of you on good old AM. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell NJ, 07731
(732) 901-9193

----- Original Message -----
From: "redmenaced" <redmenaced@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Tuesday, June 11, 2002 2:58 PM
Subject: [T-368_BC-610] OS-11 Scope on E-bay

> This would be for all of you Tittley-type guys. 19" rack mount, nice
> shape.
>
> Yes, it's mine!!
>
> http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=1357893838
>
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 1321. Re: T-368/URT Wanted

Yahoo group: T-368_BC-610
Date: 2002-06-12 00:06:12 UTC
From: kk4df
Topic: 1311  Message: 1321

I found mine! I left out about 5AM this morning with my daughter
riding along to keep me company, and returned about 12 hours later
with my T-368E. Bendix, order 3219-PP-59, S/N 238. It has an
overhaul label from Pirmasens Army Depot stating that it was
overhauled, with a date code on that label of "3059". Maybe week 30
of 1959? Perhaps someone can tell me how to translate the date code.

I hope to have it back on the air in a few weeks. It was on the air
yesterday afternoon at the previous owner's QTH. I'm in the process
of renovating the area where my "new" ham station will be located.
As soon as I get the flooring and electrical complete, I'll move the
T-3 into position.

This one has some WA1HLR mods to the speech amplifier, but apparently
none to the RF deck. I plan to use it as-is initially, but would
welcome recommendations on whether to proceed with the RF deck mods.

Hope to hear you on the air soon.

Walter Wilson - KK4DF
http://www.r-390a.us

--- In T-368_BC-610@y..., "kk4df" <kk4df@y...> wrote:
> Gee. It sounds like a lot of us are looking for a working T3. I'm
> looking for one in the Southeastern U.S, although hoping for one
> within a 350 or so mile radius. (Georgia, Carolinas, North Florida
> area).
>
> Walter - KK4DF
> Augusta, GA

# 1322. Re: Pirmasens Overhaul Date (was: T-368/URT Wanted)

Yahoo group: T-368_BC-610
Date: 2002-06-13 15:25:41 UTC
From: neil277@juno.com
Topic: 1322  Message: 1322

I don't know the year of production on that '59 contract. But I bet there wasn't an overhaul the the same year as the contract. It's probably a 'Julian' date in the format: one year digit, three day digits = 59th day (Feb 28) of 1963, 1973, 1983, ... We used the Julian date for a lot of maintenance records. I would guess that a rehab only 4 years after the contract date is unlikely. 1973 or '83 are good bets. I would lean toward '73. I'm not sure when the T-368's started to be phased out. Maybe after mid 80's. I saw lots of them in the 60's & 70's. I think the Pirmasens depot was closed several years back with the draw-down, but I'm to sure.

I returned from my second tour in Germany in 1981.

> Date: Wed, 12 Jun 2002 00:06:12 -0000
> From: "kk4df" <kk4df@...>
> Subject: Re: T-368/URT Wanted
>
> I found mine! I left out about 5AM this morning with my daughter
> riding along to keep me company, and returned about 12 hours
> later with my T-368E. Bendix, order 3219-PP-59, S/N 238. It has
> an overhaul label from Pirmasens Army Depot stating that it was
> overhauled, with a date code on that label of "3059". Maybe
> week 30 of 1959? Perhaps someone can tell me how to translate
> the date code.
> <SNIP>
> Hope to hear you on the air soon.
>
> Walter Wilson - KK4DF
> http://www.r-390a.us
>
73 - Neil - N4SI
23+ years in the Army, 6 in Germany

# 1323. T-195's for sale

Yahoo group: T-368_BC-610
Date: 2002-06-13 15:48:51 UTC
From: k5jv
Topic: 1323  Message: 1323

Greetings to all,

I have two very nice T-195 transmitters for sale. They are still in the shipping boxes from the Tobyhana(sp) overhaul facility. They have never had power applied since leaving the shop. I am asking $500 each for these transmitters and will deliver them anywhere close to my route from Houston, Minnesota, S. Dakota, Montana, Idaho, Washington, Oregon, California, and back to Houston. I will be leaving Houston around the 15th of July on this trip.

I also have a very nice, working T-368-C for $1,700, Two T-213's from GRC-26 (BC-610's), one still in wooden crate, and one set up working in my shop for $1,500 each (with accessories). I will be glad to deliver these items anywhere within reason on the above mentioned trip.

73 de Lon Cottingham, K5JV
1110 Golden Bear Ln
Kingwood, TX 77339
281-358-4207
281-433-7532 Cell

# 1324. Re: Pirmasens Overhaul Date (was: T-368/URT Wanted)

Yahoo group: T-368_BC-610
Date: 2002-06-13 16:11:09 UTC
From: Walter Wilson
Topic: 1322  Message: 1324

Now that makes perfect sense. There is also a red
stamp above the label with a "3 73" date on the stamp.
I can't read the words above the "3 73", but there
are a few words there. A picture can be seen at
http://www.r-390a.us/T368.htm

Thanks,
Walter - KK4DF

--- neil277@... wrote:
> I don't know the year of production on that '59
> contract. But I bet
> there wasn't an overhaul the the same year as the
> contract. It's probably
> a 'Julian' date in the format: one year digit, three
> day digits = 59th
> day (Feb 28) of 1963, 1973, 1983, ... We used the
> Julian date for a lot
> of maintenance records. I would guess that a rehab
> only 4 years after the
> contract date is unlikely. 1973 or '83 are good
> bets. I would lean toward
> '73. I'm not sure when the T-368's started to be
> phased out. Maybe after
> mid 80's. I saw lots of them in the 60's & 70's. I
> think the Pirmasens
> depot was closed several years back with the
> draw-down, but I'm to sure.
>
> I returned from my second tour in Germany in 1981.
>
> > Date: Wed, 12 Jun 2002 00:06:12 -0000
> > From: "kk4df" <kk4df@...>
> > Subject: Re: T-368/URT Wanted
> >
> > I found mine! I left out about 5AM this morning
> with my daughter
> > riding along to keep me company, and returned
> about 12 hours
> > later with my T-368E. Bendix, order 3219-PP-59,
> S/N 238. It has
> > an overhaul label from Pirmasens Army Depot
> stating that it was
> > overhauled, with a date code on that label of
> "3059". Maybe

> > week 30 of 1959? Perhaps someone can tell me how
> to translate
> > the date code.
> > <SNIP>
> > Hope to hear you on the air soon.
> >
> > Walter Wilson - KK4DF
> > http://www.r-390a.us
> >
> 73 - Neil - N4SI
> 23+ years in the Army, 6 in Germany

_____
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http://fifaworldcup.yahoo.com

# 1325. Re: [T-368_BC-610] Re: Pirmasens Overhaul Date (was: T-368/URT Wanted)

Yahoo group: T-368_BC-610
Date: 2002-06-13 17:48:05 UTC
From: tbigelow@pop.state.vt.us
Topic: 1322  Message: 1325

Nice picture, Walt - and nice find. If the rest of the unit looks that nice, it must be nearly new. I have only the RF deck for one, it's sitting upstairs in my carriage house with other projects and pieces. Doesn't look anything like yours, though - it's all one color: dust!

You'll have one of the best R-390*/T-368 stations around when you get done. And it'll actually work, too!

Congrats! Be sure to post some pics of the completed station.

de Todd/'Boomer' KA1KAQ

BTW, haven't forgotten about those plug in caps, just haven't gotten back to dig that box out. Too many projects, Roy Morgan can vouch for this.

Walter Wilson wrote:

> Now that makes perfect sense. There is also a red
> stamp above the label with a "3 73" date on the stamp.
> I can't read the words above the "3 73", but there
> are a few words there. A picture can be seen at
> http://www.r-390a.us/T368.htm
>
> Thanks,
> Walter - KK4DF

# 1326. Wanted: Probe for RCA WV98V VTVM..

Yahoo group: T-368_BC-610
Date: 2002-06-16 06:18:38 UTC
From: Gregory W. Moore
Topic: 1326  Message: 1326

For those lists in which this request is Off Topic, my apologies. I am, however trying to get the greatest possible contact base to try to locate a part for a RCA VTVM (Their trade name was "Senior VoltOhmyst, Type WV-98C.

The part(s) I am interested in aare the DC/AC-OHMS probe and cable, RCA type WG-299E
NOTE: According to the manual, Probe/Cables from WG-299A through WG299E are acceptable replacements.

In addition, if anyone has one available for sale, I would like a
Crystal Diode Probe
Type WG-301A

A High Voltage Probe Type WG411A or Type WG289

A Multiplier Resistor tip Type WG-206

If anyone has these for sale, I would greatly appreciate your contact here on any of the lists, or directly to my email addy
gwmoore@....

Once contact is made we can discuss price and shipping.
Thanks to all for your assistance, and apologies again if I am off topic for any of the lists to which I posted.
73 es tnx de Greg Moore WA3IVX

# 1327. T-368 Registry 6/16/02

Yahoo group: T-368_BC-610
Date: 2002-06-16 17:03:34 UTC
From: W2ZR@aol.com
Topic: 1327  Message: 1327

W2ZR w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI redmenaced@...
Bendix T-368 E #160
contract 3219-PP-59

WF2U wf2u@...
B&W T-368E #628
contract 15117-PP-62

W8KXR jtone@...
B&W T-368C #216
contract 43056-P-55

Bendix T-368C #209
contract 3219-PP-59

W4WSZ bobm@...
Stromberg-Carlson T-368D #161
contract 39692-PP-58

KF2JQ jprusso@...
AMF T-368A #69
contract 25209-PHILA-54

WB3FAU wb3fau@...
Oneida T-368F #192
contract 15498-PP-63

KA3OTT kazott@...
B&W T-368C #018
contract 43056-P-56

KW1I Dale.Gagnon@...
AMF T-368A #62
contract 25209-PHILA-54

W3NP w3np@...
B&W T-368E #575
contract 15117-PP-62
overhauled at Pirmasens Army Depot

KD1YT tlewis@...
B&W T-368E #27
contract 15117-PP-62

overhauled at Pirmasens Army Depot

KX4R kx4r@...
Crosley T-368C #560
contract 21316-PH-56

WB6DXR lesterw@...
B&W T-368 #18
contract 25633-Phila-53

W2HU reid.j.hagan@...
T-368 #138
(awaiting details)

W7QHO w7qho@...
B&W T-368 #129
contract 25633-PHILA-53

Crosley T-368C #237
contract 28459-PH-55

K2AUS w.d.gallagher@...
TRW T-368F #303
contract 14527(E)

N4FS n4fs@...
TRW T-368F #261
contract 14527(E)

WA1QHQ mark.donaldson@...
B&W T-368 #32
contract 25070-Phila-54

Oneida T-368F #59
contract 15498-PP-63

AE4IN ae4in@...
Daystrom T-368C #46
contract 28597-Phil-55

W5BVB plmills@...
Oneida T-368F #19
contract 15498-PP-63

N4KIA pradams@...
Crosley T-368C #275
contract 28459-PH-55

N2BC n2bc@...
T-368C

K4BVQ PHollifield@...
Bendix T-368E #118
contract 3219-PP-59

overhauled at Pirmasens Army Depot

KF4TP olaf@...
TRW T-368F #190
contract 14527(E)

KE7KK ke7kk@...
Stromber-Carlson T-368D #33
contract 39692-PP-58

W9QM r_longworth@...
Oneida T-368F #149
contract 15498-PP-63

K9RJ jandrjor@...
Stromberg-Carlson T-368D #55
contract 39692-PP-58

WA6IUR fly n ham@...
TRW T-368F #2
contract 14527(E)

W4TDC WA4TDC@...
Crosley T-368C #364
contract 28459-PH-55

K9XH jleer@...
TRW T-368F #238
contract 14527(E)
overhauled at Pirmasens Army Depot

WA4KCY sweetbay@...
TRW T-368F #358
contract 14527(E)

Tom Leiper (no call yet) twleiper@...
Ecco Electronic Components T-368F #76
contract DAAB05-67-C0022

K0WRX PLCullum1823@...
B&W T-368C #305
contract 43056-P-56

W1ZD w1nml@...
TRW T-368F #64
contract 14527(E)

K8OF hamalot@...
T-368C
GDP 2/67

WB2FCN chejmw@...
T-368A (nsn)

WB6ACU WB6ACU@...
B&W T-368C #285
contract 43056-P-56
overhauled at Pirmasens Army Depot

KD3FA billn@...
B&W T-368E #541
contract 11517-PP-62

W3TOY wa3toj@...
B&W T-368 #13
contract 3472-Phila-52

B&W T-368E #206
contract 15117-PP-62

W3PWW (no email)
Crosley T-368C #211
contract 28459-PH-55

W2HER bobziolk@...
Bendix T-368E #152
contract 3219-PP-59

WA0TSY troy-aero@...
B&W T-368C #367
contract 43056-P-56
overhauled at Pirmasens Army Depot

AA9WQ aa9wqham@...
B&W T-368 #22
contract 3472-PHILA-53
overhauled

W7XH billbraden@...
TRW T-368F #359
contract 14527(E)

W1UJR kg2ic@...
T-368F

KC8CU ramsta@...
B&W T-368 #82
contract 25633-PH-53
overhauled at Lexington Blue Grass Army Depot

W3RC dasein@...
ECCO Electronic Components T-368F #114
contract DAAB05-67-C0022

USS New Jersey
TRW T-368F #172
contract 14527(E)

K8TV ken.koyan@...
B&W T-368C #10
contract 43056-P-56

W9XRT jmain@...
Bendix T-368E #17
contract 3219-PP-59

N5AMA tsmith@...
Crosley T-368C #51
contract 28459-PH-55

W2ILA tom_mackie@...
ECCO Electronic Components T-368F #103
contract DAAB05-67-C0022

K1KHP k1khp@...
B&W T-368C #123
contract 43056-P-56

B&W T-368E #536
contract 15117-PP-62

WA9ZTY no email
Crosley T-368C
contract 28459-PH-55
AFRS military mod

NI6S aidehua@...
TRW T-368F #260
contract 14527(E)

W0ZR telutz@...
Bendix T-368E #224
contract 3219-PP-59

WA4VAG prc74b@...
Crosley T-368C # 353
contract 28459-PH-55

W4CLM w4clm.ham@...
Oneida T-368F #75
contract 15498-PP-63

K6OSM commtekman@...
Bendix T-368E #133
contract 3219-PP-59

W1DEC davidca@...
Stromberg-Carlson T-368D #104
contract 39692-PP-58

W8ACR skipperclan@...
Bendix T-368E #353

contract 3219-PP-59
overhauled at Pirmasens Army Depot

# 1328. Loss of PA grid current

Yahoo group: T-368_BC-610
Date: 2002-06-16 23:26:11 UTC
From: kk4df
Topic: 1328  Message: 1328

I've had my new T-368 E on the air a number of hours this weekend. Late today, I noticed a total loss of PA Grid current, and not surprisingly a low plate current to go along with it. I pulled and checked the IPA tube (V104), but it tests OK. Same problem across all bands.

Everytime I turn the transmitter off for 15 or so minutes and turn it back on, the problem seems to clear up for a little while. Is it likely that C2 is shorting as it heats up? Any suggestions on what else to look for will be appreciated.

Walter Wilson - KK4DF

# 1329. BC-610-E blower thermostat and thanks to Jim Walker

Yahoo group: T-368_BC-610
Date: 2002-06-17 03:36:53 UTC
From: jerry
Topic: 1329  Message: 1329

Hi, Everybody. Anyone have an Idea where I may find a blower thermostat for my 610 or I can wire it to operate only when in transmit. I extend my thanks to jim Walker for being very helpful on my 610 project. Jerry/KR4BR

[Non-text portions of this message have been removed]

# 1330. Re: Loss of PA grid current

Yahoo group: T-368_BC-610
Date: 2002-06-17 09:43:35 UTC
From: kk4df
Topic: 1328  Message: 1330

I've substituted a different PA final tube, just in case the grid is shorting to something when the tube gets hot. I'd like to know for sure if the RF deck fan is running. What is the best and safest way to check it. I can't hear it over the main chassis blower fan.

--- In T-368_BC-610@y..., "kk4df" <kk4df@y...> wrote:
> I've had my new T-368 E on the air a number of hours this weekend.
> Late today, I noticed a total loss of PA Grid current, and not
> surprisingly a low plate current to go along with it. I pulled and
> checked the IPA tube (V104), but it tests OK. Same problem across
> all bands.
>
> Everytime I turn the transmitter off for 15 or so minutes and turn
it
> back on, the problem seems to clear up for a little while. Is it
> likely that C2 is shorting as it heats up? Any suggestions on what
> else to look for will be appreciated.
>
> Walter Wilson - KK4DF

# 1331. Re: [T-368_BC-610] BC-610-E blower thermostat and thanks to Jim Walker

Yahoo group: T-368_BC-610
Date: 2002-06-17 10:50:42 UTC
From: rbethman@comcast.net
Topic: 1329  Message: 1331

Jerry,

I got my 610(I) from Jim.

One possible place to look for such a thermostat would be either an auto dealer or a Honda motorcycle dealer. They use thermostats to run the fans for the radiator. I know my GoldWing uses one.

Jim is GREAT people!

Bob - N0DGN

----- Original Message -----
From: "jerry" <viking62@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Sunday, June 16, 2002 11:36 PM
Subject: [T-368_BC-610] BC-610-E blower thermostat and thanks to Jim Walker

> Hi, Everybody. Anyone have an Idea where I may find a blower thermostat for my 610 or I can wire it to operate only when in transmit. I extend my thanks to jim Walker for being very helpful on my 610 project. Jerry/KR4BR
>
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

# 1332. Re: [T-368_BC-610] Re: Loss of PA grid current

Yahoo group: T-368_BC-610
Date: 2002-06-17 11:42:24 UTC
From: James M. Walker
Topic: 1328  Message: 1332

Walter,
Jim Walker here WB2FCN. You will need a long shafted
flat blade screwdriver, preferably with a large handle on it.
with the case closed and the unit running in standby, if you place the
screwdriver "Gently" on the corner of the T-368
case, over the corner where the 4-400A is, and put your
ear to the handle of the screwdriver, you should hear two
different speed rotary sounds, if you only hear one then it
is NOT running. Don't push to hard on the screwdriver
this technique works for me.
73
Jim
WB2FCN

----- Original Message -----
From: "kk4df" <kk4df@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Monday, June 17, 2002 5:43 AM
Subject: [T-368_BC-610] Re: Loss of PA grid current

> I've substituted a different PA final tube, just in case the grid is
> shorting to something when the tube gets hot. I'd like to know for
> sure if the RF deck fan is running. What is the best and safest way
> to check it. I can't hear it over the main chassis blower fan.
>
> --- In T-368_BC-610@y..., "kk4df" <kk4df@y...> wrote:
> > I've had my new T-368 E on the air a number of hours this weekend.
> > Late today, I noticed a total loss of PA Grid current, and not
> > surprisingly a low plate current to go along with it. I pulled and
> > checked the IPA tube (V104), but it tests OK. Same problem across
> > all bands.
> >
> > Everytime I turn the transmitter off for 15 or so minutes and turn
> it
> > back on, the problem seems to clear up for a little while. Is it
> > likely that C2 is shorting as it heats up? Any suggestions on what
> > else to look for will be appreciated.
> >
> > Walter Wilson - KK4DF
>
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

>
>
>

# 1333. items for sale

Yahoo group: T-368_BC-610
Date: 2002-06-17 15:37:24 UTC
From: k5jv
Topic: 1333  Message: 1333

Greetings to all,

The T-368-C, one of the T-195's. and the "I" model BC-610 have been spoken for. There remains one extremely nice T-195 NOS from Tobihana overhaul for $500, two GRC-26 T-213's (BC-610's), one in wooden shipping crate, the other is operational in my shop for $1,500 with accessories. I will be glad to deliver any of these items anywhere, within a reasonable driving distant on my trip from Houston to Rochester, MN, Montana, Bend, Or, Fresno, CA, LA area and back to Houston.

73 de Lon Cottingham, K5JV
281-358-4207

# 1334. Re: [T-368_BC-610] Re: Loss of PA grid current

Yahoo group: T-368_BC-610
Date: 2002-06-17 17:14:35 UTC
From: Joe Foley
Topic: 1328  Message: 1334

```
--- kk4df <kk4df@...> wrote:
> I've substituted a different PA final tube, just in
> case the grid is
> shorting to something when the tube gets hot. I'd
> like to know for
> sure if the RF deck fan is running. What is the
> best and safest way
> to check it. I can't hear it over the main chassis
> blower fan.
+++++++++
The left handle of the RF deck will vibrate if the PA
blower is running, if it isn't running you won't feel
the vibration.

Joe


_____________________________________________________
Do You Yahoo!?
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http://fifaworldcup.yahoo.com
```

# 1335. T-3 removal question

Yahoo group: T-368_BC-610
Date: 2002-06-20 15:55:47 UTC
From: tbigelow@pop.state.vt.us
Topic: 1335  Message: 1335

Greetings to all -

This afternoon myself and Dave Cain, W1DEC will be helping a fellow list member pick up his new (to him) T-368 transmitter. Knowing that this is no small task nor one to be taken err.....'lightly', I am soliciting comments from those of you who have recently or previously obtained a T-3 to go along with your R-390s or just hold the house down. My experience is limited to the RF deck I wrassled into the upstairs of the carriage house after saving it from being turned into an antenna tuner and scrap metal. I have a pick-up truck, appliance dolly/hand truck, rope, and bungie cords(just in case) so we should be pretty well set for tying it up once we capture it. I'm mainly curious to know if there are any pitfalls to avoid like tubes that catch when sliding out section, or any special sequences of events we should follow. Our plan is to remove each deck from the cabinet, put the cabinet in the truck, then reinstall the decks for the trip to prevent them sliding around or being damaged in any way.

Any helpful hints will be appreciated. We're off to retreive it in about 5 hours.

Thanks -

de Todd/'Boomer' KA1KAQ

# 1336. Re: [T-368_BC-610] T-3 removal question

Yahoo group: T-368_BC-610
Date: 2002-06-20 16:07:41 UTC
From: James M. Walker
Topic: 1335  Message: 1336

Boomer,
You got three guys, check to see if the tube hold down
clamps are in place, if so, pull the decks starting at the
RF deck then the Modulator deck then the Power supply deck. Take them to the
vicinity of the truck. The power supply deck should have two guys on the HV
transformer side, one guy on the opposite side. move that to the area
near the truck. Then two guys can move the empty cabinet, three guys to lift
it SAFELY to the truck, NO
hand truck required. Put the cabinet in the rear portion
towards cab of truck, then reinstall the decks starting with the Power
supply, then Modulator, then RF deck, tighten the front panel screws. strap
the unit securely to the transport vehicle, the tubes WON'T bounce out of
their sockets, unless of course you manage to roll the truck.
Good Luck, I have moved several all alone and had no problems, except the
weight factor a pickup will only carry three at a time which for me meant 2
trips a while
back.
Jim
WB2FCN

----- Original Message -----
From: <tbigelow@...>
To: <r-390@...>
Cc: <t-368_bc-610@yahoogroups.com>
Sent: Thursday, June 20, 2002 11:55 AM
Subject: [T-368_BC-610] T-3 removal question

> Greetings to all -
>
> This afternoon myself and Dave Cain, W1DEC will be helping a fellow list
> member pick up his new (to him) T-368 transmitter. Knowing that this is
> no small task nor one to be taken err.....'lightly', I am soliciting
> comments from those of you who have recently or previously obtained a
> T-3 to go along with your R-390s or just hold the house down. My
> experience is limited to the RF deck I wrassled into the upstairs of the
> carriage house after saving it from being turned into an antenna tuner
> and scrap metal. I have a pick-up truck, appliance dolly/hand truck,
> rope, and bungie cords(just in case) so we should be pretty well set for
> tying it up once we capture it. I'm mainly curious to know if there are
> any pitfalls to avoid like tubes that catch when sliding out section, or
> any special sequences of events we should follow. Our plan is to remove
> each deck from the cabinet, put the cabinet in the truck, then reinstall
> the decks for the trip to prevent them sliding around or being damaged
> in any way.
>

> Any helpful hints will be appreciated. We're off to retreive it in
> about 5 hours.
>
> Thanks -
>
> de Todd/'Boomer' KA1KAQ
>
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 1337. Re: [T-368_BC-610] T-3 removal question

Yahoo group: T-368_BC-610
Date: 2002-06-20 22:53:55 UTC
From: Joe Foley
Topic: 1335  Message: 1337

Unplug it! pull the RF deck out about 4", short all
HV conductors to ground!

Reach to the rear, right-hand corner of the RF deck
and unplug the cannon connector there, DON'T drop it,
it may hit the 5R4's on the modulator deck.

When sliding the RF deck out of the cabinet don't tip
the front down too far as the 4-400 may catch the
front edge of the cabinet and break!!

When setting the RF deck down be sure to set it on
something FLAT as the vacuum variable caps are close
to the bottom and could be damaged. They are
EXPENSIVE!!

Pull the MODULATOR deck out 4" and unplug TWO cannon
connectors in the left front, this will clear all
wiring on this deck. Check the coaxes going to the
speech amp on the left side, mine always want to catch
on the cabinet.

The power supply deck comes out the same as the
modulator deck, becareful not to cause mechanical
shock to the plate transformer as they can leak oil
around the HV posts on the bottom.

That leaves only the blower and the antenna vacuum
relay in the cabinet to becareful of.

Use some caution not to let any of the chassis twist,
especially the RF deck, as this can cause brittle
things to crack. Most notably the tank coil!

I can load mine into the BASAR/RV by myself but the
power supply deck is really too much to lift alone.

You will, very soon, learn why heavy casters are the
first order of business when bringing home a T-368! A
sub-frame made of 3" channel iron is not overkill.
The eight heavy handles on a T-368 are GOOD!

Joe

--- tbigelow@... wrote:
> Greetings to all -
>
> This afternoon myself and Dave Cain, W1DEC will be

> helping a fellow list
> member pick up his new (to him) T-368 transmitter.
> Knowing that this is
> no small task nor one to be taken err.....'lightly',
> I am soliciting
> comments from those of you who have recently or
> previously obtained a
> T-3 to go along with your R-390s or just hold the
> house down. My
> experience is limited to the RF deck I wrassled into
> the upstairs of the
> carriage house after saving it from being turned
> into an antenna tuner
> and scrap metal. I have a pick-up truck, appliance
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> rope, and bungie cords(just in case) so we should be
> pretty well set for
> tying it up once we capture it. I'm mainly curious
> to know if there are
> any pitfalls to avoid like tubes that catch when
> sliding out section, or
> any special sequences of events we should follow.
> Our plan is to remove
> each deck from the cabinet, put the cabinet in the
> truck, then reinstall
> the decks for the trip to prevent them sliding
> around or being damaged
> in any way.
>
> Any helpful hints will be appreciated. We're off to
> retreive it in
> about 5 hours.
>
> Thanks -
>
> de Todd/'Boomer' KA1KAQ
>
>

---
Do You Yahoo!?
Yahoo! - Official partner of 2002 FIFA World Cup
http://fifaworldcup.yahoo.com

# 1338. New Custodian & Caretaker for T-368 C/URT S/N 581, Crosley Div

Yahoo group: T-368_BC-610
Date: 2002-06-22 11:25:56 UTC
From: w1rc
Topic: 1338  Message: 1338

Hi Gang:

I'm the lucky guy. Got a call on Tuesday around 6:00PM from a lady who told me she had a radio transmitter that belonged to her son sitting her garage and it had to go by Thursday or it was going to the dump. She had sold the house and the closing was on Friday. Her son Darren(the ham) was there and told me it was a T-368 C. I could have it for the taking. He just didn't have room for it where he is living and the clock had run out. It was me or the dump. Todd Bigelow, aka "Boomer" and I hauled it from near Burlington to White River Jct on Thursday. Dave W1DEC helped us load the 650 pounds of bulletproof radio into the back of Boomer's pick-em-up truck and off we went 90 miles down Interstate 89. It is now occupying a space of honor in my garage awaiting the removal of the wooden "skid" and installation of a set of heavy duty casters. Once this has been done a thorough examination will be made and a service plan outlined. I hope to get it on the air by November or December.

Thanks to the folks who helped me move this puppy with such short notice, ie: Boomer, Dave, a friend who told the lady about me and especially to WA1AM who allowed me the honor and priviledge to look after and enjoy this wonderful treasure for hopefully many years to come.

Looking forward to exchanging wisdom and knowledge with you folks.

73 all,

Michael
W1RC

# 1339. T-368 Registry 6/22/02 69 rigs

Yahoo group: T-368_BC-610
Date: 2002-06-22 12:27:51 UTC
From: W2ZR@aol.com
Topic: 1339  Message: 1339

W2ZR w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI redmenaced@...
Bendix T-368 E #160
contract 3219-PP-59

WF2U wf2u@...
B&W T-368E #628
contract 15117-PP-62

W8KXR jtone@...
B&W T-368C #216
contract 43056-P-55

Bendix T-368C #209
contract 3219-PP-59

W4WSZ bobm@...
Stromberg-Carlson T-368D #161
contract 39692-PP-58

KF2JQ jprusso@...
AMF T-368A #69
contract 25209-PHILA-54

WB3FAU wb3fau@...
Oneida T-368F #192
contract 15498-PP-63

KA3OTT kazott@...
B&W T-368C #018
contract 43056-P-56

KW1I Dale.Gagnon@...
AMF T-368A #62
contract 25209-PHILA-54

W3NP w3np@...
B&W T-368E #575
contract 15117-PP-62
overhauled at Pirmasens Army Depot

KD1YT tlewis@...
B&W T-368E #27
contract 15117-PP-62

overhauled at Pirmasens Army Depot

KX4R kx4r@...
Crosley T-368C #560
contract 21316-PH-56

WB6DXR lesterw@...
B&W T-368 #18
contract 25633-Phila-53

W2HU reid.j.hagan@...
T-368 #138
(awaiting details)

W7QHO w7qho@...
B&W T-368 #129
contract 25633-PHILA-53

Crosley T-368C #237
contract 28459-PH-55

K2AUS w.d.gallagher@...
TRW T-368F #303
contract 14527(E)

N4FS n4fs@...
TRW T-368F #261
contract 14527(E)

WA1QHQ mark.donaldson@...
B&W T-368 #32
contract 25070-Phila-54

Oneida T-368F #59
contract 15498-PP-63

AE4IN ae4in@...
Daystrom T-368C #46
contract 28597-Phil-55

W5BVB plmills@...
Oneida T-368F #19
contract 15498-PP-63

N4KIA pradams@...
Crosley T-368C #275
contract 28459-PH-55

N2BC n2bc@...
T-368C

K4BVQ PHollifield@...
Bendix T-368E #118
contract 3219-PP-59

overhauled at Pirmasens Army Depot

KF4TP olaf@...
TRW T-368F #190
contract 14527(E)

KE7KK ke7kk@...
Stromber-Carlson T-368D #33
contract 39692-PP-58

W9QM r_longworth@...
Oneida T-368F #149
contract 15498-PP-63

K9RJ jandrjor@...
Stromberg-Carlson T-368D #55
contract 39692-PP-58

WA6IUR fly n ham@...
TRW T-368F #2
contract 14527(E)

W4TDC WA4TDC@...
Crosley T-368C #364
contract 28459-PH-55

K9XH jleer@...
TRW T-368F #238
contract 14527(E)
overhauled at Pirmasens Army Depot

WA4KCY sweetbay@...
TRW T-368F #358
contract 14527(E)

Tom Leiper (no call yet) twleiper@...
Ecco Electronic Components T-368F #76
contract DAAB05-67-C0022

K0WRX PLCullum1823@...
B&W T-368C #305
contract 43056-P-56

W1ZD w1nml@...
TRW T-368F #64
contract 14527(E)

K8OF hamalot@...
T-368C
GDP 2/67

WB2FCN chejmw@...
T-368A (nsn)

WB6ACU WB6ACU@...
B&W T-368C #285
contract 43056-P-56
overhauled at Pirmasens Army Depot

KD3FA billn@...
B&W T-368E #541
contract 11517-PP-62

W3TOY wa3toj@...
B&W T-368 #13
contract 3472-Phila-52

B&W T-368E #206
contract 15117-PP-62

W3PWW (no email)
Crosley T-368C #211
contract 28459-PH-55

W2HER bobziolk@...
Bendix T-368E #152
contract 3219-PP-59

WA0TSY troy-aero@...
B&W T-368C #367
contract 43056-P-56
overhauled at Pirmasens Army Depot

AA9WQ aa9wqham@...
B&W T-368 #22
contract 3472-PHILA-53
overhauled

W7XH billbraden@...
TRW T-368F #359
contract 14527(E)

W1UJR kg2ic@...
T-368F

KC8CU ramsta@...
B&W T-368 #82
contract 25633-PH-53
overhauled at Lexington Blue Grass Army Depot

W3RC dasein@...
ECCO Electronic Components T-368F #114
contract DAAB05-67-C0022

USS New Jersey
TRW T-368F #172
contract 14527(E)

K8TV ken.koyan@...
B&W T-368C #10
contract 43056-P-56

W9XRT jmain@...
Bendix T-368E #17
contract 3219-PP-59

N5AMA tsmith@...
Crosley T-368C #51
contract 28459-PH-55

W2ILA tom_mackie@...
ECCO Electronic Components T-368F #103
contract DAAB05-67-C0022

K1KHP k1khp@...
B&W T-368C #123
contract 43056-P-56

B&W T-368E #536
contract 15117-PP-62

WA9ZTY no email
Crosley T-368C
contract 28459-PH-55
AFRS military mod

NI6S aidehua@...
TRW T-368F #260
contract 14527(E)

W0ZR telutz@...
Bendix T-368E #224
contract 3219-PP-59

WA4VAG prc74b@...
Crosley T-368C # 353
contract 28459-PH-55

W4CLM w4clm.ham@...
Oneida T-368F #75
contract 15498-PP-63

K6OSM commtekman@...
Bendix T-368E #133
contract 3219-PP-59

W1DEC davidca@...
Stromberg-Carlson T-368D #104
contract 39692-PP-58

W8ACR skipperclan@...
Bendix T-368E #353

contract 3219-PP-59
overhauled at Pirmasens Army Depot

KK4DF kk4df@...
Bendix T-368E #238
contract 3219-PP-59
overhauled at Pirmasens Army Depot

W1RC w1rc@...
Crosley T-368C #581
contract 21316-PH-56
overhauled at Pirmasens Army Depot

# 1340. Change of email address

Yahoo group: T-368_BC-610
Date: 2002-06-27 05:58:04 UTC
From: k1khpjohn
Topic: 1340  Message: 1340

New email address is k1khp@...

# 1341. Bouncing E-mails

Yahoo group: T-368_BC-610
Date: 2002-06-28 00:15:44 UTC
From: redmenaced
Topic: 1341  Message: 1341

I sometimes get reports of bouncing E-mail addresses from the yahoo groups system, often its a temporary screw up so I just "un-bounce" them,.... usually.

If you've missed some posts that's probably what happened.

Steve, Monica's E-mail address was a fake, she got denied!

The purpose of this post is to weed out any other bouncing E-mail addresses, I usually get a few after someone posts something.

Joe

# 1342. T-368 Registry 69 rigs (rig changed hands)

Yahoo group: T-368_BC-610
Date: 2002-07-01 12:20:27 UTC
From: W2ZR@aol.com
Topic: 1342  Message: 1342

W2ZR w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI redmenaced@...
Bendix T-368 E #160
contract 3219-PP-59

WF2U wf2u@...
B&W T-368E #628
contract 15117-PP-62

W8KXR jtone@...
B&W T-368C #216
contract 43056-P-55

Bendix T-368C #209
contract 3219-PP-59

W4WSZ bobm@...
Stromberg-Carlson T-368D #161
contract 39692-PP-58

KF2JQ jprusso@...
AMF T-368A #69
contract 25209-PHILA-54

WB3FAU wb3fau@...
Oneida T-368F #192
contract 15498-PP-63

KA3OTT kazott@...
B&W T-368C #018
contract 43056-P-56

KW1I Dale.Gagnon@...
AMF T-368A #62
contract 25209-PHILA-54

W3NP w3np@...
B&W T-368E #575
contract 15117-PP-62
overhauled at Pirmasens Army Depot

KD1YT tlewis@...
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overhauled at Pirmasens Army Depot

KX4R kx4r@...
Crosley T-368C #560
contract 21316-PH-56

WB6DXR lesterw@...
B&W T-368 #18
contract 25633-Phila-53

W2HU reid.j.hagan@...
T-368 #138
(awaiting details)

W7QHO w7qho@...
B&W T-368 #129
contract 25633-PHILA-53

Crosley T-368C #237
contract 28459-PH-55

K2AUS w.d.gallagher@...
TRW T-368F #303
contract 14527(E)

N4FS n4fs@...
TRW T-368F #261
contract 14527(E)

WA1QHQ mark.donaldson@...
B&W T-368 #32
contract 25070-Phila-54

Oneida T-368F #59
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AE4IN ae4in@...
Daystrom T-368C #46
contract 28597-Phil-55

W5BVB plmills@...
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contract 15498-PP-63

N4KIA pradams@...
Crosley T-368C #275
contract 28459-PH-55

N2BC n2bc@...
T-368C

K4BVQ PHollifield@...
Bendix T-368E #118
contract 3219-PP-59

overhauled at Pirmasens Army Depot

KF4TP olaf@...
TRW T-368F #190
contract 14527(E)

KE7KK ke7kk@...
Stromber-Carlson T-368D #33
contract 39692-PP-58

W9QM r_longworth@...
Oneida T-368F #149
contract 15498-PP-63

K9RJ jandrjor@...
Stromberg-Carlson T-368D #55
contract 39692-PP-58

WA6IUR fly n ham@...
TRW T-368F #2
contract 14527(E)

W4TDC WA4TDC@...
Crosley T-368C #364
contract 28459-PH-55

K9XH jleer@...
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contract 14527(E)

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T-368C
GDP 2/67

WB2FCN chejmw@...
T-368A (nsn)

WB6ACU WB6ACU@...
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contract 43056-P-56
overhauled at Pirmasens Army Depot

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B&W T-368E #541
contract 11517-PP-62

W3TOY wa3toj@...
B&W T-368 #13
contract 3472-Phila-52

B&W T-368E #206
contract 15117-PP-62

W3PWW (no email)
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contract 28459-PH-55

W2HER bobziolk@...
Bendix T-368E #152
contract 3219-PP-59

WA0TSY troy-aero@...
B&W T-368C #367
contract 43056-P-56
overhauled at Pirmasens Army Depot

AA9WQ aa9wqham@...
B&W T-368 #22
contract 3472-PHILA-53
overhauled

W7XH billbraden@...
TRW T-368F #359
contract 14527(E)

W1UJR kg2ic@...
T-368F

KC8CU ramsta@...
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contract DAAB05-67-C0022

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TRW T-368F #172
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K8TV ken.koyan@...
B&W T-368C #10
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W9XRT jmain@...
Bendix T-368E #17
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W5KP w5kp@...
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contract 28459-PH-55

W2ILA tom_mackie@...
ECCO Electronic Components T-368F #103
contract DAAB05-67-C0022

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contract 43056-P-56

B&W T-368E #536
contract 15117-PP-62

WA9ZTY no email
Crosley T-368C
contract 28459-PH-55
AFRS military mod

NI6S aidehua@...
TRW T-368F #260
contract 14527(E)

W0ZR telutz@...
Bendix T-368E #224
contract 3219-PP-59

WA4VAG prc74b@...
Crosley T-368C # 353
contract 28459-PH-55

W4CLM w4clm.ham@...
Oneida T-368F #75
contract 15498-PP-63

K6OSM commtekman@...
Bendix T-368E #133
contract 3219-PP-59

W1DEC davidca@...
Stromberg-Carlson T-368D #104
contract 39692-PP-58

W8ACR skipperclan@...
Bendix T-368E #353

contract 3219-PP-59
overhauled at Pirmasens Army Depot

KK4DF kk4df@...
Bendix T-368E #238
contract 3219-PP-59
overhauled at Pirmasens Army Depot

W1RC w1rc@...
Crosley T-368C #581
contract 21316-PH-56
overhauled at Pirmasens Army Depot

# 1343. T-368 Registry 7/4/02 70 rigs

Yahoo group: T-368_BC-610
Date: 2002-07-04 13:55:53 UTC
From: W2ZR@aol.com
Topic: 1343  Message: 1343

W2ZR w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI redmenaced@...
Bendix T-368 E #160
contract 3219-PP-59

WF2U wf2u@...
B&W T-368E #628
contract 15117-PP-62

W8KXR jtone@...
B&W T-368C #216
contract 43056-P-55

Bendix T-368C #209
contract 3219-PP-59

W4WSZ bobm@...
Stromberg-Carlson T-368D #161
contract 39692-PP-58

KF2JQ jprusso@...
AMF T-368A #69
contract 25209-PHILA-54

WB3FAU wb3fau@...
Oneida T-368F #192
contract 15498-PP-63

KA3OTT kazott@...
B&W T-368C #018
contract 43056-P-56

KW1I Dale.Gagnon@...
AMF T-368A #62
contract 25209-PHILA-54

W3NP w3np@...
B&W T-368E #575
contract 15117-PP-62
overhauled at Pirmasens Army Depot

KD1YT tlewis@...
B&W T-368E #27
contract 15117-PP-62

overhauled at Pirmasens Army Depot

KX4R kx4r@...
Crosley T-368C #560
contract 21316-PH-56

WB6DXR lesterw@...
B&W T-368 #18
contract 25633-Phila-53

W2HU reid.j.hagan@...
T-368 #138
(awaiting details)

W7QHO w7qho@...
B&W T-368 #129
contract 25633-PHILA-53

Crosley T-368C #237
contract 28459-PH-55

K2AUS w.d.gallagher@...
TRW T-368F #303
contract 14527(E)

N4FS n4fs@...
TRW T-368F #261
contract 14527(E)

WA1QHQ mark.donaldson@...
B&W T-368 #32
contract 25070-Phila-54

Oneida T-368F #59
contract 15498-PP-63

AE4IN ae4in@...
Daystrom T-368C #46
contract 28597-Phil-55

W5BVB plmills@...
Oneida T-368F #19
contract 15498-PP-63

N4KIA pradams@...
Crosley T-368C #275
contract 28459-PH-55

N2BC n2bc@...
T-368C

K4BVQ PHollifield@...
Bendix T-368E #118
contract 3219-PP-59

overhauled at Pirmasens Army Depot

KF4TP olaf@...
TRW T-368F #190
contract 14527(E)

KE7KK ke7kk@...
Stromber-Carlson T-368D #33
contract 39692-PP-58

W9QM r_longworth@...
Oneida T-368F #149
contract 15498-PP-63

K9RJ jandrjor@...
Stromberg-Carlson T-368D #55
contract 39692-PP-58

WA6IUR fly n ham@...
TRW T-368F #2
contract 14527(E)

W4TDC WA4TDC@...
Crosley T-368C #364
contract 28459-PH-55

K9XH jleer@...
TRW T-368F #238
contract 14527(E)
overhauled at Pirmasens Army Depot

WA4KCY sweetbay@...
TRW T-368F #358
contract 14527(E)

Tom Leiper (no call yet) twleiper@...
Ecco Electronic Components T-368F #76
contract DAAB05-67-C0022

K0WRX PLCullum1823@...
B&W T-368C #305
contract 43056-P-56

W1ZD w1nml@...
TRW T-368F #64
contract 14527(E)

K8OF hamalot@...
T-368C
GDP 2/67

WB2FCN chejmw@...
T-368A (nsn)

WB6ACU WB6ACU@...
B&W T-368C #285
contract 43056-P-56
overhauled at Pirmasens Army Depot

KD3FA billn@...
B&W T-368E #541
contract 11517-PP-62

W3TOY wa3toj@...
B&W T-368 #13
contract 3472-Phila-52

B&W T-368E #206
contract 15117-PP-62

W3PWW (no email)
Crosley T-368C #211
contract 28459-PH-55

W2HER bobziolk@...
Bendix T-368E #152
contract 3219-PP-59

WA0TSY troy-aero@...
B&W T-368C #367
contract 43056-P-56
overhauled at Pirmasens Army Depot

AA9WQ aa9wqham@...
B&W T-368 #22
contract 3472-PHILA-53
overhauled

W7XH billbraden@...
TRW T-368F #359
contract 14527(E)

W1UJR kg2ic@...
T-368F

KC8CU ramsta@...
B&W T-368 #82
contract 25633-PH-53
overhauled at Lexington Blue Grass Army Depot

W3RC dasein@...
ECCO Electronic Components T-368F #114
contract DAAB05-67-C0022

USS New Jersey
TRW T-368F #172
contract 14527(E)

K8TV ken.koyan@...
B&W T-368C #10
contract 43056-P-56

W9XRT jmain@...
Bendix T-368E #17
contract 3219-PP-59

W5KP w5kp@...
Crosley T-368C #51
contract 28459-PH-55

W2ILA tom_mackie@...
ECCO Electronic Components T-368F #103
contract DAAB05-67-C0022

K1KHP k1khp@...
B&W T-368C #123
contract 43056-P-56

B&W T-368E #536
contract 15117-PP-62

WA9ZTY no email
Crosley T-368C
contract 28459-PH-55
AFRS military mod

NI6S aidehua@...
TRW T-368F #260
contract 14527(E)

W0ZR telutz@...
Bendix T-368E #224
contract 3219-PP-59

WA4VAG prc74b@...
Crosley T-368C # 353
contract 28459-PH-55

W4CLM w4clm.ham@...
Oneida T-368F #75
contract 15498-PP-63

K6OSM commtekman@...
Bendix T-368E #133
contract 3219-PP-59

W1DEC davidca@...
Stromberg-Carlson T-368D #104
contract 39692-PP-58

W8ACR skipperclan@...
Bendix T-368E #353

contract 3219-PP-59
overhauled at Pirmasens Army Depot

KK4DF kk4df@...
Bendix T-368E #238
contract 3219-PP-59
overhauled at Pirmasens Army Depot

W1RC w1rc@...
Crosley T-368C #581
contract 21316-PH-56
overhauled at Pirmasens Army Depot

KA4JVY foltarz@...
Oneida T-368F #152
contract 15498-PP-63

# 1344. Museum Ships on AM

Yahoo group: T-368_BC-610
Date: 2002-07-04 14:10:42 UTC
From: W2ZR@aol.com
Topic: 1344  Message: 1344

http://www.qsl.net/k1usn/event.html

Hi Gang,
There's a special event coming up involving many of our warships, including the battleship New Jersey. For those who haven't committed the registry to memory, that fine ship is the QTH of a T-368F. Hope they fire it up!

73,
Steve W2ZR

# 1345. T-368 Registry 7/4/02 71 rigs

Yahoo group: T-368_BC-610
Date: 2002-07-04 16:29:13 UTC
From: W2ZR@aol.com
Topic: 1345  Message: 1345

W2ZR w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI redmenaced@...
Bendix T-368 E #160
contract 3219-PP-59

WF2U wf2u@...
B&W T-368E #628
contract 15117-PP-62

W8KXR jtone@...
B&W T-368C #216
contract 43056-P-55

Bendix T-368C #209
contract 3219-PP-59

W4WSZ bobm@...
Stromberg-Carlson T-368D #161
contract 39692-PP-58

KF2JQ jprusso@...
AMF T-368A #69
contract 25209-PHILA-54

WB3FAU wb3fau@...
Oneida T-368F #192
contract 15498-PP-63

KA3OTT kazott@...
B&W T-368C #018
contract 43056-P-56

KW1I Dale.Gagnon@...
AMF T-368A #62
contract 25209-PHILA-54

W3NP w3np@...
B&W T-368E #575
contract 15117-PP-62
overhauled at Pirmasens Army Depot

KD1YT tlewis@...
B&W T-368E #27
contract 15117-PP-62

overhauled at Pirmasens Army Depot

KX4R kx4r@...
Crosley T-368C #560
contract 21316-PH-56

WB6DXR lesterw@...
B&W T-368 #18
contract 25633-Phila-53

W2HU reid.j.hagan@...
T-368 #138
(awaiting details)

W7QHO w7qho@...
B&W T-368 #129
contract 25633-PHILA-53

Crosley T-368C #237
contract 28459-PH-55

K2AUS w.d.gallagher@...
TRW T-368F #303
contract 14527(E)

N4FS n4fs@...
TRW T-368F #261
contract 14527(E)

WA1QHQ mark.donaldson@...
B&W T-368 #32
contract 25070-Phila-54

Oneida T-368F #59
contract 15498-PP-63

AE4IN ae4in@...
Daystrom T-368C #46
contract 28597-Phil-55

W5BVB plmills@...
Oneida T-368F #19
contract 15498-PP-63

N4KIA pradams@...
Crosley T-368C #275
contract 28459-PH-55

N2BC n2bc@...
T-368C

K4BVQ PHollifield@...
Bendix T-368E #118
contract 3219-PP-59

overhauled at Pirmasens Army Depot

KF4TP olaf@...
TRW T-368F #190
contract 14527(E)

KE7KK ke7kk@...
Stromber-Carlson T-368D #33
contract 39692-PP-58

W9QM r_longworth@...
Oneida T-368F #149
contract 15498-PP-63

K9RJ jandrjor@...
Stromberg-Carlson T-368D #55
contract 39692-PP-58

WA6IUR fly n ham@...
TRW T-368F #2
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AA9WQ aa9wqham@...
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contract 3472-PHILA-53
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W7XH billbraden@...
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contract 3219-PP-59

W5KP w5kp@...
Crosley T-368C #51
contract 28459-PH-55

W2ILA tom_mackie@...
ECCO Electronic Components T-368F #103
contract DAAB05-67-C0022

K1KHP k1khp@...
B&W T-368C #123
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contract 15117-PP-62

WA9ZTY no email
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contract 28459-PH-55
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NI6S aidehua@...
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W0ZR telutz@...
Bendix T-368E #224
contract 3219-PP-59

WA4VAG prc74b@...
Crosley T-368C # 353
contract 28459-PH-55

W4CLM w4clm.ham@...
Oneida T-368F #75
contract 15498-PP-63

K6OSM commtekman@...
Bendix T-368E #133
contract 3219-PP-59

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Stromberg-Carlson T-368D #104
contract 39692-PP-58

W8ACR skipperclan@...
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contract 3219-PP-59
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KK4DF kk4df@...
Bendix T-368E #238
contract 3219-PP-59
overhauled at Pirmasens Army Depot

W1RC w1rc@...
Crosley T-368C #581
contract 21316-PH-56
overhauled at Pirmasens Army Depot

KA4JVY foltarz@...
Oneida T-368F #152
contract 15498-PP-63

N8FRP radio-bud@...
Oneida T-368F #249
contract 15498-PP-63

# 1346. T-368 aboard New Jersey not QRV

Yahoo group: T-368_BC-610
Date: 2002-07-04 16:32:16 UTC
From: W2ZR@aol.com
Topic: 1346  Message: 1346

(the following is a reply to an inquiry I made this morning)

Hi Steve,

Thanks for the e-mail.

Well as far as I know, the T-368 isn't ready for primetime yet. There are a couple of guys that are working on getting it back in working order but its not ready yet. The person in charge of the vintage gear restorations is Stan Hojnacki WA2NPL hojofam@...

As far as other gear, we recently picked up a couple AN/URT-23's which are 1980 vintage Navy transmitters. They haven't been fired up yet but appear to be in excellent condition. As for other "vintage" gear, I'll refer you to our
Chief Engineer - Dave Burgess - WA2TVS for that info. Dave is in charge of all radio gear onboard including the vintage equipment. Dave's e-mail is WA2TVS@.... I'm copying Dave on this reply so he will know who you are.

Best 73 and hope to work you during the Museum Ships Event.

Harry Bryant - AA2WN
BNJARS Event Coordinator - NJ2BB

# 1347. PIRMASENS Army Depot

Yahoo group: T-368_BC-610
Date: 2002-07-05 18:55:36 UTC
From: Michael Crestohl
Topic: 1347  Message: 1347

Hi Gang:

Can anyone tell me a bit more about the PIRMASENS Army Depot - where is it, etc?
Seems like several of our rigs were overhauled there.

73,

Michael
W1RC

# 1348. Re: PIRMASENS Army Depot

Yahoo group: T-368_BC-610
Date: 2002-07-05 19:46:44 UTC
From: kk4df
Topic: 1347  Message: 1348

> Can anyone tell me a bit more about the PIRMASENS Army Depot - where is it,
> etc?

It looks like the Pirmasens Army Depot is located in Pirmasens, Germany. It appears to be both a medical material center and a messaging hub.

Look here:
http://www.globalsecurity.org/military/facility/pirmasens.htm

One interesting excerpt from this site:
After the war the Allies used the lower level as depot for war material. In the mid-1960s the US Army General Depot at Pirmasens managed the "supply cave" below Hill 486, with acres and acres of "stuff". The Depot`s "controlled environment" storage buildings kept tanks in them - fueled and armed - all ready to roll.

Walter - KK4DF

# 1349. Power for the T-3

Yahoo group: T-368_BC-610
Date: 2002-07-05 23:09:57 UTC
From: Jerry Kincade
Topic: 1349  Message: 1349

I am reluctant to run my recently acquired T3C on 120V, although I do have 120V circuits wired with #12 wire and 20A breakers available. I also have a couple of 240V circuits in the shack available, both using four-conductor #10 cable. One is running my linear, the other is a "spare". What are you guys doing to power your T3's? It would seem a stout 240/120 stepdown transformer would be a nice arrangement. Alternatively, I also have a humongous 240V Variac I suppose I could use. Are you guys doing anything special in this regard, or do you just plug it into 120 and let 'er rip?
Thanks,
Jerry W5KP Mustang, OK
Crosley #51

# 1350. Re: [T-368_BC-610] Power for the T-3

Yahoo group: T-368_BC-610
Date: 2002-07-05 23:31:26 UTC
From: rbethman@comcast.net
Topic: 1349  Message: 1350

Jerry,

I took one leg of the 240V circuit for my linear, and the ground, to
make a #10 circuit @ 120V for my BC-610. Works absolutely purrrrfect!

Bob - N0DGN Craf-T-Bob (Because I love Hallicrafters!)
Apache(2), Mohawk(2), HT-32A, SX-99, SX-101 mk III, R-390A
EAC, R-390A Collins, DX-60 w/HG-10, BC-610I, BC-939A

----- Original Message -----
From: "Jerry Kincade" <w5kp@...>
To: <T-368_bc-610@yahoogroups.com>
Sent: Friday, July 05, 2002 7:09 PM
Subject: [T-368_BC-610] Power for the T-3

> I am reluctant to run my recently acquired T3C on 120V, although I do have
> 120V circuits wired with #12 wire and 20A breakers available. I also have
a
> couple of 240V circuits in the shack available, both using four-conductor
> #10 cable. One is running my linear, the other is a "spare". What are you
> guys doing to power your T3's? It would seem a stout 240/120 stepdown
> transformer would be a nice arrangement. Alternatively, I also have a
> humongous 240V Variac I suppose I could use. Are you guys doing anything
> special in this regard, or do you just plug it into 120 and let 'er rip?
> Thanks,
> Jerry W5KP Mustang, OK
> Crosley #51
>
>
>
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

# 1351. T-3 Survey

Yahoo group: T-368_BC-610
Date: 2002-07-07 00:43:32 UTC
From: Michael Crestohl
Topic: 1351  Message: 1351

I wonder if anyone has done a survey of T-368s contracts and serial numbers?
Tom Marcotte, N5OFF has done an outstanding job with the survey he did of
the
R-390 and 390A. This consisted of polling owners with the contractor
information
and serial number. He then correlated this data to determine the highest
serial
number of each contract to try to get a ball-park figure of how many were made.

Would be interesting to try to find out how many were made by each
contractor and
who they were.

73,

Michael
W1RC

# 1352. T-3 survey

Yahoo group: T-368_BC-610
Date: 2002-07-07 00:59:25 UTC
From: W2ZR@aol.com
Topic: 1352  Message: 1352

<<I wonder if anyone has done a survey of T-368s contracts and serial numbers?>>

Hi Mike et al,
It was my curiosity about the same thing that prompted me to start keeping a registry. There are 9 manufacturers represented in the registry. My guess is that Barker & Williamson did the design work since they seem to have built the earliest ones. I wish I could find more info about them. Are there any folks out there who have not listed their rigs in the registry yet?

73,
Steve W2ZR

# 1353. this time without html

Yahoo group: T-368_BC-610
Date: 2002-07-07 01:04:59 UTC
From: W2ZR@aol.com
Topic: 1353  Message: 1353

<<I wonder if anyone has done a survey of T-368s contracts and serial numbers?>>

Hi Mike et al,
It was my curiosity about the same thing that prompted me to start keeping a registry. There are 9 manufacturers represented in the registry. My guess is that Barker & Williamson did the design work since they seem to have built the earliest ones. I wish I could find more info about them. Are there any folks out there who have not listed their rigs in the registry yet?

73,
Steve W2ZR

# 1354. Re: [T-368_BC-610] Power for the T-3

Yahoo group: T-368_BC-610
Date: 2002-07-09 02:31:17 UTC
From: Joe Foley
Topic: 1349  Message: 1354

--- rbethman@... wrote:
> Jerry,
>
> I took one leg of the 240V circuit for my
> linear, and the ground, to
> make a #10 circuit @ 120V for my BC-610. Works
> absolutely purrrrfect!
+++++++
You're scaring me here, Jerry!

I hope you took the hot and a NEUTRAL, with a seperate ground over to the T-3.

No, the neutral and the ground are NOT the same thing at that point.

Taking one leg of the 240 is not good, it should have its own single pole breaker on it.

The T-3 should have a 30 amp 120 volt feed to it as most of them draw 21 amps on transmit.

Joe

---------------------------------------------------
Do You Yahoo!?
Sign up for SBC Yahoo! Dial - First Month Free
http://sbc.yahoo.com

# 1355. Re: [T-368_BC-610] Power for the T-3

Yahoo group: T-368_BC-610
Date: 2002-07-09 02:38:30 UTC
From: Joe Foley
Topic: 1349  Message: 1355

Hi Jerry,

Because of the surge on transmit the T-3 should have
its own 30 amp feeder. That would be 10 gauge wire if
the voltage drop due to length of the run doesn't
matter.

Of course a good ground to the cabinet is essential,
safety, not RF, 10 gauge would be nice.

No big deal to turn an unused 240 volt line into a
single pole 120 volt line at the panel, just put it on
a single pole breaker. Alternatively, you coult run
the 240 volt line into a two pole breaker box, they
sell them with only two breakers, and then just use
one of the breakers, the neutral connection, and the
ground. Save the other ciruit for a future BC-610!

Joe

--- Jerry Kincade <w5kp@...> wrote:
> I am reluctant to run my recently acquired T3C on
> 120V, although I do have
> 120V circuits wired with #12 wire and 20A breakers
> available. I also have a
> couple of 240V circuits in the shack available, both
> using four-conductor
> #10 cable. One is running my linear, the other is a
> "spare". What are you
> guys doing to power your T3's? It would seem a stout
> 240/120 stepdown
> transformer would be a nice arrangement.
> Alternatively, I also have a
> humongous 240V Variac I suppose I could use. Are you
> guys doing anything
> special in this regard, or do you just plug it into
> 120 and let 'er rip?
> Thanks,
> Jerry W5KP Mustang, OK
> Crosley #51
>
>
>
>

_____
Do You Yahoo!?
Sign up for SBC Yahoo! Dial - First Month Free
http://sbc.yahoo.com

# 1356. Re: [T-368_BC-610] this time without html

Yahoo group: T-368_BC-610
Date: 2002-07-09 03:15:23 UTC
From: Joe Foley
Topic: 1353  Message: 1356

My question is:

Did Ecco make whole units? Or did they just do the
sheetmetal?

They were a cooking ware company, If I remember right.
Or maybe a big sheetmetal operation.

Joe

--- W2ZR@... wrote:
> <<I wonder if anyone has done a survey of T-368s
> contracts and serial
> numbers?>>
>
> Hi Mike et al,
> It was my curiosity about the same thing
> that prompted me to start
> keeping a registry. There are 9 manufacturers
> represented in the registry.
> My guess is that Barker & Williamson did the design
> work since they seem to
> have built the earliest ones. I wish I could find
> more info about them.
> Are there any folks out there who have not
> listed their rigs in the
> registry yet?
>
> 73,
> Steve W2ZR
>
>
>
>
>

---------------------------------------------------
Do You Yahoo!?
Sign up for SBC Yahoo! Dial - First Month Free
http://sbc.yahoo.com

# 1357. T-368 Registry 7/10/02 72 rigs

Yahoo group: T-368_BC-610
Date: 2002-07-10 12:03:11 UTC
From: W2ZR@aol.com
Topic: 1357  Message: 1357

W2ZR w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI redmenaced@...
Bendix T-368 E #160
contract 3219-PP-59

WF2U wf2u@...
B&W T-368E #628
contract 15117-PP-62

W8KXR jtone@...
B&W T-368C #216
contract 43056-P-55

Bendix T-368C #209
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W4WSZ bobm@...
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KF2JQ jprusso@...
AMF T-368A #69
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WB3FAU wb3fau@...
Oneida T-368F #192
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KA3OTT kazott@...
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KW1I Dale.Gagnon@...
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T-368 #138
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overhauled at Pirmasens Army Depot

KD3FA billn@...
B&W T-368E #541
contract 11517-PP-62

W3TOY wa3toj@...
B&W T-368 #13
contract 3472-Phila-52

B&W T-368E #206
contract 15117-PP-62

W3PWW (no email)
Crosley T-368C #211
contract 28459-PH-55

W2HER bobziolk@...
Bendix T-368E #152
contract 3219-PP-59

WA0TSY troy-aero@...
B&W T-368C #367
contract 43056-P-56
overhauled at Pirmasens Army Depot

AA9WQ aa9wqham@...
B&W T-368 #22
contract 3472-PHILA-53
overhauled

W7XH billbraden@...
TRW T-368F #359
contract 14527(E)

W1UJR kg2ic@...
T-368F

KC8CU ramsta@...
B&W T-368 #82
contract 25633-PH-53
overhauled at Lexington Blue Grass Army Depot

W3RC dasein@...
ECCO Electronic Components T-368F #114
contract DAAB05-67-C0022

USS New Jersey
TRW T-368F #172
contract 14527(E)

K8TV ken.koyan@...
B&W T-368C #10
contract 43056-P-56

W9XRT jmain@...
Bendix T-368E #17
contract 3219-PP-59

W5KP w5kp@...
Crosley T-368C #51
contract 28459-PH-55

W2ILA tom_mackie@...
ECCO Electronic Components T-368F #103
contract DAAB05-67-C0022

K1KHP k1khp@...
B&W T-368C #123
contract 43056-P-56

B&W T-368E #536
contract 15117-PP-62

WA9ZTY no email
Crosley T-368C
contract 28459-PH-55
AFRS military mod

NI6S aidehua@...
TRW T-368F #260
contract 14527(E)

W0ZR telutz@...
Bendix T-368E #224
contract 3219-PP-59

WA4VAG prc74b@...
Crosley T-368C # 353
contract 28459-PH-55

W4CLM w4clm.ham@...
Oneida T-368F #75
contract 15498-PP-63

K6OSM commtekman@...
Bendix T-368E #133
contract 3219-PP-59

W1DEC davidca@...
Stromberg-Carlson T-368D #104
contract 39692-PP-58

W8ACR skipperclan@...
Bendix T-368E #353

contract 3219-PP-59
overhauled at Pirmasens Army Depot

KK4DF kk4df@...
Bendix T-368E #238
contract 3219-PP-59
overhauled at Pirmasens Army Depot

W1RC w1rc@...
Crosley T-368C #581
contract 21316-PH-56
overhauled at Pirmasens Army Depot

KA4JVY foltarz@...
Oneida T-368F #152
contract 15498-PP-63

N8FRP radio-bud@...
Oneida T-368F #249
contract 15498-PP-63

K0MAZ k0maz@...
(no info at this time)

# 1358. neat movie abt Hallicrafters BC-610

Yahoo group: T-368_BC-610
Date: 2002-07-16 19:13:52 UTC
From: W2ZR@aol.com
Topic: 1358  Message: 1358

http://www.archive.org/movies/bytitle.html

Hi,
There's a really cool movie about the BC-610 transmitter and it's importance in WW2. It seems to have been made to inspire the Hallicrafters employees. If you're into BC-610's, Hallicrafters, military radios or ham radio in general, I'm sure you'll find this very neat. The movie is in two parts roughly 14 minutes each. Go to the website above and scroll down to "Voice of Victory". Be careful to click on "dial up" or "DSL".

# 1359. Let's talk to the ships!!!

Yahoo group: T-368_BC-610
Date: 2002-07-16 23:49:38 UTC
From: redmenaced
Topic: 1359  Message: 1359

This would be a great oportunity to put the T-3's, BC-610's and HT-4's on the air and get this event noticed!

I don't think the USS New Jersey's T-3 is online yet but it will be interesting to see how many ships have their original equipment operating.

How many can make it?

Joe

6th Annual Museum Ships Radio Event AM Ops Next weekend(19th and 20th). Many of the museum ships will try and come up on the following freqs using AM with their original ships equipment. Most of the ships original equipment is world war two or earlier so there is no SSB.

Saturday July 20th 3885 Khz+- 0001Z - 0030Z
Saturday July 20th 7290 Khz 1400Z - 1530Z
Saturday July 20th 21425 Khz 1700Z - 1900Z
Sunday July 21st 3885 Khz 0000Z - 0330Z
Sunday July 21st 7290 Khz 1400Z - 1430Z
Sunday July 21st 21425 Khz 1600Z - 1900Z

14286 Kcs AM will also be attempted.

This should give AM'ers a chance to snag some neat QSL cards! If there is a qso on the freq at that time we will just join the qso for a quick hello so as to not disrupt anything.

The picture is of one of the TCK-4's I will be using during the event onboard the USS Salem.
During the rest of the event we will be using CW and SSB on more modern ham equipment.
Check out the USS Salem Radio Club web site for more info. USS Salem, Quincy, MA. uses K1USN.

Regards
Q, W1QWT

# 1360. RE: [T-368_BC-610] Let's talk to the ships!!!

Yahoo group: T-368_BC-610
Date: 2002-07-17 02:07:05 UTC
From: WF2U
Topic: 1359  Message: 1360

T-3 on a SHIP? :-0 What happened? The Army invaded the Navy?

73, Meir WF2U

-----Original Message-----
From: redmenaced [mailto:redmenaced@...]
Sent: Tuesday, July 16, 2002 7:50 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] Let's talk to the ships!!!

This would be a great oportunity to put the T-3's, BC-610's and HT-4's on the air and get this event noticed!

I don't think the USS New Jersey's T-3 is online yet but it will be interesting to see how many ships have their original equipment operating.

How many can make it?

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Sunday July 21st 21425 Khz 1600Z - 1900Z

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This should give AM'ers a chance to snag some neat QSL cards! If there is a qso on the freq at that time we will just join the qso for a quick hello so as to not disrupt anything.

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Regards
Q, W1QWT

Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 1361. WTB TU-47 and TU-54 tuning units

Yahoo group: T-368_BC-610
Date: 2002-07-20 03:03:20 UTC
From: jerry
Topic: 1361  Message: 1361

Hi All, made my first contact with my BC-610-E on 7290 KC with K4EJS in Newnan Ga.received a fairly good sig report and was receiving him (don't laugh) with my BC-455-B I use as a monitor . The BC--614-H has a few bugs but worked quite well. Now I am looking tuning units TU-47 and TU-54 If you have such or leads to such contact myself at viking62@... Thankyou and ESP Jim Walker for all your advise and knowhow Jerry/KR4BR

[Non-text portions of this message have been removed]

# 1362. Exciter on E-bay, unknown choke, too.

Yahoo group: T-368_BC-610
Date: 2002-07-23 02:22:04 UTC
From: redmenaced
Topic: 1362  Message: 1362

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=1368097749

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=1367948968

# 1363. Re: [R-390] R-390 net Sunday

Yahoo group: T-368_BC-610
Date: 2002-07-25 22:59:11 UTC
From: Joe Foley
Topic: 1363  Message: 1363

Stolen from the R-390 mailing list:

--- DCrespy@... wrote:
> OK gang,
>
> I just heard the tail end of the WWV propogation
> forecast, and they were
> talking about blackouts, so this is hoping they
> don't impact us.
>
> First, special thanks to Walter Wilson (KK4DF) for
> working with me on this,
> and to Peter Lower (VE3KWM) for helping coordinate
> the CCA/Collins Net
> portion.
>
> Here is what we'd like to try:
>
> The first net will be to gage interest and to try to
> understand what focus
> the users would like for the net. Between Walter
> (KK4DF) and I (KG5LO) we
> should be able to hear everyone, so we will each ask
> for checkins. Please
> respond with your name, QTH, rig, some info on your
> R-390/390A's, and with
> your area of interest (restorations, short wave, mil
> gear, AM, etc..).
> After checkins, we'll open it for roundtable
> discussion about future formats,
> times and places. Walter has made some interesting
> proposals for "theme
> weeks". We may also want to better coordinate with
> the CCA net.
>
> Walter scouted out 14.283 (20 kHz above the CCA
> frequency) as likely to be
> available on Sunday. We will try to gather starting
> at 1915 UTC. Mode is
> USB.
>
> If the frequency is occupied by other users, go to
> 14.263 (CCA frequency) at
> 1930 UTC. The Family Motor Coach Association (FMCA)
> meets there before CCA

> and is usually done by then (if they are not we will
> wait until they are
> finished). CCA has agreed that we could "hold down
> the frequency" for them
> until 1955 UTC, so we'd have up to 25 minutes to
> take checkins. If we get
> 14.283, we can stay longer, and cover the full
> "agenda".
>
> So: start at 14.283 at 1915 UTC. If nothing is
> heard by 1930 UTC, go to
> 14.263. If the FMCA is done, the net will be there!
> If propogation really
> is "blacked out", we will try again next week!
>
> Finally, if you cannot checkin, but can listen in,
> let me know afterwards by
> e-mail. I'll show "R-390/A SWL Checkins", in a post
> back to the list next
> week.
>
> 73 and see you Sunday
> Harry KG5LO
>
>
>
>
> --- StripMime Report -- processed MIME parts ---
> multipart/alternative
> text/plain (text body -- kept)
> text/html
> The reason this message is shown is because the post
> was in HTML
> or had an attachment. Attachments are not allowed.
> Please post in Plain-Text only.---
> _____
> R-390 mailing list
> R-390@...
> http://mailman.qth.net/mailman/listinfo/r-390

_____
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http://health.yahoo.com

# 1364. Re: [Milsurplus] Wanted

Yahoo group: T-368_BC-610
Date: 2002-08-01 04:05:42 UTC
From: Joe Foley
Topic: 1364  Message: 1364

--- Glenn Little <glittle@...> wrote:
> Be advised that there are 50 Ohm and 75 Ohm Type N
> connectors. If you plug
> a 50 Ohm male connector into a 75 Ohm female
> connector, you will damage if
> not destroy the female connector. If you plus a 75
> Ohm male into a 50 Ohm
> female you will probably not get a connection. I
> found this out the hard way.
>
> I am not sure, but, possibly the same situation
> exists with the C connector.
>
> 73
>
> Glenn
> WB4UIV
>
> At 07:50 PM 7/31/02 -0700,
> Telegrapher@... wrote:
> >I'm looking for some connectors/cables. Connectors
> are "N" male and
> >"UHF" female. Or some cables with "N" male
> connectors on one end and
> >UHF/PL-259 types on the other end.
> >
> >Next, either "C" male to "UHF" if they make that
> one or some cables with
> >male "C" connectors on one end. Would like to find
> either arrangement
> >with 70 ohm cable if possible. 50 ohm stuff
> provides a bit of mismatch
> >but i (nor the receiver) would ever say anything
> and i know i'd never
> >hear the difference.
> >
> >Larry
> >_____
> >Milsurplus mailing list
> >Milsurplus@...
> >http://mailman.qth.net/mailman/listinfo/milsurplus
>
>
---
> Glenn Little

> glittle@... QCWA LM 28417
> Amateur Callsign: WB4UIV
> wb4uiv@... AMSAT LM 2178
> QTH: Goose Creek, SC USA (EM92xx)
> ARRL TAPR
>
---
>
>
> _____
> Milsurplus mailing list
> Milsurplus@...
> http://mailman.qth.net/mailman/listinfo/milsurplus

_____
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Yahoo! Health - Feel better, live better
http://health.yahoo.com

# 1365. HT-4 mod transformer??

Yahoo group: T-368_BC-610
Date: 2002-08-02 23:15:54 UTC
From: redmenaced
Topic: 1365  Message: 1365

From the AM Window BBS:

In my parts collection I have what I believe is an original pre-WWII HT-4 modulation transformer. The guy I got it from some 20 years ago said it was out of a BC-610. It looks similar to the transformer in a BC-610E, but this one is made by Kenyon and the BC-610E one is made by Stancor. It looks identical to the xfmr in a photo of the insides of an HT-4. t
It is an open-frome transformer, but the casting is shaped somewhat different from the 610-E one. I assume it is good. I would be willing to part with it if anyone has a real prewar HT-4 and wants a spare or needs a replacement. I would test it out in my HF-300 rig at 2000V/250MA to see if it works before shipping. I'd rather trade for other radio item(s) than cash, but I would entertain any kind of offer. I have no urgent need to get rid of it, but if someone has a need for it, I'd rather it be put to good use than just sit in my parts collection. E-mail me if you are interested. Otherwise make a mental note in case you ever run into someone who needs the xfmr for the HT-4.

Don K4KYV

Don's E-mail address is:

K4KYV@...

# 1366. T-368 Exciter

Yahoo group: T-368_BC-610
Date: 2002-08-04 15:18:10 UTC
From: storviken
Topic: 1366  Message: 1366

GM Group - perhaps someone with a running T-368 can assist me. I recently obtained the VFO/exciter at a hamfest and plan to use it to drive a Viking II-CDC. I have a schematic but need some assistance. Could anyone pls let me know the following:
1) On P-101/J-8 (between the exciter and the rest of the rig), the following voltages:
Pin # Key UP: Key Down:
6 -- --
7 -- --
8 -- --
With this info, I can rig a power supply. The other voltages (plates and screens) don't seem very critical and have built supplies for them.
2) On the 6000 tube (exciter IPA output), only found one source for it and they only wanted $75 for one. According to tube manuals, a 6AU5 or 6AV5 is a pin-for-pin replacement. Is this feasible (with the proper fila voltage, of course)?
3) Any hints on how to key the exciter for (a) CW (b) phone operation?
Tks for any assistance.
73 Walt Treftz (N4GL) --- direct replies to "penguino@..."

# 1367. Parts and connectors

Yahoo group: T-368_BC-610
Date: 2002-08-05 18:53:52 UTC
From: rbethman@comcast.net
Topic: 1367  Message: 1367

For a myriad of connectors, resistors - (1/2 W, 1 W, 2 W) - Capacitors at reasonable prices, try:

CCarvell@...

This is Clarence Carvell. I just visited him and his parts supplies. He has just about ALL you could want or ask for. He's trying to sell off over twenty years worth of collection of parts and other items.

I picked up an HP 410B, some 1 and 2W resistors and misc. other items from him. A very fine gentleman!

Bob - N0DGN

Bob - N0DGN Craf-T-Bob (Because I love Hallicrafters!)
R-390A EAC, BC-610I, BC-939B

[Non-text portions of this message have been removed]

# 1368. T-368 WANTED

Yahoo group: T-368_BC-610
Date: 2002-08-07 12:13:59 UTC
From: k1khpjohn
Topic: 1368  Message: 1368

W2ORL (DAVE) is looking for a T-368. Send email to me if you know of one forsale. Thanks. John

# 1369. Happy B'day?

Yahoo group: T-368_BC-610
Date: 2002-08-08 02:30:38 UTC
From: redmenaced
Topic: 1369  Message: 1369

This list will be three years old on the 16th of this month!

There are 150 people subscribed to it.

How about a get-together on the 16th on 3.885 MHz at about 8:00 PM Eastern?

Joe KG2CI

# 1370. Re: [T-368_BC-610] Happy B'day?

Yahoo group: T-368_BC-610
Date: 2002-08-08 22:16:13 UTC
From: Joe Foley
Topic: 1369  Message: 1370

Ok, lets do this then.

I'll make the effort to keep this going for a LONG
time on a BUSY, BUSY band,

IF and I mean IF

There is a BUNCH of people there to help me!

Also, if the West COasters are going to play we'll
need someone to chase off SSB'er's. We won't be able
to be heard out there over a bunch of QRM.

If we get a good turn out maybe we can schedule a
regular net for that day/hour/band.

And don't forget the HT-4's!! We gotta have some
HT-4's.

Joe

--- Mike Hardie <hardiem@...> wrote:
> Yea but it keep it going for a while so the poor old
> west coasters can join
> in.
> Mike VE7MMH
> ----- Original Message -----
> From: "redmenaced" <redmenaced@...>
> To: <T-368_BC-610@yahoogroups.com>
> Sent: Wednesday, August 07, 2002 7:30 PM
> Subject: [T-368_BC-610] Happy B'day?
>
>
> > This list will be three years old on the 16th of
> this month!
> >
> > There are 150 people subscribed to it.
> >
> > How about a get-together on the 16th on 3.885 MHz
> at about 8:00 PM
> > Eastern?
> >
> > Joe KG2CI
> >
> >
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> > seeking a
> > ManWoman
> > Enter city or ZIP
> >
> >
> >
> >
> >
> >
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> >
> >
>

---
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# 1371. Re: [T-368_BC-610] Happy B'day?

Yahoo group: T-368_BC-610
Date: 2002-08-08 22:57:18 UTC
From: w7qho@aol.com
Topic: 1369  Message: 1371

I'll try to make it. Summertime QRN is going to be a problem.

Dennis D. W7QHO
Glendale, CA

# 1372. BC-610E manuals on eBay (not mine)

Yahoo group: T-368_BC-610
Date: 2002-08-09 19:23:25 UTC
From: W2ZR@aol.com
Topic: 1372  Message: 1372

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=1372438466

# 1373. Anybody out there???

Yahoo group: T-368_BC-610
Date: 2002-08-10 00:49:01 UTC
From: redmenaced
Topic: 1373  Message: 1373

Only four responses concerning the get together next Friday!

We won't be able to keep the band going with only four people in the conversation, gets kind of slow.

Hello radio,..... cq, cq, cq,..... is this thing on??

Joe

# 1374. Looking for BC-939-B Parts

Yahoo group: T-368_BC-610
Date: 2002-08-10 19:44:15 UTC
From: wa7qzr
Topic: 1374  Message: 1374

Hello all;

It's my first time here and I'm looking for some inexpensive
goodies
for one of my many projects :-)

I'm trying to reconstruct a gutted BC-939-B Antenna Tuning Unit.
I
need L5, L44, C22, C30, SW9, all three counter-dials and the
cover.
The Antenna Current meter (15A) would be nice too (all I have is
a
3A, and it's a bit smaller than the original).

It looks like someone was trying to build themselves a T-network
transmatch out of this, but, as one might expect, with that 96uH
inductor, it didn't work (unless they were shooting for
200-meters). Anyhow, it's a sad, awful mess.

Any help would be apreciated.

Thanks & 73

Mike - WA7QZR
Washington State Army MARS - AAR0HV

# 1375. 14286 right now

Yahoo group: T-368_BC-610
Date: 2002-08-11 01:49:33 UTC
From: W2ZR@aol.com
Topic: 1375  Message: 1375

Hi Gang,
There's quite a bit of activity on 14286 right now, including at least one T-368.

73,
Steve W2ZR

# 1376. (no subject)

Yahoo group: T-368_BC-610
Date: 2002-08-13 20:00:28 UTC
From: Chuck Strozier
Topic: 1376  Message: 1376

Thank you Steve for hooking me up with the group.
I am a BC610 I owner sn 261.
Best regards, chuck strozier 909-860-2512

[Non-text portions of this message have been removed]

# 1377. Re: [T-368_BC-610] Anybody out there???

Yahoo group: T-368_BC-610
Date: 2002-08-13 22:18:02 UTC
From: Joe Foley
Topic: 1373  Message: 1377

--- W7QHO@... wrote:
> Joe,
>
> I've been talking it up out here, but how long do
> you plan to stay on? Not
> much chance of us out here hearing the East Coast
> before 2300 or midnight
> your time.
+++++++
I will stay on 'til the last dog is hung!

But if there are no dogs around I can't talk to myself
for long,..... I get bored easily listening to myself.

Hey! I got an idea. What if we take a break while
the local "noise" gets done doing what it does then
start up at 12:00 again?

_____
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# 1378. Re: [T-368_BC-610]

Yahoo group: T-368_BC-610
Date: 2002-08-13 22:23:18 UTC
From: Joe Foley
Topic: 1378  Message: 1378

Here's one for the BC-610 registry!

--- Chuck Strozier <ccstrozier@...> wrote:
> Hi Joe,
> BC610 I sn 261 Barker & Williamson 1951
> Thank you, Chuck
> ----- Original Message -----
> From: "Joe Foley" <redmenaced@...>
> To: "Chuck Strozier" <ccstrozier@...>
> Sent: Tuesday, August 13, 2002 2:41 PM
> Subject: Re: [T-368_BC-610]
>
>
> > Hi Chuck,
> >
> > I started the list. Could you post the
> manufacturer
> > of your BC-610 so the registrar of 610's can have
> a
> > complete entry, please?
> >
> > Oh, also the model letter would be helpful, too.
> >
> > Thanks,
> >
> > Joe KG2CI
> >
> >
> >
> >
> > --- Chuck Strozier <ccstrozier@...>
> wrote:
> > > Thank you Steve for hooking me up with the
> group.
> > > I am a BC610 I owner sn 261.
> > > Best regards, chuck strozier 909-860-2512
> > >
> > >
> > > [Non-text portions of this message have been
> > > removed]
> > >
> > >
> >
> >
> > _____

> > Do You Yahoo!?
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> > http://www.hotjobs.com
> >
>

---
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http://www.hotjobs.com

# 1379. Fw: [Heathkit] Re: Ham Radio Parts List

Yahoo group: T-368_BC-610
Date: 2002-08-14 03:00:45 UTC
From: rbethman@comcast.net
Topic: 1379  Message: 1379

I hope my passing on info of sources has not offended anyone on the group.

My endorsement is based on face to face dealings. Both gentleman have been straight forward, honest, and a delight to deal with.

Bob - N0DGN

>
> > The man is Golden in my book!
> >
> > He has what he says AND more!
>
> Clarence Carvell, Fulton, Maryland, 301-725-0234 (CCarvell@...)
> (This is a partial list - I'm still adding to it as I get the time)
>
> Resistors - 1/4w, 1/2w, 1w, 2w (10%, 5%, most values)
> Capacitors -
> Paper - .047/200v, .47/200v, .01, .006, .36, .15, (hundreds more)
> Mylar - .33/100v,
> Coax Connectors -
> UHF, BNC, HN, Type N, TNC, RG-17
> Coax Adapters -
> N to UHF, HN to BNC, UHF to BNC, N to BNC
> Fuse Holders
> Chassis Hole Covers
> Diodes
>
> Transistors
> Delco 2N553
> 2N696
>
> 1/4 inch shaft couplers, some solid and some insulated
> Assorted plastic cable clamps
> Various sizes of magnet wire
> RF Chokes, 1 mh
> Assorted sizes of grommets
> 10,000 assorted receiving tubes
> Some transmitting tubes
> Large assortment of meters
> Antenna insulators, various sizes of folded dipole spreaders
> Coax cable
>
>
> Bob - N0DGN Craf-T-Bob (Because I love Hallicrafters!)
> R-390A EAC '67, R-390A Collins '52, BC-610I, BC-939B,
> and BC-614E

>
>
> > ----- Original Message -----
> > From: CCarvell@...
> > To: CCarvell@...
> > Sent: Tuesday, August 13, 2002 21:48 PM
> > Subject: Ham Radio Parts List
> >
> >
> > A more recent list
> >
> > Clarence Carvell
> >
> > Civil War News
> > www.nationalroad.us
> >
> >
>
> _____
> List Administrator: Duane Fischer, W8DBF
> ** For Assistance: dfischer@... **
> $$ See the vintage area on the HCI web site - http://www.w9wze.org $$
> Heathkit mailing list
> Heathkit@...
> http://mailman.qth.net/mailman/listinfo/heathkit

# 1380. Fw: Tubes for R-390As and R-390

Yahoo group: T-368_BC-610
Date: 2002-08-14 03:01:46 UTC
From: rbethman@comcast.net
Topic: 1380  Message: 1380

I hope my passing on info of sources has not offended anyone on the group.

My endorsement is based on face to face dealings. Both gentleman have been straight forward, honest, and a delight to deal with.

Bob - N0DGN

> Folks,
>
> I got to him first because he is local. Here is his price list:
>
> PRICE LIST
>
> R390/R390A:
> TYPE PRICE(ea)
> ---- ---------
> 3TF7 25.00 AMPERITE (limited qty)
> 26Z5W 15.00 TUNG-SOL (limited qty)
> 6082WB 9.00 JAN-SYLVANIA & RAYTHEON (limited qty)
> 0A2 6.00 RCA
> 6AJ5 3.00 TUNG-SOL
> 6AK5/5654 4.00 JAN-WESTINGHOUSE (WWII)
> 6AK6 3.00 JAN-GE
> 6BA6W/5749 2.00 JAN-PHILIPS/ECG
> 6BH6/6661 2.00 SYLVANIA
> 6BJ6 3.00 CEI
> 6C4WA 4.00 JAN-PHILIPS/ECG
> 6DC6 8.00 WESTINGHOUSE
> 12AT7WC --OUT-- JAN-GE
> 12AU7A --OUT-- RAYTHEON
> 5814A* 5.00 JAN-PHILIPS/ECG
> 5651 --OUT-- JAN-RAYTHEON
>
> *R390(non-A): * Ok to use a 5814A for 12AU7 in V507/V510 and V901/V902
> if done in pairs. Do not use a 5814A in V511 or V602 due to current draw
> limit for the series-wired filament strings.
>
> OTHERS:
> TYPE PRICE(ea)
> ---- ---------
> 5Y3WGTA 8.00 JAN PHILIPS/ECG
> 6AH6WA/6485 3.00 U.S.A.
> 6AG7/VT247 4.00 JAN-RCA (WWII-metal)
> 6AU6WC 4.00 JAN PHILIPS/ECG
> 6CB6A 2.00 JAN GE
> 6H6 2.00 JAN GE (metal)

> 6K7 3.00 JAN GE (metal)
> 6SQ7 3.00 RAYTHEON-ENGLAND (metal)
> 5750 2.00 JAN PHILIPS/ECG (high reliability 6BE6)
> 6360 8.00 WESTINGHOUSE
>
> He has TWO running spare kits for R-390s (Yeah - NON A)
>
> Contact: Bryan Stephens <bryanste@...>
>
>
> Bob - N0DGN Craf-T-Bob (Because I love Hallicrafters!)
> R-390A EAC '67, R-390A Collins '52, BC-610I, BC-939B,
> and BC-614E
>

# 1381. 4D21/4-125 tube wanted

Yahoo group: T-368_BC-610
Date: 2002-08-14 04:44:20 UTC
From: Ron Skipper
Topic: 1381  Message: 1381

Hello all,

I need a couple of 4D21/4-125 tubes and a couple of 3B28's for my T-368.
I have some 4-1000 broadcast pulls and some 3CX2500 broadcast pulls to
trade. I also have an extra 6000 tube to trade, but I'd prefer to trade
the big tubes. Thanks.

Ron W8ACR
skipperclan@...

# 1382. Fw: [AMRadio] Docket 20777 again!

Yahoo group: T-368_BC-610
Date: 2002-08-14 05:53:49 UTC
From: Jeff Edmonson
Topic: 1382  Message: 1382

just in case you didn't see it...

----- Original Message -----
From: "Donald Chester" <k4kyv@...>
To: <amradio@...>
Sent: Wednesday, August 14, 2002 00:17
Subject: [AMRadio] Docket 20777 again!

: Minute 64 adopted at the most recent
: ARRL Board of Directors meeting on July 19-20, 2002:
:
: http://www.arrl.org/announce/board-0207/
:
: 64. On motion of Mr. Frenaye, seconded by Mr. Stinson, it was VOTED that at
: the next practical opportunity the ARRL shall petition the FCC to revise
: Part 97 to regulate subbands by signal bandwidth instead of by mode.
:
: The last time that was tried, back in the 70's, the proposed bandwidths were
: 350 Hz and 3.5 kHz. That was Docket 20777, the infamous FCC proposal that
: would have killed AM on the HF bands. It was only through the strong
: response of the AM community that the measure was rejected. We need to get
: busy on this one!
:
: Don K4KYV
:
: _____
: AMRadio mailing list
: AMRadio@...
: http://mailman.qth.net/mailman/listinfo/amradio

# 1383. Re: [T-368_BC-610] Fw: [AMRadio] Docket 20777 again!

Yahoo group: T-368_BC-610
Date: 2002-08-14 11:51:24 UTC
From: Jerry Kincade
Topic: 1382  Message: 1383

Especially since many of the LSB signals I hear are wider than any AM signal
on the band. Calling SSB 3.5 KHz don't make it so.
Jerry W5KP

>
> : Minute 64 adopted at the most recent
> : ARRL Board of Directors meeting on July 19-20, 2002:
> :
> : http://www.arrl.org/announce/board-0207/
> :
> : 64. On motion of Mr. Frenaye, seconded by Mr. Stinson, it was VOTED that
at
> : the next practical opportunity the ARRL shall petition the FCC to revise
> : Part 97 to regulate subbands by signal bandwidth instead of by mode.
> :
> : The last time that was tried, back in the 70's, the proposed bandwidths
were
> : 350 Hz and 3.5 kHz. That was Docket 20777, the infamous FCC proposal
that
> : would have killed AM on the HF bands. It was only through the strong
> : response of the AM community that the measure was rejected. We need to
get
> : busy on this one!
> :
> : Don K4KYV
> :

# 1384. RE: [T-368_BC-610] Fw: [AMRadio] Docket 20777 again!

Yahoo group: T-368_BC-610
Date: 2002-08-14 12:17:57 UTC
From: WF2U
Topic: 1382  Message: 1384

This is true, however many AM-ers who are HI-FI freaks and trying to have FM broadcast quality signals are not exactly endearing themselves to the ham community with whom they're trying to share the bands. I like AM and I'm all for being considerate with the use of the bands. I never modify a stock transmitter such as a T-368 for "unrestricted" audio and I never got any complaints about audio quality. I can't see any reason why the communications quality 300-3000 Hz audio is not enough for some folks...

My 2 cents' worth...

73, Meir WF2U
Landrum, SC

-----Original Message-----
From: Jerry Kincade [mailto:w5kp@...]
Sent: Wednesday, August 14, 2002 7:51 AM
To: Jeff Edmonson; WA5BXO/wrk
Cc: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] Fw: [AMRadio] Docket 20777 again!

Especially since many of the LSB signals I hear are wider than any AM signal on the band. Calling SSB 3.5 KHz don't make it so.
Jerry W5KP

# 1385. AM operation

Yahoo group: T-368_BC-610
Date: 2002-08-14 18:10:10 UTC
From: jerry
Topic: 1385  Message: 1385

Hi, Jerry/KR4BR here reminding everybody this is an election year, and we are AMERICANS arrl doesn't run the FCC yet. While stating your concerns to ARRL also write/E-MAIL your congressmen or who ever in your district. I suspect sales are down on the plastic radio junk and someone is looking for a boost. Us amers spend more time or as much time working on our junk as we do operating, we are a part of history and there is no reason for the continued harassment. Make your selves heard! 73s from Jerry/KR4BR 49th year

[Non-text portions of this message have been removed]

# 1386. Docket 20777

Yahoo group: T-368_BC-610
Date: 2002-08-15 14:20:22 UTC
From: k1khpjohn
Topic: 1386  Message: 1386

I just had a conversation with the SE. ARRL regional manager. She suggests contacting the manufacturers about our concerns also. They have a strong influence on the ARRL. All modes have their place in the amateur services. I am very dissapointed with the league. I joined several months ago for their support of PRB-1 and now I feel betrayed.I will go down fighting on this one. LONG LIVE AM !!!

# 1387. WANTED

Yahoo group: T-368_BC-610
Date: 2002-08-15 14:27:36 UTC
From: k1khpjohn
Topic: 1078  Message: 1387

WANTED: 1 or 2 Rack cabinets #CY 1807/G or similar units . I need 2 identical military rack cabinets 5 or 6 ft high to place side by side.

# 1388. Re: It's a Numbers Game

Yahoo group: T-368_BC-610
Date: 2002-08-15 17:20:56 UTC
From: Jeff Edmonson
Topic: 1388  Message: 1388

WD5BPP wrote:
> I see a lot's of hub bub about the old bandwidth issue, well it's
> gonna come down to one thing only; How many hams support AM?
> In politics (ARRL folks are politicians), the people in power who plan
> on staying in power look at one thing only, that is if a segnificant
> group of folks support something, then they best support it to, like
> it or not. The best way to keep our bandwith is to show the numbers,
> the popularity. Even if folks don't own AM gear, but support the mode,
> it has to be made known. Just to get on the air and make a lot of
> noise wiil not cut it. Back when the power reduction was about to take
> place, myself and a few others were on the air five and six nights a
> week. The reason we lost that one was the folks supporting the mode,
> while active, were few in number. One good thing is this group, let's
> spread the word about it, get as many to join as possible. I am sure
> there are folks out there who will support AM even if they are not
> active on it. We have to get all these people to join in some way, to
> boost the numbers. Spread the word on the air, by other modes,
> Electric Radio etc. If you can document the numbers, the politicos
> will take note. After all, for us it's a hoobby, for them it's about
> power and popularity.

Another way to get more people interested, is to get whatever you've
got, on the air. I know we all strive to have the best sounding station,
but even if it's merely an HT-37, let's get it on the air. Is there any
one who can get on 40m during the day?

No, not on 7.290 - at least not here in the 5th call area and certainly
not during the mornings and early afternoons, but starting at say 3pmCST
Hell, even fire up the rice-boxes with small amps... 100 to 200w is all
that's needed, locally.

7.285/90 is pretty dead around here from around 3pm till around 5 or
6pm, when VOA cranks up.

Is there anyone who gets on 20m AM? 14.286Mc. I've listened in the
daytime, and don't hear carriers. I know 10m is dead right now, but how
about 15m? I read over on the AM-Window Bulletin Board that there are
people who are getting on 15m AM - 21.420Mc or thereabouts.

Getting ON the air, and making our presence known is one way to gain
popularity. Positive or negative, people will know that AM is not dead!

73 = Best Regards,
-=Jeff/W5OMR=-

Regards,
-Jeff

# 1389. Re: It's a Numbers Game

Yahoo group: T-368_BC-610
Date: 2002-08-15 23:56:54 UTC
From: redmenaced
Topic: 1388  Message: 1389

--- In T-368_BC-610@y..., "Jeff Edmonson" <jeff@w...> wrote:
> WD5BPP wrote:
> > I see a lot's of hub bub about the old bandwidth issue, well it's
> > gonna come down to one thing only; How many hams support AM?
> > In politics (ARRL folks are politicians), the people in power who
plan
> > on staying in power look at one thing only, that is if a
segnificant
> > group of folks support something, then they best support it to,
like
> > it or not. The best way to keep our bandwith is to show the
numbers,
> > the popularity.
++++++++++++
And THAT'S why we're going to have 150 checkins for the get-together
at 8:00 PM Eastern tomorrow night on 3.885 MHz!

We HAVE to keep the band going long enough to let the West Coast guys
have a chance at it.

73

Joe

# 1390. ARRL

Yahoo group: T-368_BC-610
Date: 2002-08-16 13:56:18 UTC
From: k1khpjohn
Topic: 1390  Message: 1390

I called the ARRL today regarding minute #64.They said there was no intention to eliminate AM. They are well aware of the interest in vintage equipment. Their concern is the digital modes being operated in the the CW portions of the band.You can call the league at 860-594-0200. See you @20:00 ET on 3885Khz. My T-368 is all tuned up,ready to go. 73 John

# 1391. T-3/BC-610 Net tonight

Yahoo group: T-368_BC-610
Date: 2002-08-16 21:38:56 UTC
From: Joe Foley
Topic: 1391  Message: 1391

Lots of static crashes and local thunder in Western
NY, might be tough copy.

Excellent night for a T-368/ BC-610!!!
Joe

---------------------------------------------------
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# 1392. Re: [T-368_BC-610] Happy B'day?

Yahoo group: T-368_BC-610
Date: 2002-08-17 03:13:58 UTC
From: Joe Foley
Topic: 1369 Message: 1392

--- Gregory Carter <kx4r@...> wrote:
> Hi Joe!
> It's 2040 EDST and I am listening on 3885 but the
> QRN is so bad I can only hear a couple of
> stations...nothing well enough to
> tell what's going on.
>
> Just wanted to let you know that a T-3 down here in
> NW Ga is on freq and ready to go if conditions
> improve!
+++++
MY EARS HURT!!

Wow, the static was bad!

BUT that didn't stop the hardcore operators from at least trying.

W3GMS, Joe, from Ursleton, PA was the first contact, he's not on this list but will be shortly. He was an army radio technician who worked extensively on T-368's and has modified them, too.

John K1KHP WAS HEARD IN NYS through all of the crud. Good effort. I couldn't make out what he was saying but his distinctive accent and voice came through so I knew who it was.

W3RC, Bruce in Milford, PA helped hold the frequency even though a fuse in his R-390A decided to fail. Quick troubleshooting on his part and he was back on the air after a while, excellent signal here, good audio. The static was no problem for the operators from Ohio, PA, and Conn. He has replaced the plate relay in his T-3 with a solid state unit, I will post the specs on that when I get more info,..... or he can post pictures of his modification.

K8TV, Ken, from Wellington, OH also showed up with a 1956 T-368C that was brought back from Germany by its previos owner when he found out it was to be scrapped. It has all similar vintage decks except the exciter module.

Also heard were K1EYY portable from Skowhegan, ME and WA1UQM from Simsbury, Conn. who was demonstrating Ham radio to several relatives.

Thunder storms all around, mostly to the north and east. I've got more rain and lightning coming in from Ohio so I will shut down now.

We will try again later in the season, more toward winter.

73

Joe

---

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# 1393. RE: [T-368_BC-610] Happy B'day?

Yahoo group: T-368_BC-610
Date: 2002-08-17 03:34:14 UTC
From: WF2U
Topic: 1369  Message: 1393

We had a violent thunderstorm all around and overhead so I had to leave the antennas disconnected.

Next time!

73, Meir WF2U
Landrum, SC

-----Original Message-----

Wow, the static was bad!

Thunder storms all around, mostly to the north and east. I've got more rain and lightning coming in from Ohio so I will shut down now.

We will try again later in the season, more toward winter.

73

Joe

# 1394. BC-610 for sale

Yahoo group: T-368_BC-610
Date: 2002-08-19 17:24:22 UTC
From: redmenaced
Topic: 1394  Message: 1394

Here ya go guys!

Contact Gary!

--- Gary Dawkins <bones@...> wrote:
> De WB8CCS. I have a BC 610E modified.Has a pr of
> 813`s in pi-net final.Solid state plug in
> rectifiers.Mod xformer is from a later model BC
> 610.Tuning units for 160,80,40.Unit is on the
> air.Will trade for hf amp with 160 or $500.In west
> Michigan.U move.
> wb8ccs@... 231- 854- 1759 ,Tnx 73,Gary

# 1395. Re: [T-368_BC-610] Docket 20777

Yahoo group: T-368_BC-610
Date: 2002-08-19 18:40:44 UTC
From: tbigelow@pop.state.vt.us
Topic: 1386  Message: 1395

k1khpjohn wrote:

> I just had a conversation with the SE. ARRL regional manager. She
> suggests contacting the manufacturers about our concerns also. They
> have a strong influence on the ARRL.

Sounds like a case of the tail wagging the dog? Shouldn't it be the other way around, that the ARRL and hams have a strong influence with the manufacturers? We should be telling them what we want for gear, not being told what we'll get.

Hopefully this will turn out to be less than expressed, but it wouldn't surprise me if it were all true. I had a chat at a hamfest not too long ago between Mr Frenaye, a dealer, and myself. When I disagreed with their view that we needed to open ham radio up *more* basically by dumbing it down, they weren't pleased. When I mentioned the AM community, Mr Frenaye just rolled his eyes.

There's a reason why some of us refer to them as the Amateur Radio Retail Lobby. The regional manager's remarks would appear to confirm this.

73 de Todd/'Boomer' KA1KAQ

# 1396. Re: [T-368_BC-610] Docket 20777

Yahoo group: T-368_BC-610
Date: 2002-08-19 19:03:35 UTC
From: John W. Phipps
Topic: 1386  Message: 1396

You got that right. We (the hams) should tell the ARRL, FCC and the manufacturers what we want. After all it should be government for the people and by the people. The hams,in this case are WE THE PEOPLE. We can make a difference.
----- Original Message -----
From: "Todd Bigelow - PS" <tbigelow@...>
To: "k1khpjohn" <k1khp@...>
Cc: <T-368_BC-610@yahoogroups.com>
Sent: Monday, August 19, 2002 2:40 PM
Subject: Re: [T-368_BC-610] Docket 20777

>
> k1khpjohn wrote:
>
> > I just had a conversation with the SE. ARRL regional manager. She
> > suggests contacting the manufacturers about our concerns also. They
> > have a strong influence on the ARRL.
>
> Sounds like a case of the tail wagging the dog? Shouldn't it be the other way
> around, that the ARRL and hams have a strong influence with the
> manufacturers? We should be telling them what we want for gear, not being
> told what we'll get.
>
> Hopefully this will turn out to be less than expressed, but it wouldn't
> surprise me if it were all true. I had a chat at a hamfest not too long ago
> between Mr Frenaye, a dealer, and myself. When I disagreed with their view
> that we needed to open ham radio up *more* basically by dumbing it down, they
> weren't pleased. When I mentioned the AM community, Mr Frenaye just rolled
> his eyes.
>
> There's a reason why some of us refer to them as the Amateur Radio Retail
> Lobby. The regional manager's remarks would appear to confirm this.
>
> 73 de Todd/'Boomer' KA1KAQ
>
>

# 1397. Re: T-368D

Yahoo group: T-368_BC-610
Date: 2002-08-21 16:34:24 UTC
From: Joe Foley
Topic: 1397  Message: 1397

Well, I'll post this to the list and see what they
say.

--- Ben and Susan Booth <bsbooth@...> wrote:
> I have a T-368, S.N. 16, D Model. Am I the only one
> with a D Model? It's a Stromberg Carlson and it
> works good.
>
> Ben
>

_____
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# 1398. Fw: Remember.....9/11 LIGHTS ON!

Yahoo group: T-368_BC-610
Date: 2002-08-22 02:41:37 UTC
From: John W. Phipps
Topic: 1398  Message: 1398

----- Original Message -----
From: John W. Phipps
To: Winger1200@...
Sent: Wednesday, August 21, 2002 7:14 AM
Subject: Re: Remember.....9/11 LIGHTS ON!

Good morning Susan: have a good day. I will be in corporate servitude today. Daddyo
----- Original Message -----
From: Winger1200@...
To: Leslie_Billings@... ; Slamanna2000@... ; N9649B@... ; USHI@... ; DougStrack@... ; Maslarcpa@... ; artgal@... ; Earlmindkiller@... ; FAUSTA@... ; Rambo11@... ; cherrymai2001@... ; NAngilletta@... ; august.c.neitzel@... ; C21Amy@... ; dhamill@... ; Patrecia_bryant@... ; Ldheidi@... ; Tammy.Parlette@... ; brian.davidson@... ; TPastor4th@... ; colorfulmargo@... ; Nancycapra@... ; Hal.Davidson@... ; Julieta20171@... ; CarolCalvert@... ; giggling37@... ; Spliv50@... ; Lana.Bolinger@... ; Nasreen_mustaqim@... ; John Phipps ; Martin4o4@... ; Gravesod@... ; tjarrell72@... ; jeanniesmith@... ; Lningen@... ; bkydarts@... ; Mary@... ; Patjeddha@hotmail ; SummerArts@... ; info@... ; Keithshamberger@... ; vshore@...
Sent: Wednesday, August 21, 2002 4:20 AM
Subject: Re: Remember.....9/11 LIGHTS ON!

In a message dated 8/20/02 11:37:56 PM Mid-Atlantic Daylight Time, Sacc5109 writes:

> > 9/11 LIGHTS ON!
> >
> > PLEASE forward this email to everyone in your address
> > book asking them to also forward it.
> > Please join us on 9/11.....we have over a month
> > to get the word out all across this great land we love
> > and call the United States of America. Let's see how powerful
> > e-mail can be!
> >
> > On Wednesday, September 11, 2002 everyone in the USA
> > who will be driving a motor vehicle is asked to drive with
> > their headlights on during daylight hours.
> > Though no explanation is needed as to why we are
> > commemorating September 11.....we hope more
> > importantly to pay respect to the victims of that day, show our
> > nation's solidarity and show support for our men and women of the Armed
> > Forces.
> > You can help by sending this e-mail on to others!
> >
> > Remember.....9/11 LIGHTS ON!
>

[Non-text portions of this message have been removed]

# 1399. Fw: Remember.....9/11 LIGHTS ON!

Yahoo group: T-368_BC-610
Date: 2002-08-22 02:42:26 UTC
From: John W. Phipps
Topic: 1398  Message: 1399

----- Original Message -----
From: John W. Phipps
To: Winger1200@...
Sent: Wednesday, August 21, 2002 7:14 AM
Subject: Re: Remember.....9/11 LIGHTS ON!

Good morning Susan: have a good day. I will be in corporate servitude today. Daddyo
----- Original Message -----
From: Winger1200@...
To: Leslie_Billings@... ; Slamanna2000@... ; N9649B@... ; USHI@... ; DougStrack@... ; Maslarcpa@... ; artgal@... ; Earlmindkiller@... ; FAUSTA@... ; Rambo11@... ; cherrymai2001@... ; NAngilletta@... ; august.c.neitzel@... ; C21Amy@... ; dhamill@... ; Patrecia_bryant@... ; Ldheidi@... ; Tammy.Parlette@... ; brian.davidson@... ; TPastor4th@... ; colorfulmargo@... ; Nancycapra@... ; Hal.Davidson@... ; Julieta20171@... ; CarolCalvert@... ; giggling37@... ; Spliv50@... ; Lana.Bolinger@... ; Nasreen_mustaqim@... ; John Phipps ; Martin4o4@... ; Gravesod@... ; tjarrell72@... ; jeanniesmith@... ; Lningen@... ; bkydarts@... ; Mary@... ; Patjeddha@hotmail ; SummerArts@... ; info@... ; Keithshamberger@... ; vshore@...
Sent: Wednesday, August 21, 2002 4:20 AM
Subject: Re: Remember.....9/11 LIGHTS ON!

In a message dated 8/20/02 11:37:56 PM Mid-Atlantic Daylight Time, Sacc5109 writes:

> > 9/11 LIGHTS ON!
> >
> > PLEASE forward this email to everyone in your address
> > book asking them to also forward it.
> > Please join us on 9/11.....we have over a month
> > to get the word out all across this great land we love
> > and call the United States of America. Let's see how powerful
> > e-mail can be!
> >
> > On Wednesday, September 11, 2002 everyone in the USA
> > who will be driving a motor vehicle is asked to drive with
> > their headlights on during daylight hours.
> > Though no explanation is needed as to why we are
> > commemorating September 11.....we hope more
> > importantly to pay respect to the victims of that day, show our
> > nation's solidarity and show support for our men and women of the Armed
> > Forces.
> > You can help by sending this e-mail on to others!
> >
> > Remember.....9/11 LIGHTS ON!
>

[Non-text portions of this message have been removed]

# 1400. Re: [T-368_BC-610] Looking for BC-939-B Parts

Yahoo group: T-368_BC-610
Date: 2002-08-23 16:51:20 UTC
From: Gene Beckwith
Topic: 1374  Message: 1400

Mike,

Keep the faith and keep looking....the RF ameter is a standard diameter and
if you search the Hamfests...am sure u will find something that will
work...In my experience, it doesn't have to be 15 amps....so if you spot an
eight or ten amp job, don't hesitate to try it... it will get you started and
may be all you need, at least until a bit unusual 15 amper turns up.

Good luck,

Gene

W8KXR

wa7qzr wrote:

> Hello all;
>
> It's my first time here and I'm looking for some inexpensive
> goodies
> for one of my many projects :-)
>
> I'm trying to reconstruct a gutted BC-939-B Antenna Tuning Unit.
> I
> need L5, L44, C22, C30, SW9, all three counter-dials and the
> cover.
> The Antenna Current meter (15A) would be nice too (all I have is
> a
> 3A, and it's a bit smaller than the original).
>
> It looks like someone was trying to build themselves a T-network
> transmatch out of this, but, as one might expect, with that 96uH
> inductor, it didn't work (unless they were shooting for
> 200-meters). Anyhow, it's a sad, awful mess.
>
> Any help would be apreciated.
>
> Thanks & 73
>
> Mike - WA7QZR
> Washington State Army MARS - AAR0HV
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 1401. Re: [T-368_BC-610] Looking for BC-939-B Parts

Yahoo group: T-368_BC-610
Date: 2002-08-23 16:55:12 UTC
From: rbethman@comcast.net
Topic: 1374  Message: 1401

Mike,

Please contact me direct. I have an extra BC-939A. We can either work out a trade, (What have you got?), or a direct sale.

Bob - N0DGN

Bob - N0DGN Craf-T-Bob (Because I love Hallicrafters!)
R-390A EAC '67, R-390A Collins '52, BC-610I, BC-939B,
and BC-614E

> W8KXR
>
> wa7qzr wrote:
>
> > Hello all;
> >
> > It's my first time here and I'm looking for some inexpensive
> > goodies
> > for one of my many projects :-)
> >
> > I'm trying to reconstruct a gutted BC-939-B Antenna Tuning Unit.
> > I
> > need L5, L44, C22, C30, SW9, all three counter-dials and the
> > cover.
> > The Antenna Current meter (15A) would be nice too (all I have is
> > a
> > 3A, and it's a bit smaller than the original).
> >
> > It looks like someone was trying to build themselves a T-network
> > transmatch out of this, but, as one might expect, with that 96uH
> > inductor, it didn't work (unless they were shooting for
> > 200-meters). Anyhow, it's a sad, awful mess.
> >
> > Any help would be apreciated.
> >
> > Thanks & 73
> >
> > Mike - WA7QZR
> > Washington State Army MARS - AAR0HV
> >
> >
> >
> >
> > Your use of Yahoo! Groups is subject to
http://docs.yahoo.com/info/terms/

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> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

# 1402. BC-610 PA Coil C-387-D 2.0-3.5mc

Yahoo group: T-368_BC-610
Date: 2002-08-24 01:01:46 UTC
From: R.J. Mattson
Topic: 1402  Message: 1402

I have two C-387-D PA coils for the BC-610
Will they work on 160 and 75/80m ?
Regards,
Bob Mattson...W2AMI WN2AMI 1962

# 1403. Re: [T-368_BC-610] BC-610 PA Coil C-387-D 2.0-3.5mc

Yahoo group: T-368_BC-610
Date: 2002-08-24 01:07:30 UTC
From: James M. Walker
Topic: 1402  Message: 1403

Coil units are as follows for the BC-610 military transmitters per
TM 11-826 dated october 1952:
c-387-d with plug-in vacuum capacitor C28 2.0 - 2.5 Mhz
c-387-d 2.5 - 3.5 mhz
c-388-c 3.5 - 4.5 mhz
c-389-c 4.5 - 5.7 mhz
c-390-c 5.7 - 8.0 mhz
c-447-b 8.0 - 11.0 mhz
c-448-b 11.0 - 14.0 mhz
c-449-b 14.0 - 18.0 mhz

Jim
WB2FCN

"R.J. Mattson" wrote:
>
> I have two C-387-D PA coils for the BC-610
> Will they work on 160 and 75/80m ?
> Regards,
> Bob Mattson...W2AMI WN2AMI 1962
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 1404. Re: [T-368_BC-610] BC-610 PA Coil C-387-D 2.0-3.5mc

Yahoo group: T-368_BC-610
Date: 2002-08-24 01:08:48 UTC
From: rbethman@comcast.net
Topic: 1402  Message: 1404

Bob,

In a word - no. The 160 mtr coil is C-454 1.5 to 2.0 MC, and the 75/80 mtr coil is C-388-C 3.5 to 4.5 MC.

Bob - N0DGN Craf-T-Bob (Because I love Hallicrafters!)
R-390A EAC '67, R-390A Collins '52, BC-610I, BC-939B,
and BC-614E

----- Original Message -----

R.J. Mattson asked:

BC-610 PA Coil C-387-D 2.0-3.5mc

> I have two C-387-D PA coils for the BC-610
> Will they work on 160 and 75/80m ?
> Regards,
> Bob Mattson...W2AMI WN2AMI 1962

# 1405. BC-610 PA Coil C-387-D 2.0-3.5mc

Yahoo group: T-368_BC-610
Date: 2002-08-24 01:36:29 UTC
From: R.J. Mattson
Topic: 1402  Message: 1405

I guess I could remove turns from one and add them to the other
and have 160 and 80m?
Any interest in a swap out there?
Bob
----- Original Message -----
From: "R.J. Mattson" <rjmattson@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Friday, August 23, 2002 9:01 PM
Subject: [T-368_BC-610] BC-610 PA Coil C-387-D 2.0-3.5mc

I have two C-387-D PA coils for the BC-610
Will they work on 160 and 75/80m ?
Regards,
Bob Mattson...W2AMI WN2AMI 1962

# 1406. [Fwd: [T-368_BC-610] BC-610 PA Coil C-387-D 2.0-3.5mc]

Yahoo group: T-368_BC-610
Date: 2002-08-24 01:45:18 UTC
From: James M. Walker
Topic: 1406  Message: 1406

[Non-text portions of this message have been removed]

# 1407. Re: [T-368_BC-610] BC-610 PA Coil C-387-D 2.0-3.5mc

Yahoo group: T-368_BC-610
Date: 2002-08-24 03:53:05 UTC
From: rbethman@comcast.net
Topic: 1402  Message: 1407

----- Original Message -----
R.J. Mattson said:

BC-610 PA Coil C-387-D 2.0-3.5mc

> I guess I could remove turns from one and add them to the other
> and have 160 and 80m?
> Any interest in a swap out there?
> Bob

Bob,

The simple removing or adding of turns will not work to get where you want to go.

First, the coil spacing is different in each of the different coils produced for the BC-610.

Second, the coupling turns are another matter altogether.

In the case of the 160 mtr coil, C-454 1.5 to 2.0 MC, the main coils them selves have less space between them than their own diameter, the coupling coil is two turns - NON Rotating, and the gap between the two main coil sections is "perhaps" 1/8".

The C-387-D 2.0 to 3.5 MC coil has two main sections of heavier gauge wire with spacing almost equal to their diameter, has a six turn rotating coupling coil, with a gap between the main sections approximating 1/2".

The C-388-C 3.5 to 4.5 MC coil once again has two main sections of a heavier gauge again, has a four turn rotating coupling coil, with a gap between main coil sections approximating 3/4"

You are really going to have to get the real deal.

Quoting WB2FCN, Jim: (With One addition - the 160 mtr coil, C-454 1.5 to 2.0 MC)

Coil units are as follows for the BC-610 military transmitters per TM 11-826 dated october 1952:

c-387-d with plug-in vacuum capacitor C28 2.0 - 2.5 Mhz
c-387-d 2.5 - 3.5 mhz
c-388-c 3.5 - 4.5 mhz
c-389-c 4.5 - 5.7 mhz
c-390-c 5.7 - 8.0 mhz
c-447-b 8.0 - 11.0 mhz
c-448-b 11.0 - 14.0 mhz

c-449-b 14.0 - 18.0 mhz

Bob - N0DGN Craf-T-Bob (Because I love Hallicrafters!)
R-390A EAC '67, R-390A Collins '52, BC-610I, BC-939B,
and BC-614E

# 1408. Re: [T-368_BC-610] BC-610 PA Coil C-387-D 2.0-3.5mc

Yahoo group: T-368_BC-610
Date: 2002-08-24 06:24:43 UTC
From: w7qho@aol.com
Topic: 1402  Message: 1408

In a message dated 8/23/02 8:52:35 PM, rbethman@... writes (in part):

<< The simple removing or adding of turns will not work to get where you want to go......

.....The C-387-D 2.0 to 3.5 MC coil has two main sections of heavier gauge wire with spacing almost equal to their diameter, has a six turn rotating coupling coil, with a gap between the main sections approximating 1/2". >>

Bob,

New one on me. Hate to see original 610 tank coils mutilated but don't see why lopping a few turns off each end of a 387 to get up to 75M wouldn't work FB. Wire size and turns spaceing being a little different than the stock 3.5 - 4.5 MHz unit wouldn't make any difference. Might have to take a turn or two off the variable link too but try it and see first (or just use a series cap.).

Dennis D. W7QHO
Glendale, CA

# 1409. TWO T3's and a BC-610 on EBAY!!!

Yahoo group: T-368_BC-610
Date: 2002-08-24 19:15:01 UTC
From: aidehua@aol.com
Topic: 1409  Message: 1409

Item # 1375892269 (T-368C)

Item # 1375876829 (T-368E)

Item # 1375720032 (BC-610)

No relation to these guys. Just thought I'd highlight the opportunity.

73,
Ed NI6S

[Non-text portions of this message have been removed]

# 1410. ATTENTION T-368 owners

Yahoo group: T-368_BC-610
Date: 2002-08-25 14:09:16 UTC
From: W2ZR@aol.com
Topic: 1410  Message: 1410

Hi,
In a few moments I will distribute an updated copy of the T-368 registry. Please let me know if any of you have additional or corrected info regarding your rigs. Also, if any of you have a T-368 that's not listed, please send it to me so that I may add your rig.

73,
Steve W2ZR

# 1411. T-368 Regsitry 8/25/02

Yahoo group: T-368_BC-610
Date: 2002-08-25 14:09:48 UTC
From: W2ZR@aol.com
Topic: 1411  Message: 1411

W2ZR w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI redmenaced@...
Bendix T-368 E #160
contract 3219-PP-59

WF2U wf2u@...
B&W T-368E #628
contract 15117-PP-62

W8KXR jtone@...
B&W T-368C #216
contract 43056-P-55

Bendix T-368C #209
contract 3219-PP-59

W4WSZ bobm@...
Stromberg-Carlson T-368D #161
contract 39692-PP-58

KF2JQ jprusso@...
AMF T-368A #69
contract 25209-PHILA-54

WB3FAU wb3fau@...
Oneida T-368F #192
contract 15498-PP-63

KA3OTT kazott@...
B&W T-368C #018
contract 43056-P-56

KW1I Dale.Gagnon@...
AMF T-368A #62
contract 25209-PHILA-54

W3NP w3np@...
B&W T-368E #575
contract 15117-PP-62
overhauled at Pirmasens Army Depot

KD1YT tlewis@...
B&W T-368E #27
contract 15117-PP-62

overhauled at Pirmasens Army Depot

KX4R kx4r@...
Crosley T-368C #560
contract 21316-PH-56

WB6DXR lesterw@...
B&W T-368 #18
contract 25633-Phila-53

W2HU reid.j.hagan@...
T-368 #138
(awaiting details)

W7QHO w7qho@...
B&W T-368 #129
contract 25633-PHILA-53

Crosley T-368C #237
contract 28459-PH-55

K2AUS w.d.gallagher@...
TRW T-368F #303
contract 14527(E)

N4FS n4fs@...
TRW T-368F #261
contract 14527(E)

WA1QHQ mark.donaldson@...
B&W T-368 #32
contract 25070-Phila-54

Oneida T-368F #59
contract 15498-PP-63

AE4IN ae4in@...
Daystrom T-368C #46
contract 28597-Phil-55

W5BVB plmills@...
Oneida T-368F #19
contract 15498-PP-63

N4KIA pradams@...
Crosley T-368C #275
contract 28459-PH-55

N2BC n2bc@...
T-368C

K4BVQ PHollifield@...
Bendix T-368E #118
contract 3219-PP-59

overhauled at Pirmasens Army Depot

KF4TP olaf@...
TRW T-368F #190
contract 14527(E)

KE7KK ke7kk@...
Stromber-Carlson T-368D #33
contract 39692-PP-58

W9QM r_longworth@...
Oneida T-368F #149
contract 15498-PP-63

K9RJ jandrjor@...
Stromberg-Carlson T-368D #55
contract 39692-PP-58

WA6IUR fly n ham@...
TRW T-368F #2
contract 14527(E)

W4TDC WA4TDC@...
Crosley T-368C #364
contract 28459-PH-55

K9XH jleer@...
TRW T-368F #238
contract 14527(E)
overhauled at Pirmasens Army Depot

WA4KCY sweetbay@...
TRW T-368F #358
contract 14527(E)

Tom Leiper (no call yet) twleiper@...
Ecco Electronic Components T-368F #76
contract DAAB05-67-C0022

K0WRX PLCullum1823@...
B&W T-368C #305
contract 43056-P-56

W1ZD w1nml@...
TRW T-368F #64
contract 14527(E)

K8OF hamalot@...
T-368C
GDP 2/67

WB2FCN chejmw@...
T-368A (nsn)

WB6ACU WB6ACU@...
B&W T-368C #285
contract 43056-P-56
overhauled at Pirmasens Army Depot

KD3FA billn@...
B&W T-368E #541
contract 11517-PP-62

W3TOY wa3toj@...
B&W T-368 #13
contract 3472-Phila-52

B&W T-368E #206
contract 15117-PP-62

W3PWW (no email)
Crosley T-368C #211
contract 28459-PH-55

W2HER bobziolk@...
Bendix T-368E #152
contract 3219-PP-59

WA0TSY troy-aero@...
B&W T-368C #367
contract 43056-P-56
overhauled at Pirmasens Army Depot

AA9WQ aa9wqham@...
B&W T-368 #22
contract 3472-PHILA-53
overhauled

W7XH billbraden@...
TRW T-368F #359
contract 14527(E)

W1UJR kg2ic@...
T-368F

KC8CU ramsta@...
B&W T-368 #82
contract 25633-PH-53
overhauled at Lexington Blue Grass Army Depot

W3RC dasein@...
ECCO Electronic Components T-368F #114
contract DAAB05-67-C0022

USS New Jersey
TRW T-368F #172
contract 14527(E)

K8TV ken.koyan@...
B&W T-368C #10
contract 43056-P-56

W9XRT jmain@...
Bendix T-368E #17
contract 3219-PP-59

W5KP w5kp@...
Crosley T-368C #51
contract 28459-PH-55

W2ILA tom_mackie@...
ECCO Electronic Components T-368F #103
contract DAAB05-67-C0022

K1KHP k1khp@...
B&W T-368C #123
contract 43056-P-56

B&W T-368E #536
contract 15117-PP-62

WA9ZTY no email
Crosley T-368C
contract 28459-PH-55
AFRS military mod

NI6S aidehua@...
TRW T-368F #260
contract 14527(E)

W0ZR telutz@...
Bendix T-368E #224
contract 3219-PP-59

WA4VAG prc74b@...
Crosley T-368C # 353
contract 28459-PH-55

W4CLM w4clm.ham@...
Oneida T-368F #75
contract 15498-PP-63

K6OSM commtekman@...
Bendix T-368E #133
contract 3219-PP-59

W1DEC davidca@...
Stromberg-Carlson T-368D #104
contract 39692-PP-58

W8ACR skipperclan@...
Bendix T-368E #353

contract 3219-PP-59
overhauled at Pirmasens Army Depot

KK4DF kk4df@...
Bendix T-368E #238
contract 3219-PP-59
overhauled at Pirmasens Army Depot

W1RC w1rc@...
Crosley T-368C #581
contract 21316-PH-56
overhauled at Pirmasens Army Depot

KA4JVY foltarz@...
Oneida T-368F #152
contract 15498-PP-63

N8FRP radio-bud@...
Oneida T-368F #249
contract 15498-PP-63

K0MAZ k0maz@...
(no info at this time)

W4CT bsbooth@...
Stromberg-Carlson T-368D #16
contract 39692-PP-58

# 1412. (no subject)

Yahoo group: T-368_BC-610
Date: 2002-08-25 17:19:39 UTC
From: Chuck Strozier
Topic: 1412  Message: 1412

Hi Folks;

I thought it might be interesting to some of you guys to hear from a person who was a T368 & BC610 repairman in West Germany in the early 1960's.

We were stationed near Nuremberg, and had a central operations station with no less than 70 R390's in several bays with a massive antenna field to listen in on transmissions from the "enemy in the East " and follow their military field exercises. We would find a station, photograph it, DF it, and follow it . Most of the traffic was either CW or RTTY in the HF band. We decoded, interpreted, and sent the info back to the States.
In order to communicate this encrypted info from a number of outstations we used T368's & BC610's. Most were found in AN GRC-26's, and some in AN GRC-41's. We even used Jeep mounted T-195's from time to time-boy they were hard to fix! The BC-610's were used in fixed hidden & remotely keyed locations as channel markers, and operated 24/7 with very little maintenance required-and occasional 3B28 would go bad. We got a kick out of watching the cherry red glow of the 250th.@300ma

As I remember , the components that failed to most in the T368 were 3B28's, antenna relays, and multiplier assy. slug coils- probably due to the "knob twister" happy operators who would guess what settings were necessary for different frequencies, instead of using the chart settings. They fried a number of units this way.

My job consisted of being on call 24/7 to repair a down transmitter or any component that failed at one of the outstations-lots of TDY pay! Would not think anything of hopping in a Jeep at 4:30am ,and running down to a location in Southern Germany with a box full of parts, and a tool box.

Best regards, Chuck Strozier Diamond Bar, CA

[Non-text portions of this message have been removed]

# 1413. Re: [T-368_BC-610]

Yahoo group: T-368_BC-610
Date: 2002-08-25 20:59:24 UTC
From: Gene Beckwith
Topic: 1413  Message: 1413

Chuck,

Adding your story to my T-3 file...

Btw, wonder what the current wisdom is for supporting the antenna relay if it goes belly up...? Probably old info here on the reflector, but have been absent for a time...

73,

Gene
W8KXR

Chuck Strozier wrote:

> Hi Folks;
>
> I thought it might be interesting to some of you guys to hear from a person who was a T368 & BC610 repairman in West Germany in the early 1960's.
>
> We were stationed near Nuremberg, and had a central operations station with no less than 70 R390's in several bays with a massive antenna field to listen in on transmissions from the "enemy in the East " and follow their military field exercises. We would find a station, photograph it, DF it, and follow it . Most of the traffic was either CW or RTTY in the HF band. We decoded, interpreted, and sent the info back to the States.
> In order to communicate this encrypted info from a number of outstations we used T368's & BC610's. Most were found in AN GRC-26's, and some in AN GRC-41's. We even used Jeep mounted T-195's from time to time-boy they were hard to fix! The BC-610's were used in fixed hidden & remotely keyed locations as channel markers, and operated 24/7 with very little maintenance required-and occasional 3B28 would go bad. We got a kick out of watching the cherry red glow of the 250th.@300ma
>
> As I remember , the components that failed to most in the T368 were 3B28's, antenna relays, and multiplier assy. slug coils- probably due to the "knob twister" happy operators who would guess what settings were necessary for different frequencies, instead of using the chart settings. They fried a number of units this way.
>
> My job consisted of being on call 24/7 to repair a down transmitter or any component that failed at one of the outstations-lots of TDY pay! Would not think anything of hopping in a Jeep at 4:30am ,and running down to a location in Southern Germany with a box full of parts, and a tool box.
>
> Best regards, Chuck Strozier Diamond Bar, CA
>
> [Non-text portions of this message have been removed]
>
>

>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 1414. Re: [T-368_BC-610]

Yahoo group: T-368_BC-610
Date: 2002-08-25 23:33:54 UTC
From: Chuck Strozier
Topic: 1414  Message: 1414

----- Original Message -----
From: "Gene Beckwith" <jtone@...>
To: "Chuck Strozier" <ccstrozier@...>
Cc: <T-368_BC-610@yahoogroups.com>
Sent: Sunday, August 25, 2002 1:59 PM
Subject: Re: [T-368_BC-610]

> Chuck,
>
> Adding your story to my T-3 file...
>
> Btw, wonder what the current wisdom is for supporting the antenna relay if it goes belly up...? Probably old info here on the reflector, but have been absent for a time...
>
> 73,
>
> Gene
> W8KXR
>
>
> Chuck Strozier wrote:
>
> > Hi Folks;
> >
> > I thought it might be interesting to some of you guys to hear from a person who was a T368 & BC610 repairman in West Germany in the early 1960's.
> >
> > We were stationed near Nuremberg, and had a central operations station with no less than 70 R390's in several bays with a massive antenna field to listen in on transmissions from the "enemy in the East " and follow their military field exercises. We would find a station, photograph it, DF it, and follow it . Most of the traffic was either CW or RTTY in the HF band. We decoded, interpreted, and sent the info back to the States.
> > In order to communicate this encrypted info from a number of outstations we used T368's & BC610's. Most were found in AN GRC-26's, and some in AN GRC-41's. We even used Jeep mounted T-195's from time to time-boy they were hard to fix! The BC-610's were used in fixed hidden & remotely keyed locations as channel markers, and operated 24/7 with very little maintenance required-and occasional 3B28 would go bad. We got a kick out of watching the cherry red glow of the 250th.@300ma
> >
> > As I remember , the components that failed to most in the T368 were 3B28's, antenna relays, and multiplier assy. slug coils- probably due to the "knob twister" happy operators who would guess what settings were necessary for different frequencies, instead of using the chart settings. They fried a number of units this way.
> >
> > My job consisted of being on call 24/7 to repair a down transmitter or any component

that failed at one of the outstations-lots of TDY pay! Would not think anything of hopping in a Jeep at 4:30am ,and running down to a location in Southern Germany with a box full of parts, and a tool box.
> >
> > Best regards, Chuck Strozier Diamond Bar, CA
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> >
> > Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
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> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
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>

# 1415. Re: [Milsurplus] MRCA Military Radio Meet- Reminder

Yahoo group: T-368_BC-610
Date: 2002-08-27 16:25:29 UTC
From: Joe Foley
Topic: 1415  Message: 1415

--- navrad <navrad@...> wrote:
> Hi All,
>
> Just a reminder that the MRCA (Military Radio
> Collectors Association) will
> be
> holding their second annual Military Radio Meet on
> September 6 - 8 (Fri.,
> Sat., Sun.)
> at the West End Fairgrounds, Gilbert, Pa.
> The meet is held in conjunction with the Red Ball
> Military Transport Annual
> Fall
> Rally & Swap Meet. This is a very large Military
> Vehicle Show & they have
> their own
> flea market (currently over 210 vending spaces sold)
> which includes all
> types of WWII
> vehicle surplus parts & just about anything else
> related, including radio
> equipment.
>
> This is the first time for this show to take place
> at the West End
> Fairgrounds. This
> new location is actually much better & larger than
> where it was previously
> held at the
> Tobyhanna Army Depot. We now have our own building
> approx. 40' x 70' for
> displays,
> demonstrations & talks. In addition, we have a
> grove area that will provide
> participants who wish to set up operating stations
> with plenty of trees for
> antennas.
> Tailgating will be permitted anytime during the meet
> in the grove area.
>
> Please check out our website: www.milradio.org for
> complete details such
> as show
> schedule, maps, registration forms, lodging, etc.
>

>
> Hope to see you at the meet!
>
> Best Regards,
> Steve Finelli N3NNG
> navrad@...
>
>
> _____
> Milsurplus mailing list
> Milsurplus@...
> http://mailman.qth.net/mailman/listinfo/milsurplus

_____
Do You Yahoo!?
Yahoo! Finance - Get real-time stock quotes
http://finance.yahoo.com

# 1416. Re: [MV] Deuce to the rescue!

Yahoo group: T-368_BC-610
Date: 2002-08-29 21:56:17 UTC
From: Joe Foley
Topic: 1416  Message: 1416

Hmm,..... this doesn't sound good for Hams.

--- Greg <czechsix@...> wrote:
> Get in touch with the local Red Cross chapter, local
> Disaster Preparedness,
> volunteer fire departments, or just start your own
> non-profit emergency
> logistics group. It probably wouldn't hurt to check
> in with your local fire
> department either. I've had some success in dealing
> with missing children
> searches and coordinating with the local police
> department - if you haven't
> worked with them before it'll take some time to earn
> their trust - they deal
> with plenty of goofballs all the time, which wind up
> being wanna-bees and
> not being worth the trouble to deal with.
>
> We could have used a few buses and duece's during
> the search for Danielle
> van Dam, that's for sure. But we couldn't even get a
> response from the local
> HAM operators - by the time we were thinking about
> large group transports
> the search was over. Most of the military that I
> liaised with just car
> pooled out to the search areas in POV's - same thing
> for Jahi Turner.
>
> There might also be an issue (at least here in
> Kalifornia) with appearing in
> HMV's that the public could mistake for government
> military vehicles. In
> some of the search operations, the military wanted
> nothing to do with the
> ops, at least officially. Off duty personnel were
> another matter, and they
> could choose to participate on their own time.
>
> Just a few thoughts on the matter,
> Greg
> Vista, CA
>
> 1945? WC52

> 1965 Unimog 404S
>
> Best damned Rhodesian Ridgeback in the world:
> (and not just because she bit Mark P. in the leg..)
> Mzirand. 2.27.90-4.17.01
> RIP
> ----- Original Message -----
> From: "Spunky's Motor Pool"
> <spunkysmotorpool@...>
> To: "Military Vehicles Mailing List"
> <mil-veh@...>
> Sent: Wednesday, August 28, 2002 6:33 PM
> Subject: Re: [MV] Deuce to the rescue!
>
>
> > I think that is the best idea I've heard in a long
> time. Don't know how
> to
> > organize such a thing, but let's all get thinking.
> These trucks can do a
> > whole lot - and in times of disaster (which is
> relative to where you're
> at,
> > as Joe so rightly stated) or even just bad times
> or weather, why couldn't
> > they help? I wish my deuce had been down in
> Newport News helping in the
> > flood - not for glory, but to help....isn't that
> what it's supposed to be
> > about?
> >
> > Come on list, let's get some ideas on how to
> organize this. Who to call,
> > etc. I'm open to any ideas - anybody got any?
> I'm ready to work - but
> > point me in the right direction!
> >
> > My .02 anyway,
> >
> > Helen
> >
> > Spunky's Motor Pool Co.
> > www.spunkysmotorpool.com
> > 10007 Sycamore Landing Rd.
> > Williamsburg, VA 23188
> > (757) 566-3954
> >
> >
>
>

> ===Mil-Veh is a member-supported mailing list===
> To unsubscribe, send e-mail to:
> <mil-veh-off@...>
> To switch to the DIGEST mode, send e-mail to
> <mil-veh-digest@...>
> To reach a human, contact <ack@...>

---
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# 1417. Re: [Milsurplus] NEED IDENT ON CRYSTALS

Yahoo group: T-368_BC-610
Date: 2002-08-29 21:59:28 UTC
From: Joe Foley
Topic: 1417  Message: 1417

--- "Joseph W. Lutz" <tazzie@...> wrote:
> HI,
>
> Have found [10] what appears to be tty crystals.
> All are marked
> with [?MFG?] NEL on them, and then the freq [I.E.
> 23.296KHZ] and
> [?NSN/PART #?] 2354-05. One of them has 60WPM taped
> on the body.
> Can anyone ident, and/or need them? $10.00 shipped
> CONUS if so.
> Thanks,
> JOE
> _____
> Milsurplus mailing list
> Milsurplus@...
> http://mailman.qth.net/mailman/listinfo/milsurplus

_____
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# 1418. Re: Fw: Fwd: Something to do this weekend

Yahoo group: T-368_BC-610
Date: 2002-08-30 21:35:45 UTC
From: Joe Foley
Topic: 1418  Message: 1418

This was sent to me:

> >This is something I think would be great to do over
> this holiday weekend
>
> >when most people will have a little time.
> >
> >
> >Classification: UNCLASSIFIED
> >
> >If you are so inclined, visit the Department of
> Defense web page below
> and
> >sign a brief message thanking the men and women of
> the U.S. military
> >services for defending our freedom. The compiled
> list of names will be
> sent
> >out to our soldiers at the end of the month. So
> far, there are barely
> >580,770 names -- what a shame.
> >
> >National <http://www.defendamerica.mil/nmam.html>
> Military Appreciation
>
> >Month

---
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# 1419. T-368 FOR SALE

Yahoo group: T-368_BC-610
Date: 2002-08-30 21:48:29 UTC
From: redmenaced
Topic: 1419  Message: 1419

Here it is!!

Near Pittsburg, PA, only 16 hours left in the bidding.

Its going CHEAP!!

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=1375876829

# 1420. Re: [Boatanchors] Loading Knob

Yahoo group: T-368_BC-610
Date: 2002-08-31 01:03:48 UTC
From: Joe Foley
Topic: 1420  Message: 1420

I'll post this to the T-368/BC-610 mailing list and
see what turns up.

Joe

--- "Robert C. Crawford" <k8vfv@...> wrote:
> I am looking for a "Coupling Increase" knob for a
> BC-939-B
>
> Thanks & 73 de,
> Bob
> ARS K8VFV since 1960
> Life Member: ARRL & QCWA
> Member of: 10-X & CCA
> email: k8vfv@...
>
> _____
> Boatanchors mailing list
> Boatanchors@...
> http://mailman.qth.net/mailman/listinfo/boatanchors

_____
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http://finance.yahoo.com

# 1421. 3 inch heliax HJ8-50B

Yahoo group: T-368_BC-610
Date: 2002-09-01 16:52:01 UTC
From: James M. Walker
Topic: 1421  Message: 1421

Hello,
I have available a 1052 foot roll of ANDREW HJ8-50B
3 inch heliax. New unused, asking price is 15.00 per
foot. Serious interested parties only thanks. Email for
photo of cable in shipping container. Shipping weight
2,160 pounds Tare weight. Thanks for reading.

Jim
WB2FCN

# 1422. T-368 Registry 9/2/02

Yahoo group: T-368_BC-610
Date: 2002-09-02 14:04:56 UTC
From: W2ZR@aol.com
Topic: 1422  Message: 1422

W2ZR w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI redmenaced@...
Bendix T-368 E #160
contract 3219-PP-59

WF2U wf2u@...
B&W T-368E #628
contract 15117-PP-62

W8KXR jtone@...
B&W T-368C #216
contract 43056-P-55

Bendix T-368C #209
contract 3219-PP-59

W4WSZ bobm@...
Stromberg-Carlson T-368D #161
contract 39692-PP-58

KF2JQ jprusso@...
AMF T-368A #69
contract 25209-PHILA-54

WB3FAU wb3fau@...
Oneida T-368F #192
contract 15498-PP-63

KA3OTT kazott@...
B&W T-368C #018
contract 43056-P-56

KW1I Dale.Gagnon@...
AMF T-368A #62
contract 25209-PHILA-54

W3NP w3np@...
B&W T-368E #575
contract 15117-PP-62
overhauled at Pirmasens Army Depot

KD1YT tlewis@...
B&W T-368E #27
contract 15117-PP-62

overhauled at Pirmasens Army Depot

KX4R kx4r@...
Crosley T-368C #560
contract 21316-PH-56

WB6DXR lesterw@...
B&W T-368 #18
contract 25633-Phila-53

W2HU reid.j.hagan@...
T-368 #138
(awaiting details)

W7QHO w7qho@...
B&W T-368 #129
contract 25633-PHILA-53

Crosley T-368C #237
contract 28459-PH-55

K2AUS w.d.gallagher@...
TRW T-368F #303
contract 14527(E)

N4FS n4fs@...
TRW T-368F #261
contract 14527(E)

WA1QHQ mark.donaldson@...
B&W T-368 #32
contract 25070-Phila-54

Oneida T-368F #59
contract 15498-PP-63

AE4IN ae4in@...
Daystrom T-368C #46
contract 28597-Phil-55

W5BVB plmills@...
Oneida T-368F #19
contract 15498-PP-63

N4KIA pradams@...
Crosley T-368C #275
contract 28459-PH-55

N2BC n2bc@...
T-368C

K4BVQ PHollifield@...
Bendix T-368E #118
contract 3219-PP-59

overhauled at Pirmasens Army Depot

KF4TP olaf@...
TRW T-368F #190
contract 14527(E)

KE7KK ke7kk@...
Stromber-Carlson T-368D #33
contract 39692-PP-58

W9QM r_longworth@...
Oneida T-368F #149
contract 15498-PP-63

K9RJ jandrjor@...
Stromberg-Carlson T-368D #55
contract 39692-PP-58

WA6IUR fly n ham@...
TRW T-368F #2
contract 14527(E)

W4TDC WA4TDC@...
Crosley T-368C #364
contract 28459-PH-55

K9XH jleer@...
TRW T-368F #238
contract 14527(E)
overhauled at Pirmasens Army Depot

WA4KCY sweetbay@...
TRW T-368F #358
contract 14527(E)

Tom Leiper (no call yet) twleiper@...
Ecco Electronic Components T-368F #76
contract DAAB05-67-C0022

K0WRX PLCullum1823@...
B&W T-368C #305
contract 43056-P-56

W1ZD w1nml@...
TRW T-368F #64
contract 14527(E)

K8OF hamalot@...
T-368C
GDP 2/67

WB2FCN chejmw@...
T-368A (nsn)

WB6ACU WB6ACU@...
B&W T-368C #285
contract 43056-P-56
overhauled at Pirmasens Army Depot

KD3FA billn@...
B&W T-368E #541
contract 11517-PP-62

W3TOY wa3toj@...
B&W T-368 #13
contract 3472-Phila-52

B&W T-368E #206
contract 15117-PP-62

W3PWW (no email)
Crosley T-368C #211
contract 28459-PH-55

W2HER bobziolk@...
Bendix T-368E #152
contract 3219-PP-59

WA0TSY troy-aero@...
B&W T-368C #367
contract 43056-P-56
overhauled at Pirmasens Army Depot

AA9WQ aa9wqham@...
B&W T-368 #22
contract 3472-PHILA-53
overhauled

W7XH billbraden@...
TRW T-368F #359
contract 14527(E)

W1UJR kg2ic@...
T-368F

KC8CU ramsta@...
B&W T-368 #82
contract 25633-PH-53
overhauled at Lexington Blue Grass Army Depot

W3RC dasein@...
ECCO Electronic Components T-368F #114
contract DAAB05-67-C0022

USS New Jersey
TRW T-368F #172
contract 14527(E)

K4KWM k4kwm@...
B&W T-368C #10
contract 43056-P-56

W9XRT jmain@...
Bendix T-368E #17
contract 3219-PP-59

W5KP w5kp@...
Crosley T-368C #51
contract 28459-PH-55

W2ILA tom_mackie@...
ECCO Electronic Components T-368F #103
contract DAAB05-67-C0022

K1KHP k1khp@...
B&W T-368C #123
contract 43056-P-56

B&W T-368E #536
contract 15117-PP-62

WA9ZTY no email
Crosley T-368C
contract 28459-PH-55
AFRS military mod

NI6S aidehua@...
TRW T-368F #260
contract 14527(E)

W0ZR telutz@...
Bendix T-368E #224
contract 3219-PP-59

WA4VAG prc74b@...
Crosley T-368C # 353
contract 28459-PH-55

W4CLM w4clm.ham@...
Oneida T-368F #75
contract 15498-PP-63

K6OSM commtekman@...
Bendix T-368E #133
contract 3219-PP-59

W1DEC davidca@...
Stromberg-Carlson T-368D #104
contract 39692-PP-58

W8ACR skipperclan@...
Bendix T-368E #353

contract 3219-PP-59
overhauled at Pirmasens Army Depot

KK4DF kk4df@...
Bendix T-368E #238
contract 3219-PP-59
overhauled at Pirmasens Army Depot

W1RC w1rc@...
Crosley T-368C #581
contract 21316-PH-56
overhauled at Pirmasens Army Depot

KA4JVY foltarz@...
Oneida T-368F #152
contract 15498-PP-63

N8FRP radio-bud@...
Oneida T-368F #249
contract 15498-PP-63

K0MAZ k0maz@...
(no info at this time)

W4CT bsbooth@...
Stromberg-Carlson T-368D #16
contract 39692-PP-58

Scott polaraligned@...
Bendix T-368E #102
contract 3219-PP-59

# 1423. Impromptu AM Pot Luck Lunch at Butler, PA meet this weekend.

Yahoo group: T-368_BC-610
Date: 2002-09-03 02:37:03 UTC
From: Mark Foltarz
Topic: 1423  Message: 1423

Be sure to join us at Butler this weekend for the
somewhat impromptu AM pot luck lunch.

Look for the white tent, BBQ grill and the little
diesel VW pickup truck. Should be set up in the "AM
row" nearest the airport side of the flea market.

Bring something if you want or just show up.

DE KA4JVY

Mark

---
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http://finance.yahoo.com

# 1424. Boy Scout JOTA

Yahoo group: T-368_BC-610
Date: 2002-09-08 00:07:15 UTC
From: redmenaced
Topic: 1424  Message: 1424

How much support can we give these guys? So far they don't have any support for AM listed on their frequency schedule,..... we should change that!

http://www.arrl.org/FandES/ead/jota.html

# 1425. Re: [T-368_BC-610] Boy Scout JOTA

Yahoo group: T-368_BC-610
Date: 2002-09-08 17:15:27 UTC
From: rbethman@comcast.net
Topic: 1424  Message: 1425

I fully believe in supporting AM for them.

I have only one concern. Last year they operated in the East Coast area, and CONSISTENTLY ran SSB up on the 40 mtr AM segment. They were repeatedly asked to move down. However, it was ignored and it was almost "intentional" interference.

If that's what we can expect - I won't support them.

If they will honor the "AM Window", I'll light off my BC-610 and the rest of the station and provide 40 mtr AM during the weekend.

Bob - N0DGN

----- Original Message ----- From: "redmenaced" <redmenaced@...>

| How much support can we give these guys? So far they don't have any
| support for AM listed on their frequency schedule,..... we should
| change that!
|
|
| http://www.arrl.org/FandES/ead/jota.html
|
|

# 1426. transformer for BC-610 (copied from a newsgroup. don't reply to me)

Yahoo group: T-368_BC-610
Date: 2002-09-08 18:16:48 UTC
From: W2ZR@aol.com
Topic: 1426  Message: 1426

Subject: FS Power Trans for a BC610 From: paul332@... (Paul332) Date: 9/8/2002 1:41 PM Eastern Daylight Time Message-id: I have a power trans. from a BC610. (Hallicrafters HT4). 117v pri. tapped for 2000 or 2500vdc at 500 ma. This item is very heavy. I want $135.00 plus shipping. I will deliver to the westernmost states for $100. Any farther gets more expensive. Call 760-375-4505 or email to paul332@.... [Non-text portions of this message have been removed]

# 1427. FS: T-368 iron and tubes

Yahoo group: T-368_BC-610
Date: 2002-09-08 20:29:40 UTC
From: Tom Smith
Topic: 1427  Message: 1427

Hi,
I have a T-368/C modulation transformer and several pairs of 4-125 and a few 4-400 and 6000s. Also have some spare meters, a vfo and knobs. I recently sold my T-368/C and have my remaining BC-610-E. I would be interested in swapping for some 610-E model iron (I already have a spare modulation transformer for the E) but would entertain other 610 material. All are used except I think a pair of the 4-125s are either NOS or very lightly used. All tested good under operating conditions. Any interest in swaps?? I can provide jpegs if needed.

Thanks,

Tom N5AMA

[Non-text portions of this message have been removed]

# 1428. BC-610 manual on E-bay

Yahoo group: T-368_BC-610
Date: 2002-09-11 02:35:59 UTC
From: redmenaced
Topic: 1428  Message: 1428

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=1379217808

# 1429. Ideas?

Yahoo group: T-368_BC-610
Date: 2002-09-12 03:15:37 UTC
From: rbethman@comcast.net
Topic: 1429  Message: 1429

Folks,

Would be interested on methods to flip from transmit, I.e., a T-R relay, or method of muting the receiver when going to transmit. I'm still doing the old methodology, flip receiver to stand-by, then going into transmit mode with the BC-610.

Somehow there HAS to be a better and smoother way.

Ideas? Suggestions? Solutions you use?

TIA!

Bob - N0DGN Craf-T-Bob (mywebpages.comcast.net/rbethman/)
(Because I love Hallicrafters!) R-390A EAC '67, R-390A Collins '52,
BC-610I, BC-939B, and BC-614E

[Non-text portions of this message have been removed]

# 1430. Re: [T-368_BC-610] Ideas?

Yahoo group: T-368_BC-610
Date: 2002-09-12 03:49:25 UTC
From: wa5cab@cs.com
Topic: 1429  Message: 1430

In a message dated 9/11/2002 10:15:13 PM Central Daylight Time,
rbethman@... writes:
> Would be interested on methods to flip from transmit, I.e., a T-R relay,
> or method of muting the receiver when going to transmit. I'm still doing
> the old methodology, flip receiver to stand-by, then going into transmit
> mode with the BC-610.
>
> Somehow there HAS to be a better and smoother way.
>
> Ideas? Suggestions? Solutions you use?
>
All of the details of the way that it was originally done are in TM 11-280
and TM 11-281. Will work fine with the original receivers (BC-312/342,
OA-65/MRC-2 or R-336/GRC-26), as well as most Navy sets. TM 11-281B shows
the slightly different approach used with the R-388, which should also work
with an R-390 or R-390A and I think with any of the Super Pro models
(110/210/400/600 and military nomenclatured equivalents).

73
Robert Downs
Houston
<WA5CAB@...>

[Non-text portions of this message have been removed]

# 1431. Re: [T-368_BC-610] Ideas?

Yahoo group: T-368_BC-610
Date: 2002-09-12 23:45:59 UTC
From: Joe Foley
Topic: 1429  Message: 1431

I use the BREAK-IN circuit on the R-390A for muting
the receiver when transmitting on the T-368. It
grounds the antenna inputs and both audio amp inputs.
You still need to reduce the RF GAIN somewhat. All
that is required is to find a point on the transmitter
circuit where there is a relay with a set of dry
contacts that can ground the terminal labeled on the
back of the R-390A when transmitting.

Joe

--- rbethman@... wrote:
> R-390A
>
> ----- Original Message -----
> From: "Joe Foley" <redmenaced@...>
> To: <rbethman@...>
> Sent: Thursday, September 12, 2002 11:19 AM
> Subject: Re: [T-368_BC-610] Ideas?
>
>
> | What kind of receiver? Or are you talking about
> any
> | generic receiver?
> |
> | Joe
> |
> |
> |
> | --- rbethman@... wrote:
> | > Folks,
> | >
> | > Would be interested on methods to flip from
> | > transmit, I.e., a T-R relay, or method of muting
> the
> | > receiver when going to transmit. I'm still
> doing
> | > the old methodology, flip receiver to stand-by,
> then
> | > going into transmit mode with the BC-610.
> | >
> | > Somehow there HAS to be a better and
> smoother
> | > way.
> | >

> | > Ideas? Suggestions? Solutions you use?
> | >
> | > TIA!
> | >
> | > Bob - N0DGN Craf-T-Bob
> | > (mywebpages.comcast.net/rbethman/)
> | > (Because I love Hallicrafters!) R-390A EAC '67,
> | > R-390A Collins '52,
> | > BC-610I, BC-939B, and BC-614E
> | >
> | >
> | > [Non-text portions of this message have been
> | > removed]
> | >
> | >
> |
> |
> | _____
> | Do you Yahoo!?
> | Yahoo! News - Today's headlines
> | http://news.yahoo.com
>

_____
Do you Yahoo!?
Yahoo! News - Today's headlines
http://news.yahoo.com

# 1432. WTB: Eimac 4D21 (4-125A) Tubes(2 ea.)

Yahoo group: T-368_BC-610
Date: 2002-09-16 07:13:12 UTC
From: aidehua@aol.com
Topic: 1432  Message: 1432

Need two of these for my T3 modulator. I would prefer NOS. Thanks.

Ed NI6S

[Non-text portions of this message have been removed]

# 1433. Re: [T-368_BC-610] WTB: Eimac 4D21 (4-125A) Tubes(2 ea.)

Yahoo group: T-368_BC-610
Date: 2002-09-17 00:59:40 UTC
From: Joe Foley
Topic: 1432  Message: 1433

--- Aidehua@... wrote:
> Does the pair have to be matched???
++++++++++++
Because the T-3 has no way to adjust the bias of each
tube you would have to use balanced 4-125's or install
a circuit that will allow seperate bias control.

Other on the list have the information and schematic
to do this. N2BC? Are you out there?

What's the
> going rate???
++++=
$80 to $100+

Joe

>

_____
Do you Yahoo!?
Yahoo! News - Today's headlines
http://news.yahoo.com

# 1434. Re: [T-368_BC-610] WTB:  Eimac 4D21 (4-125A) Tubes(2 ea.)

Yahoo group: T-368_BC-610
Date: 2002-09-17 03:18:19 UTC
From: w7qho@aol.com
Topic: 1434  Message: 1434

In a message dated 9/16/02 6:00:16 PM, redmenaced@... writes:

> Because the T-3 has no way to adjust the bias of each
> tube you would have to use balanced 4-125's or install
> a circuit that will allow seperate bias control.
>
> Other on the list have the information and schematic
> to do this.
>

All,

Over the years I've mixed old and new 4-125 modulators and mixed brands too. Never found balance to be a practical problem unless, of course, one tube was totally dead or almost so. In fact, a useful measure of negative cycle loading can be achieved by putting a weak tube on the side that controls the negative excursion of the modulated waveform.

A quick and dirty check on balance can be done by taking the back off the T-3, keying the rig into a dummy load while setup for AM, backing down on the modulator bias and noting whether or not both tube plates begin to show color at the same point. If not, the stronger tube would likely be the one that lights up first. HV exposed here so take appropriate precautions and there's an interlock on the back cover that will have to be bypassed to do this.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 1435. Re: [Milsurplus] An interesting WW II signals site

Yahoo group: T-368_BC-610
Date: 2002-09-19 21:48:15 UTC
From: Joe Foley
Topic: 1435  Message: 1435

This site shows a BC-610 in the back of a JEEP!?!

--- "J. Forster" <jfor@...> wrote:
> http://www.qsl.net/pe1ngz/
>
> This is a very well done site for WW II signals
> equipment, including radar.
>
> -John
>
> _____________________________________________
> Milsurplus mailing list
> Milsurplus@...
> http://mailman.qth.net/mailman/listinfo/milsurplus

_____________________________________________
Do you Yahoo!?
New DSL Internet Access from SBC & Yahoo!
http://sbc.yahoo.com

# 1436. Re: [T-368_BC-610] Re: [Milsurplus] An interesting WW II signals site

Yahoo group: T-368_BC-610
Date: 2002-09-19 22:11:01 UTC
From: Roy Morgan
Topic: 1435  Message: 1436

At 02:48 PM 9/19/02 -0700, you wrote:
>This site shows a BC-610 in the back of a JEEP!?!

Dem army guys would do anything to get the job done.
They call it an SCR-399, though
See:
http://www.qsl.net/pe1ngz/signalscollection.html
part way down.. a black and white photograph.

Roy

- Roy Morgan
National Institute of Standards and Technology
100 Bureau Drive, Stop 8970
Gaithersburg MD 20899-8970
Voice: 301-975-3254 Fax: 301-948-6213
E-mail: roy.morgan@... --

# 1437. Re: [T-368_BC-610] Re: [Milsurplus] An interesting WW II signals site

Yahoo group: T-368_BC-610
Date: 2002-09-19 23:54:50 UTC
From: Jack Taylor
Topic: 1435  Message: 1437

One of the locals claims he made a postwar BC-610 Jeep installation in
Panama. It was powered from a trailer mounted generator.

73 de Jack

----- Original Message -----
From: Joe Foley <redmenaced@...>
To: <t-368_bc-610@yahoogroups.com>
Sent: Thursday, September 19, 2002 2:48 PM
Subject: [T-368_BC-610] Re: [Milsurplus] An interesting WW II signals site

> This site shows a BC-610 in the back of a JEEP!?!
>
>
>
>
> --- "J. Forster" <jfor@...> wrote:
> > http://www.qsl.net/pe1ngz/
> >
> > This is a very well done site for WW II signals
> > equipment, including radar.
> >
> > -John
> >
> > _____________________________________________
> > Milsurplus mailing list
> > Milsurplus@...
> > http://mailman.qth.net/mailman/listinfo/milsurplus
>
>
> _____________________________________________
> Do you Yahoo!?
> New DSL Internet Access from SBC & Yahoo!
> http://sbc.yahoo.com
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 1438. Anyone know this guy?

Yahoo group: T-368_BC-610
Date: 2002-09-20 01:57:45 UTC
From: redmenaced
Topic: 1438  Message: 1438

Olaf Madsen, his mailbox has been full for over a month.

I think he's in N. Carolina.

Joe

# 1439. This site could come in handy

Yahoo group: T-368_BC-610
Date: 2002-09-21 00:16:13 UTC
From: redmenaced
Topic: 1439  Message: 1439

http://www.fas.org/news/reference/lexicon/acronym.htm

# 1440. Re: [T-368_BC-610] Ideas?

Yahoo group: T-368_BC-610
Date: 2002-09-23 23:53:35 UTC
From: Gene Beckwith
Topic: 1429  Message: 1440

Gents,

Time recently is at a premium, but have used the approach of bringing out the 120 vac to the internal relay and am setting up an additional multi contact external to handle muting ... will do some daisy chaining to do both mil recvrs and Ham types, depending on mute system/grounding needed. Also planning to cut audio line with relay and possibly run a pad to open it a bit if possible for local monitoring...

Status...120 has been brought out and am struggling for time to mount relays on 19 inch rack control center...Whew...now to fix a dead BFO on my R390A...it just never ends...

73 to all es enjoy catching as many of the postings as possible...

de W8KXR

Gene

Joe Foley wrote:

> I use the BREAK-IN circuit on the R-390A for muting
> the receiver when transmitting on the T-368. It
> grounds the antenna inputs and both audio amp inputs.
> You still need to reduce the RF GAIN somewhat. All
> that is required is to find a point on the transmitter
> circuit where there is a relay with a set of dry
> contacts that can ground the terminal labeled on the
> back of the R-390A when transmitting.
>
> Joe
>
> --- rbethman@... wrote:
> > R-390A
> >
> > ----- Original Message -----
> > From: "Joe Foley" <redmenaced@...>
> > To: <rbethman@...>
> > Sent: Thursday, September 12, 2002 11:19 AM
> > Subject: Re: [T-368_BC-610] Ideas?
> >
> >
> > | What kind of receiver? Or are you talking about
> > any
> > | generic receiver?
> > |
> > | Joe

> > |
> > |
> > |
> > | --- rbethman@... wrote:
> > | > Folks,
> > | >
> > | > Would be interested on methods to flip from
> > | > transmit, I.e., a T-R relay, or method of muting
> > the
> > | > receiver when going to transmit. I'm still
> > doing
> > | > the old methodology, flip receiver to stand-by,
> > then
> > | > going into transmit mode with the BC-610.
> > | >
> > | > Somehow there HAS to be a better and
> > smoother
> > | > way.
> > | >
> > | > Ideas? Suggestions? Solutions you use?
> > | >
> > | > TIA!
> > | >
> > | > Bob - N0DGN Craf-T-Bob
> > | > (mywebpages.comcast.net/rbethman/)
> > | > (Because I love Hallicrafters!) R-390A EAC '67,
> > | > R-390A Collins '52,
> > | > BC-610I, BC-939B, and BC-614E
> > | >
> > | >
> > | > [Non-text portions of this message have been
> > | > removed]
> > | >
> > | >
> > |
> > |
> > | _____
> > | Do you Yahoo!?
> > | Yahoo! News - Today's headlines
> > | http://news.yahoo.com
> >
>
> _____
> Do you Yahoo!?
> Yahoo! News - Today's headlines
> http://news.yahoo.com
>
>
>
>

> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 1441. Bird slugs for sale or trade

Yahoo group: T-368_BC-610
Date: 2002-09-24 09:43:17 UTC
From: rbethman@comcast.net
Topic: 1441  Message: 1441

I have the following Bird Slugs for sale or trade, reasonable offers, before they go to the "E" place:

1 ea 50W - .95 to 1.26 GHz

1 ea 25W - 1.7 to 2.2 GHz

1 ea 10KW - 0.45 to 2.5 MHz

All are VERY clean and in VERY good condition.

Please E-Mail Direct.

Bob - N0DGN Craf-T-Bob (mywebpages.comcast.net/rbethman/)
(Because I love Hallicrafters!) R-390A EAC '67, R-390A Collins '52, BC-610I, BC-939B, and BC-614E

[Non-text portions of this message have been removed]

# 1442. Re: Bird slugs for sale or trade

Yahoo group: T-368_BC-610
Date: 2002-09-24 14:30:55 UTC
From: rbethman@comcast.net
Topic: 1441  Message: 1442

The 1 ea 25W - 1.7 to 2.2 GHz is the only one left.

Bob - N0DGN

[Non-text portions of this message have been removed]

# 1443. vacuum variable for T-368 being auctioned

Yahoo group: T-368_BC-610
Date: 2002-09-27 23:25:57 UTC
From: W2ZR@aol.com
Topic: 1443  Message: 1443

<PRE>http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=1383282307

# 1444. New mailing list

Yahoo group: T-368_BC-610
Date: 2002-09-29 17:07:46 UTC
From: redmenaced
Topic: 1444  Message: 1444

For those interested I started a new mailing list for Military
Generators, its at Yahoo Groups under:

MilGensets

Joe

# 1445. Fair Radio!

Yahoo group: T-368_BC-610
Date: 2002-10-03 00:52:28 UTC
From: redmenaced
Topic: 1445  Message: 1445

http://www.fairradio.com/06000.htm

# 1446. An Tuna Tinner!

Yahoo group: T-368_BC-610
Date: 2002-10-04 22:58:35 UTC
From: redmenaced
Topic: 1446  Message: 1446

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=1385346203

# 1447. Re: [T-368_BC-610] An Tuna Tinner!

Yahoo group: T-368_BC-610
Date: 2002-10-05 01:50:30 UTC
From: w7qho@aol.com
Topic: 1446  Message: 1447

In a message dated 10/4/02 4:01:05 PM, redmenaced@... writes:

> http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=1385346203
>
>

Looks like it's in good shape. These things aren't much use, though, unless
you want to load into a 25 - 30 ft whip.

Dennis D. W7QHO

[Non-text portions of this message have been removed]

# 1448. RE: [T-368_BC-610] An Tuna Tinner!

Yahoo group: T-368_BC-610
Date: 2002-10-05 01:58:55 UTC
From: WF2U
Topic: 1446  Message: 1448

These tuners also work with long-wire antennas...

73, Meir WF2U

-----Original Message-----
From: w7qho@... [mailto:w7qho@...]
Sent: Friday, October 04, 2002 9:51 PM
To: redmenaced@...; T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] An Tuna Tinner!

In a message dated 10/4/02 4:01:05 PM, redmenaced@... writes:

> http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=1385346203
>
>

Looks like it's in good shape. These things aren't much use, though,
unless
you want to load into a 25 - 30 ft whip.

Dennis D. W7QHO

# 1449. Re: [T-368_BC-610] An Tuna Tinner!

Yahoo group: T-368_BC-610
Date: 2002-10-05 01:59:04 UTC
From: Dan
Topic: 1446  Message: 1449

They do "complete the classic look", Were any of these black wrinkle?

Dan N8ETQ CLE
SCR-499 (minus CH-121)

w7qho@... wrote:
> In a message dated 10/4/02 4:01:05 PM, redmenaced@... writes:
>
>
>
>>http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=1385346203
>>
>>
>
>
> Looks like it's in good shape. These things aren't much use, though, unless
> you want to load into a 25 - 30 ft whip.
>
> Dennis D. W7QHO
>
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 1450. Re: [T-368_BC-610] An Tuna Tinner!

Yahoo group: T-368_BC-610
Date: 2002-10-05 02:43:19 UTC
From: James M. Walker
Topic: 1446  Message: 1450

Ah,
Actually, as for the type of antenna tuner, it works 2 - 18 MHZ into a 5 section whip antenna MS-115 through MS-117 making the length about 13 foot long. The recommended Long Wire length is 44 foot and the BC-610 transmitters will work into a dipole (50 ohm coax) cut to the proper length without the tuner in the line. Your mileage may vary!

As for the unit displayed it is missing the input (to the coupler) insulators and the coax that feeds the input variable coil seems to end at the bottom of the chassis! The input tuning coil KNOB is wrong for both types of couplers as the thing turns like an 18 wheeler unless it has been cleaned and lubed. All the ones I have turn stiffly even after cleaning and lubing. The color indicates that it MAY have been used in Air Force service, it is blue, not blue-gray (ala T-368) not black (ala BC-610) so may have been repainted by someone along its' journey.

I used one in a mobile configuration, using the 13 foot whip mounted on a van and running a Eico 753 on 80/40/20 meters. Actually tunes quite well
and gets out quite well also. When using it in a long-wire mode it is advisable to have an 8 foot ground rod and a short connecting cable to the
rod and the case of the tuner (For ground). Then the unit is a great performer. I use one here from time to time, and get great results!

Jim
WB2FCN
http://eshop1.chem.buffalo.edu

w7qho@... wrote:
>
> In a message dated 10/4/02 4:01:05 PM, redmenaced@... writes:
>
> > http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=1385346203
> >
> >
>
> Looks like it's in good shape. These things aren't much use, though, unless
> you want to load into a 25 - 30 ft whip.
>
> Dennis D. W7QHO
>
> [Non-text portions of this message have been removed]
>
>
>

>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 1451. Re: [T-368_BC-610] An Tuna Tinner!

Yahoo group: T-368_BC-610
Date: 2002-10-05 02:45:32 UTC
From: James M. Walker
Topic: 1446  Message: 1451

Yes I have one Black wrinkle and 1 Black gloss BC-939A and BC-939B
Jim
WB2FCN

Dan wrote:
>
> They do "complete the classic look", Were any of these black wrinkle?
>
> Dan N8ETQ CLE
> SCR-499 (minus CH-121)
>
> w7qho@... wrote:
> > In a message dated 10/4/02 4:01:05 PM, redmenaced@... writes:
> > >
> > >
> > >
> > >>http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=1385346203
> > >>
> > >>
> > >
> > >
> > > Looks like it's in good shape. These things aren't much use, though, unless
> > > you want to load into a 25 - 30 ft whip.
> > >
> > > Dennis D. W7QHO
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> > >
> > >
> > >
> > > Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
> > >
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> > Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 1452. BC 939 antenna tuner

Yahoo group: T-368_BC-610
Date: 2002-10-05 03:10:12 UTC
From: k1khpjohn
Topic: 1143  Message: 1452

By adding shunt capacity from output to ground this tuner can become very versatile. Value ranges from 25 to 400 pf. or so. In the low range I added 300 pf. and on the high range I added 50 pf. I used 15 kv. doorknobs internally mounted but an externally connected variable would work fine. I use a 21 ft.side mounted marine antenna (Morad WH-21)about 8 ft. from the tower, 15 ft. above the ground. The feed to the coupler is about 15 ft. long. In low range I can tune 80 and 40 M. It's down 2 S units from the G5RV. In the high range I can tune 20 thru 10 M. It equals or surpasses the G5RV. I have 8 - 8 ft. ground rods at the base of the Rohn 45 tower and some ground wires bonding other antenna supports and towers. The purpose was to provide a secondary antenna for the higher bands. I plan to try improvements on the ground system. I may try a couple of elevated radials.

# 1453. Re: [T-368_BC-610] An Tuna Tinner!

Yahoo group: T-368_BC-610
Date: 2002-10-05 03:18:46 UTC
From: w7qho@aol.com
Topic: 1446  Message: 1453

In a message dated 10/4/02 7:02:03 PM, wf2u@... writes:

> These tuners  also work with long-wire antennas...
>
>

Well, that may depend on the definition of "long wire." I know about the switch position labeled as such but in a good afternoon's worth of trying I couldn't get a match into a 120 ft. piece of wire on 75 or 40M with the thing with any combination of switch or inductor positions. In the long wire switch position, in fact, the tuner is configured as a series tuned circuit (C30 in series with L6). From this it would appear that "long wire" meant something near a quarter wavelength, 65 ft on 75M for ex.

Dennis D. W7QHO

[Non-text portions of this message have been removed]

# 1454. Re: [T-368_BC-610] An Tuna Tinner!

Yahoo group: T-368_BC-610
Date: 2002-10-05 03:53:19 UTC
From: James M. Walker
Topic: 1446  Message: 1454

Yes but the manual for the BC-610 tells you how lon the wire needs to be
it calls for 40 - 44 feet and I use 44 here and they tune great with the
coupler, however the ground system is very important. even it the van
the
ground is to the frame of the vehicle and the coupler tunes a 15 foot
whip
as well no coils outside the vehicle to break or otherwise damage!
Jim
WB2FCN

w7qho@... wrote:
>
> In a message dated 10/4/02 7:02:03 PM, wf2u@... writes:
>
> > These tuners also work with long-wire antennas...
> >
> >
>
> Well, that may depend on the definition of "long wire." I know about the
> switch position labeled as such but in a good afternoon's worth of trying I
> couldn't get a match into a 120 ft. piece of wire on 75 or 40M with the thing
> with any combination of switch or inductor positions. In the long wire
> switch position, in fact, the tuner is configured as a series tuned circuit
> (C30 in series with L6). From this it would appear that "long wire" meant
> something near a quarter wavelength, 65 ft on 75M for ex.
>
> Dennis D. W7QHO
>
> [Non-text portions of this message have been removed]
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 1455. Re: [T-368_BC-610] An Tuna Tinner!

Yahoo group: T-368_BC-610
Date: 2002-10-05 04:48:21 UTC
From: w7qho@aol.com
Topic: 1446  Message: 1455

In a message dated 10/4/02 8:58:44 PM, chejmw@... writes:

> Yes but the manual for the BC-610 tells you how lon the wire needs to be
> it calls for 40 - 44 feet and I use 44 here and they tune great with the
> coupler, however the ground system is very important. even it the van
> the
> ground is to the frame of the vehicle and the coupler tunes a 15 foot
> whip
> as well no coils outside the vehicle to break or otherwise damage!
> Jim
>

Well, yes, as I said before it all depends on what one calls a "long wire" (TM 11-281 for the SCR-399 gives a range of 25 - 100 ft BTW, and also lists 15 and 25 ft. whip lengths). A "long wire" antenna is commonly understood to be multiple wavelengths long at the operating frequency. Not trying to split hairs here, but only point out that these tuners were designed for a specialized purpose and are not particularly well suited for general ham use. My friend John, K1KPH who just responded to this thread reports good results by shunting capacity to ground across the output terminal. What he is doing here on 75 and 40M is implementing an "L" network which would work very well with end fed wires near a half wavelength long or multiples thereof. Certainly a worthwhile thing to do, John, since you already have the tuner but there are far less bulky ways to come up with a simple "L" network.

Dennis D. W7QHO

[Non-text portions of this message have been removed]

# 1456. Re: [T-368_BC-610] An Tuna Tinner!

Yahoo group: T-368_BC-610
Date: 2002-10-05 19:49:11 UTC
From: brronk777@aol.com
Topic: 1446  Message: 1456

Right you are, Dennis.

I run an inverted L on 160 (a 3/8th WL one) with a little extra outboard capacitance. I also sometimes use an 80 meter dipole with the feeders tied together (against a 160 radial system, of course) and it tunes just fine with a Nye Viking MB-V-A.

HOWEVER, there is nothing quite like the nostalgic thump my heart gets from my SCR-499 lash up which includes a BC-939.

I had to (sadly) leave my HO-1 housing unit up in Alaska, so I'll not be able to enjoy the SCR-399 anymore. The SCR-499, however, is a fairly satisfactory substitute.

Oh, the joy of a military station sans the military.

73, Ron K -- W1ARS

# 1457. Re: [T-368_BC-610] An Tuna Tinner!

Yahoo group: T-368_BC-610
Date: 2002-10-07 14:31:29 UTC
From: tbigelow@pop.state.vt.us
Topic: 1446  Message: 1457

I have a black wrinkle version, Dan. I've been waiting for it to sprout a BC-610, but no luck so far. Maybe it needs more light....

de Todd/'Boomer' KA1KAQ

Dan wrote:

> They do "complete the classic look", Were any of these black wrinkle?

# 1458. Re: [T-368_BC-610] An Tuna Tinner!

Yahoo group: T-368_BC-610
Date: 2002-10-07 15:35:13 UTC
From: Jack Taylor
Topic: 1446  Message: 1458

For heaven's sakes, DON'T water it!

73 de Jack

----- Original Message -----
From: <tbigelow@...>
To: Dan <dharlan@...>
Cc: <w7qho@...>; <redmenaced@...>; <T-368_BC-610@yahoogroups.com>
Sent: Monday, October 07, 2002 7:31 AM
Subject: Re: [T-368_BC-610] An Tuna Tinner!

> I have a black wrinkle version, Dan. I've been waiting for it to sprout a
BC-610,
> but no luck so far. Maybe it needs more light....
>
> de Todd/'Boomer' KA1KAQ
>
> Dan wrote:
>
> > They do "complete the classic look", Were any of these black wrinkle?
>

# 1459. Re: [T-368_BC-610] An Tuna Tinner!

Yahoo group: T-368_BC-610
Date: 2002-10-07 16:01:54 UTC
From: rbethman@comcast.net
Topic: 1446  Message: 1459

Lord, if it is like one I acquired, I soaked it in Simple Green and then took it to a very hot shower! It was full of dirt and crud.

If that be the case - WATER it!

(Now very clean and functional BC-939B!)

Bob - N0DGN

----- Original Message ----- From: "Jack Taylor"
Sent: Monday, October 07, 2002 11:35 AM
Subject: Re: [T-368_BC-610] An Tuna Tinner!

| For heaven's sakes, DON'T water it!
|
| 73 de Jack
|
| ----- Original Message -----
| Sent: Monday, October 07, 2002 7:31 AM
| Subject: Re: [T-368_BC-610] An Tuna Tinner!
|
|
| > I have a black wrinkle version, Dan. I've been waiting for it to sprout a
| BC-610,
| > but no luck so far. Maybe it needs more light....
| >
| > de Todd/'Boomer' KA1KAQ
| >
| > Dan wrote:
| >
| > > They do "complete the classic look", Were any of these black wrinkle?
| >

# 1460. Re: [Milsurplus] parting out TU-5-B

Yahoo group: T-368_BC-610
Date: 2002-10-09 02:10:05 UTC
From: Joe Foley
Topic: 1460  Message: 1460

Is this a BC-610 part??

--- Barry <btuttleman@...> wrote:
> parting out a TU-5-B that i picked up; it is missing
> the M.O. Tuning
> variable cap and associated parts, and the switch
> and related assembly
> to the right of the M.O. tuning knob; not certain if
> some other small
> parts are missing, it was a fairly clean unit except
> for those parts
> that are gone; top and bottom covers missing, front
> panel is dirty but
> fairly nice and original, knobs are in nice shape,
> ID tag is a little
> pitted but OK (especially if you don't have one!);
> calibration sheet
> and its associated holder are present, rack handles,
> etc.
> if someone needs the unit for refurb please contact
> me, otherwise this
> one will become an organ donor.
> this is, of course, the 1500 - 3000kc tuning unit.
> tnx,
> barry
> carson city, nv
> http://home.att.net/~btuttleman2/electron.html
> _____
> Milsurplus mailing list
> Milsurplus@...
> http://mailman.qth.net/mailman/listinfo/milsurplus

_____
Do you Yahoo!?
Faith Hill - Exclusive Performances, Videos & More
http://faith.yahoo.com

# 1461. Re: [T-368_BC-610] Re: [Milsurplus] parting out TU-5-B

Yahoo group: T-368_BC-610
Date: 2002-10-09 03:01:29 UTC
From: Jack Taylor
Topic: 1460  Message: 1461

Sounds like a BC-191 or BC-375 tuning unit.

----- Original Message -----
From: Joe Foley <redmenaced@...>
To: <t-368_bc-610@yahoogroups.com>
Sent: Tuesday, October 08, 2002 7:10 PM
Subject: [T-368_BC-610] Re: [Milsurplus] parting out TU-5-B

> Is this a BC-610 part??
>
>
>
>
>
>
> --- Barry <btuttleman@...> wrote:
> > parting out a TU-5-B that i picked up; it is missing
> > the M.O. Tuning
> > variable cap and associated parts, and the switch
> > and related assembly
> > to the right of the M.O. tuning knob; not certain if
> > some other small
> > parts are missing, it was a fairly clean unit except
> > for those parts
> > that are gone; top and bottom covers missing, front
> > panel is dirty but
> > fairly nice and original, knobs are in nice shape,
> > ID tag is a little
> > pitted but OK (especially if you don't have one!);
> > calibration sheet
> > and its associated holder are present, rack handles,
> > etc.
> > if someone needs the unit for refurb please contact
> > me, otherwise this
> > one will become an organ donor.
> > this is, of course, the 1500 - 3000kc tuning unit.
> > tnx,
> > barry
> > carson city, nv
> > http://home.att.net/~btuttleman2/electron.html
> > _____
> > Milsurplus mailing list
> > Milsurplus@...
> > http://mailman.qth.net/mailman/listinfo/milsurplus
>

>
> ---------------------------------------------
> Do you Yahoo!?
> Faith Hill - Exclusive Performances, Videos & More
> http://faith.yahoo.com
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

# 1462. Re: [T-368_BC-610] Re: [Milsurplus] parting out TU-5-B

Yahoo group: T-368_BC-610
Date: 2002-10-09 05:09:50 UTC
From: w7qho@aol.com
Topic: 1460  Message: 1462

In a message dated 10/8/02 7:03:05 PM, n7oo@... writes:

> Sounds like a BC-191 or BC-375 tuning unit.
>

Used in both the BC-191 and BC-375. Covered 1500 to 3000 kc. Sounds like it's pretty well stripped out.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 1463. Fwd: [T-368_BC-610] Re: [Milsurplus] parting out TU-5-B

Yahoo group: T-368_BC-610
Date: 2002-10-09 16:32:05 UTC
From: brronk777@aol.com
Topic: 1463  Message: 1463

That it is guys, BC-191 or BC-375. Got one sitting right here in front of me.
73, Ron K -- W1ARS

In a message dated 10/8/02 11:02:36 PM Eastern Daylight Time,
n7oo@... writes:

[Non-text portions of this message have been removed]

# 1464. T-368

Yahoo group: T-368_BC-610
Date: 2002-10-09 18:54:56 UTC
From: John Page
Topic: 69  Message: 1464

Hello to all. I am new to this list and have just gotten a T-368C. It was built by B&W. It is serial num 10. It is now on the air on 3885 and really seems to work well. Never had anything like this before and I really think I am going to enjoy this. Receiver I am using is a R-390A. Also the mic I am using is an amplified D-104
Question---I would like to cosmetically restore the exterior as it is a bit rough. It has different colors of gray paint and a lot of scratches and chips. I wouldn't have any trouble painting it but how would I relabel the panels???
Also, I have one front panel bolt that wont come out. The captive nut in the rear has come loose and just spins. Any ideas??? Or do I just have to drill the head off? It is on the lower left of the Mod deck. I need to get in there and repair the cable from the front mic jack to the carbon mic gain pot. Guess I could pull the power supply and lay on my back with my head under the Mod deck and fix it that way. Then again, maybe not :-\.....Thanks in advance John, K4KWM

_____
Join the world?s largest e-mail service with MSN Hotmail.
http://www.hotmail.com

# 1465. RE: [T-368_BC-610] T-368

Yahoo group: T-368_BC-610
Date: 2002-10-09 23:56:22 UTC
From: Bill Riches
Topic: 69  Message: 1465

-----Original Message-----
From: John Page [mailto:k4kwm@...]
Sent: Wednesday, October 09, 2002 14:55
To: t-368_bc-610@yahoogroups.com
Subject: [T-368_BC-610] T-368

Also, I have one front panel bolt that wont come out. The captive nut
in the rear has come loose and just spins. Any ideas???

Hi John,

Maybe grab the bolt head with a pair of vice grips - pull towards you and
turn - maybe the nut will hang up on something.

Good Luck!

73,

Bill Riches WA2DVU
Cape May, NJ

# 1466. CU-45/MRQ-2 Antenna Coupling Unit

Yahoo group: T-368_BC-610
Date: 2002-10-10 00:55:32 UTC
From: R.J. Mattson
Topic: 1466  Message: 1466

I have a Signal Corps, US Army CU-45/MRQ-2 Antenna Coupling Unit. Made by B&W Ser# 52
It looks similar to the TN-339 that just sold on e-pay.
http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=1385346203
Was the CU-45/MRQ-2 also for the BC610 and/or T368?
Regards,
Bob Mattson...W2AMI

# 1467. Re: [T-368_BC-610] T-368

Yahoo group: T-368_BC-610
Date: 2002-10-10 01:40:04 UTC
From: James M. Walker
Topic: 69  Message: 1467

Actually,
if it is on the mod deck and the upper bolt you can remove the rf deck,
use a crescent wrench on the nut that is in the "Blind fastener strap"
use the large allen wrench to turn the bolt from the front. The crescent
wrench shouldn't move you just need to hold it steady and turn the bolt
from the front. Apply some liquid wrench to the bolt and the nut before
performing this operation. Unless they are cross threaded, they should
come apart easily after the liquid wrench has had time to work its
magic.
the blind fastener, can be reinserted after the operation allows you to
remove the mod deck. If the bolt is the lower one remove the power
supply deck, don't have to pull it all the way out unless you want to.
If you do just pull forward by the handles after removing the connectors
and let it rest on the floor leaning against the transmitter rails.
Jim
WB2FCN

Bill Riches wrote:
>
> -----Original Message-----
> From: John Page [mailto:k4kwm@...]
> Sent: Wednesday, October 09, 2002 14:55
> To: t-368_bc-610@yahoogroups.com
> Subject: [T-368_BC-610] T-368
>
> Also, I have one front panel bolt that wont come out. The captive nut
> in the rear has come loose and just spins. Any ideas???
>
> Hi John,
>
> Maybe grab the bolt head with a pair of vice grips - pull towards you and
> turn - maybe the nut will hang up on something.
>
> Good Luck!
>
> 73,
>
> Bill Riches WA2DVU
> Cape May, NJ
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 1468. Cage nuts

Yahoo group: T-368_BC-610
Date: 2002-10-10 01:52:14 UTC
From: redmenaced
Topic: 1468  Message: 1468

http://www.nutty.com/cagenut.html

# 1469. Re: [T-368_BC-610] T-368

Yahoo group: T-368_BC-610
Date: 2002-10-10 13:24:13 UTC
From: tbigelow@pop.state.vt.us
Topic: 69  Message: 1469

Congrats on the rig, John - and welcome to the list. You'll find an incredible wealth of information here from users as well as those who serviced and used them in the military. I'm still living in T-3 envy, but recently my two buddies who were looking ended up with their T-3s, so I must be next in line.

Enjoy!

John Page wrote:

> Hello to all. I am new to this list and have just gotten a T-368C. It
> was built by B&W. It is serial num 10. It is now on the air on 3885 and
> really seems to work well. Never had anything like this before and I really
> think I am going to enjoy this. Receiver I am using is a R-390A. Also the
> mic I am using is an amplified D-104

# 1470. Re: [T-368_BC-610] An Tuna Tinner!

Yahoo group: T-368_BC-610
Date: 2002-10-10 15:24:49 UTC
From: Roy Morgan
Topic: 1446  Message: 1470

At 09:50 PM 10/4/02 -0400, you wrote:
> > http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=1385346203
> >
> >
>
>Looks like it's in good shape. These things aren't much use, though, unless
>you want to load into a 25 - 30 ft whip.

Did anyone save the picture(s) from that auction? (I was away and missed them.)

I have one of these things, and I wonder if there they can be modified to
match more normal loads. Has anyone done that?

Roy

- Roy Morgan, K1LKY since 1959 - Keep 'em Glowing!
7130 Panorama Drive, Derwood MD 20855
Home: 301-330-8828 Work: Voice: 301-975-3254, Fax: 301-948-6213
roy.morgan@... --

# 1471. Re: [T-368_BC-610] An Tuna Tinner!

Yahoo group: T-368_BC-610
Date: 2002-10-10 16:32:12 UTC
From: Jack Taylor
Topic: 1446  Message: 1471

Roy there was some comments earlier that using a shunt capacitor to ground
will load
various antennas. I have one of the units and am really impressed with the
quality
of construction.

73 de Jack

----- Original Message -----
From: Roy Morgan <roy.morgan@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Thursday, October 10, 2002 8:24 AM
Subject: Re: [T-368_BC-610] An Tuna Tinner!

> At 09:50 PM 10/4/02 -0400, you wrote:
> > > http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=1385346203
> > >
> > >
> >
> >Looks like it's in good shape. These things aren't much use, though,
unless
> >you want to load into a 25 - 30 ft whip.
>
>
> Did anyone save the picture(s) from that auction? (I was away and missed
them.)
>
> I have one of these things, and I wonder if there they can be modified to
> match more normal loads. Has anyone done that?
>
> Roy
>
>
> - Roy Morgan, K1LKY since 1959 - Keep 'em Glowing!
> 7130 Panorama Drive, Derwood MD 20855
> Home: 301-330-8828 Work: Voice: 301-975-3254, Fax: 301-948-6213
> roy.morgan@... --
>
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

# 1472. TM 11-280 Reprint (SCR-299-(*))

Yahoo group: T-368_BC-610
Date: 2002-10-20 13:44:22 UTC
From: wa5cab@cs.com
Topic: 1472  Message: 1472

Groups,

Someone finally twisted my arm hard enough. Reprints available of TM 11-280 on the SCR-299-A...D. Also Change 1 and a supplement either with the basic TM or by themselves. Email direct if interested.

73
Robert Downs
Houston
<WA5CAB@...>

[Non-text portions of this message have been removed]

# 1473. Speech Amp/Modulator/PA help needed:

Yahoo group: T-368_BC-610
Date: 2002-10-22 02:09:51 UTC
From: yardleyite@aol.com
Topic: 1473 Message: 1473

Hello Everyone, My name is Joe Cro - N3IBX; and I'm new to the group. I ran into a few friends and fellow T3 owners during the past weekend and thought it would be a good idea to join the group. I acquired a T-368-E (serial #265) about 5 weeks ago and it has a problem that's been driving me crazy. Could I possibly ask the group members for some advice? Any help will be greatly appreciated. Here's the problem: I have a pronounced squeal and a very low audio level when trying to adjust the modulator bias on my T3. The microphone is the MC-29 handheld carbon mike. I don't get a squeal when I have the bias control either completely off, or set very low like 10ma or so. It will modulate but with very low and distorted audio. When I try to adjust the mod bias to it's recommended 50ma. I can hear an internal squeal coming from somewhere in the PA deck, and the mod bias pins the meter. It also has a hum like it's not getting a good ground, and It seems as if it won't stabilize at it's recommended 50ma. and sometimes goes full scale on the meter When I unkey the mike while having the bias set very low, it'll jump up to about midrange on the scale, then come back down. The most confusing part of all is that after I have the set on for about 20 minutes or so and play with the carbon mike gain control it'll stabilize and I'm able to adjust it to it's proper modulator bias. This won't happen all of the time, just 8 times out of ten. The audio output is good with little or no distortion when I'm able to adjust it to it's proper level. To my knowledge the set is completely stock without any additional modifications done to it. For the record, I have my plate dipped at about 225 ma. and loaded somewhat on the lighter side. I currently have it on 160M; but I've tried it on other bands and it does the same thing. Has anyone else in the group encountered a problem like this? Any advice will be greatly appreciated. I hope to get it on the air soon and make it my main station transmitter coupled with a R-390. Thanks for the bandwidth and best regards, Joe Cro N3IBX Joseph Cro N3IBX Collins, Heathkit, Hallicrafters Drake, National, and General Boatanchor language spoken here: N3IBX Basement of Boatanchors (http://hometown.aol.com/yardleyite/index.html) N3IBX Boatanchor Website (http://members.aol.com/yardleyite/collect/index3.htm) N3IBX AM Studios: (http://www.geocities.com/n3ibx/N3IBX.html?1000084610680) Collins Radio Association Member # 122 AM International Member # 1280 [Non-text portions of this message have been removed]

# 1474. Re: [T-368_BC-610] Speech Amp/Modulator/PA help needed:

Yahoo group: T-368_BC-610
Date: 2002-10-22 03:18:57 UTC
From: Joe Foley
Topic: 1473 Message: 1474

Hi Joe, Welcome to the party! Yeah, the T-3 is prone to ultrasonic modulations, or something like you have. I had a case of that, too. What I found is about what you're headed toward, loose grounds, mainly at the mike connector on the Mod deck panel and the coax connector at the speech amp. The speech amp connector is not easy to get to, there is a big nut in a tight place under the chassis, jam it from turning with a big screw driver against the side of the chassis and turn the top part. While you're in there tighten all of the other grounding connections, too. There will be other loose ones! Don't forget the screws that hold the tube sockets, too. Also, be aware of any gunk, MFP, or rust between the ground connections and the chassis. I'm not saying this is definitely the problem, but its an easy first place to look, it seems that a lot of ground screws work loose from the vibrations of the blowers or from handling the decks. 73 Joe KG2CI --- yardleyite@... wrote: > Hello Everyone, > My name is Joe Cro - N3IBX; > and I'm new to the group. I > ran into a few friends and fellow T3 owners during > the past weekend and > thought it would be a good idea to join the group. I > acquired a T-368-E > (serial #265) about 5 weeks ago and it has a problem > that's been driving me > crazy. Could I possibly ask the group members for > some advice? Any help will > be greatly appreciated. Here's the problem: > > I have a pronounced squeal and a very low audio > level when trying to adjust > the modulator bias on my T3. The microphone is the > MC-29 handheld carbon > mike. > I don't get a squeal when I have the bias control > either completely off, or > set very low like 10ma or so. It will modulate but > with very low and > distorted audio. When I try to adjust the mod bias > to it's recommended 50ma. > I can hear an internal squeal coming from somewhere > in the PA deck, and the > mod bias pins the meter. It also has a hum like it's > not getting a good > ground, and It seems as if it won't stabilize at > it's recommended 50ma. and > sometimes goes full scale on the meter When I unkey > the mike while having the > bias set very low, it'll jump up to about midrange > on the scale, then come > back down. > > The most confusing part of all is that after I have > the set on for about 20 > minutes or so and play with the carbon mike gain > control it'll stabilize and > I'm able to adjust it to it's proper modulator bias. > This won't happen all of > the time, just 8 times out of ten. The audio output > is good with little or no > distortion when I'm able to adjust it to it's proper > level. To my knowledge > the set is completely stock without any additional > modifications done to it. > > For the record, I have my plate dipped at about 225 > ma. and loaded somewhat > on the lighter side. I currently have it on 160M; > but I've tried it on other > bands and it does the same thing. > > Has anyone else in the group encountered a problem > like this? Any advice will > be greatly appreciated. I hope to get it on the air > soon and make it my main > station transmitter coupled with a R-390. > > Thanks for the bandwidth and best regards, > > Joe Cro N3IBX > > Joseph Cro N3IBX > > > > > Collins, Heathkit, Hallicrafters > Drake, National, and General > Boatanchor language spoken > here: HREF="http://hometown.aol.com/yardleyite/index.html">N3IBX > Basement of Boatanchors > > > HREF="http://members.aol.com/yardleyite/collect/index3.htm">N3IBX > Boatanchor Website > HREF="http://www.geocities.com/n3ibx/N3IBX.html?1000084610680">N3IBX > AM Studios: > Collins Radio Association Member # 122 > AM International Member # 1280 > > > [Non-text portions of this message have been > removed] > > _____ Do you Yahoo!? Y! Web Hosting - Let the expert host your web site http://webhosting.yahoo.com/

# 1475. T-368 Registry 10/23/02

Yahoo group: T-368_BC-610
Date: 2002-10-23 07:51:24 UTC
From: W2ZR@aol.com
Topic: 1475  Message: 1475

W2ZR w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

KG2CI redmenaced@...
Bendix T-368 E #160
contract 3219-PP-59

WF2U wf2u@...
B&W T-368E #628
contract 15117-PP-62

W8KXR jtone@...
B&W T-368C #216
contract 43056-P-55

Bendix T-368C #209
contract 3219-PP-59

W4WSZ bobm@...
Stromberg-Carlson T-368D #161
contract 39692-PP-58

KF2JQ jprusso@...
AMF T-368A #69
contract 25209-PHILA-54

WB3FAU wb3fau@...
Oneida T-368F #192
contract 15498-PP-63

KA3OTT kazott@...
B&W T-368C #018
contract 43056-P-56

KW1I Dale.Gagnon@...
AMF T-368A #62
contract 25209-PHILA-54

W3NP w3np@...
B&W T-368E #575
contract 15117-PP-62
overhauled at Pirmasens Army Depot

KD1YT tlewis@...
B&W T-368E #27
contract 15117-PP-62

overhauled at Pirmasens Army Depot

KX4R kx4r@...
Crosley T-368C #560
contract 21316-PH-56

WB6DXR lesterw@...
B&W T-368 #18
contract 25633-Phila-53

W2HU reid.j.hagan@...
T-368 #138
(awaiting details)

W7QHO w7qho@...
B&W T-368 #129
contract 25633-PHILA-53

Crosley T-368C #237
contract 28459-PH-55

K2AUS w.d.gallagher@...
TRW T-368F #303
contract 14527(E)

N4FS n4fs@...
TRW T-368F #261
contract 14527(E)

WA1QHQ mark.donaldson@...
B&W T-368 #32
contract 25070-Phila-54

Oneida T-368F #59
contract 15498-PP-63

AE4IN ae4in@...
Daystrom T-368C #46
contract 28597-Phil-55

W5BVB plmills@...
Oneida T-368F #19
contract 15498-PP-63

N4KIA pradams@...
Crosley T-368C #275
contract 28459-PH-55

N2BC n2bc@...
T-368C

K4BVQ PHollifield@...
Bendix T-368E #118
contract 3219-PP-59

overhauled at Pirmasens Army Depot

KF4TP olaf@...
TRW T-368F #190
contract 14527(E)

KE7KK ke7kk@...
Stromber-Carlson T-368D #33
contract 39692-PP-58

W9QM r_longworth@...
Oneida T-368F #149
contract 15498-PP-63

K9RJ jandrjor@...
Stromberg-Carlson T-368D #55
contract 39692-PP-58

WA6IUR fly n ham@...
TRW T-368F #2
contract 14527(E)

W4TDC WA4TDC@...
Crosley T-368C #364
contract 28459-PH-55

K9XH jleer@...
TRW T-368F #238
contract 14527(E)
overhauled at Pirmasens Army Depot

WA4KCY sweetbay@...
TRW T-368F #358
contract 14527(E)

Tom Leiper (no call yet) twleiper@...
Ecco Electronic Components T-368F #76
contract DAAB05-67-C0022

K0WRX PLCullum1823@...
B&W T-368C #305
contract 43056-P-56

W1ZD w1nml@...
TRW T-368F #64
contract 14527(E)

K8OF hamalot@...
T-368C
GDP 2/67

WB2FCN chejmw@...
T-368A (nsn)

WB6ACU WB6ACU@...
B&W T-368C #285
contract 43056-P-56
overhauled at Pirmasens Army Depot

KD3FA billn@...
B&W T-368E #541
contract 11517-PP-62

W3TOY wa3toj@...
B&W T-368 #13
contract 3472-Phila-52

B&W T-368E #206
contract 15117-PP-62

W3PWW (no email)
Crosley T-368C #211
contract 28459-PH-55

W2HER bobziolk@...
Bendix T-368E #152
contract 3219-PP-59

WA0TSY troy-aero@...
B&W T-368C #367
contract 43056-P-56
overhauled at Pirmasens Army Depot

AA9WQ aa9wqham@...
B&W T-368 #22
contract 3472-PHILA-53
overhauled

W7XH billbraden@...
TRW T-368F #359
contract 14527(E)

W1UJR kg2ic@...
T-368F

KC8CU ramsta@...
B&W T-368 #82
contract 25633-PH-53
overhauled at Lexington Blue Grass Army Depot

W3RC dasein@...
ECCO Electronic Components T-368F #114
contract DAAB05-67-C0022

USS New Jersey
TRW T-368F #172
contract 14527(E)

K4KWM k4kwm@...
B&W T-368C #10
contract 43056-P-56

W9XRT jmain@...
Bendix T-368E #17
contract 3219-PP-59

W5KP w5kp@...
Crosley T-368C #51
contract 28459-PH-55

W2ILA tom_mackie@...
ECCO Electronic Components T-368F #103
contract DAAB05-67-C0022

K1KHP k1khp@...
B&W T-368C #123
contract 43056-P-56

B&W T-368E #536
contract 15117-PP-62

WA9ZTY no email
Crosley T-368C
contract 28459-PH-55
AFRS military mod

NI6S aidehua@...
TRW T-368F #260
contract 14527(E)

W0ZR telutz@...
Bendix T-368E #224
contract 3219-PP-59

WA4VAG prc74b@...
Crosley T-368C # 353
contract 28459-PH-55

W4CLM w4clm.ham@...
Oneida T-368F #75
contract 15498-PP-63

K6OSM commtekman@...
Bendix T-368E #133
contract 3219-PP-59

W1DEC davidca@...
Stromberg-Carlson T-368D #104
contract 39692-PP-58

W8ACR skipperclan@...
Bendix T-368E #353

contract 3219-PP-59
overhauled at Pirmasens Army Depot

KK4DF kk4df@...
Bendix T-368E #238
contract 3219-PP-59
overhauled at Pirmasens Army Depot

W1RC w1rc@...
Crosley T-368C #581
contract 21316-PH-56
overhauled at Pirmasens Army Depot

KA4JVY foltarz@...
Oneida T-368F #152
contract 15498-PP-63

N8FRP radio-bud@...
Oneida T-368F #249
contract 15498-PP-63

K0MAZ k0maz@...
(no info at this time)

W4CT bsbooth@...
Stromberg-Carlson T-368D #16
contract 39692-PP-58

Scott polaraligned@...
Bendix T-368E #102
contract 3219-PP-59

K0BS k0bs@...
B&W T-368E #577
contract 15117-PP-62

# 1476. A newbe guy is on the list.....

Yahoo group: T-368_BC-610
Date: 2002-10-24 01:44:38 UTC
From: Tom Siglin
Topic: 1476  Message: 1476

Greetings to the group.

Thanks to Roy Morgan for his help in letting me know about the list and to Joe for permission to join.

I'm an owner of a BC-610E of dubious heritage (no serial number plate). It was purchased from Fair Radio Sales about eight years ago and recently auctioned on eBay. The owner was kind enough to drive it up from Phili (PA) for a reasonable price.

To date I have ~300 Watts of RF available and find work on the modulator will be needed. The 866's have been subbed with solid state for now as the tubes were complaining too much. I also installed screw-in circuit breakers rated at five Amps under the original size fuses for testing purposes.

Because of paint color and textures of the case, I suspect this rig may have been assembled from at least two runs. No proof, just

While the rig came with three tuning units, the choices were not very useful. (4 - 5 MHz, 5 - 6.35 MHz and 12 - 18 MHz) My coil selection is improving daily with 2 - 18MHz less the 3.5 - 4.5 coil. I have an extra 2 - 3.5 and 11 - 14 set. (Any trades????)I'd like to get a coil for 160 or may have to build one...

I was able to get a really nice shot of the final and posted it along with a shot of the transmitter front at: http://www.geocities.com/tsiglin Your welcome to grab a copy for a background if you like.

Tnx & 73's, Tom - WA2LTD

=====
Phone (6O7) 785-7085h, 798-7115w, 760-9699c

WA2LTD / 108 Clark St. / Vestal, NY 13790
www.SIGTOMICS.com

PMI / 150 Ackley Ave. / Johnson City, NY 13790
www.PHOTOMICROGRAPHICS.com

_____
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# 1477. quick note

Yahoo group: T-368_BC-610
Date: 2002-10-24 20:37:20 UTC
From: W2ZR@aol.com
Topic: 1477  Message: 1477

Hi Gang,
In a little while, I'm going to distribute an updated version of the registry. I've decided to reverse the order of the rigs in the registry so that the newcomer is at the top of the list and you won't have to scroll down to see who just joined the ranks each time.
There are now 76 rigs registered representing 9 different manufacturers. If anyone meets T-3 owner who's rig's not registered or isn't a member of this group, please invite 'em to join! The more, the merrier.

73,
Steve W2ZR

# 1478. T-368 Registry 10/24/02

Yahoo group: T-368_BC-610
Date: 2002-10-24 20:38:53 UTC
From: W2ZR@aol.com
Topic: 1478  Message: 1478

N3IBX n3ibx@...
Bendix T-368-E #245
contract 3219-PP-59

K0BS k0bs@...
B&W T-368E #577
contract 15117-PP-62

Scott polaraligned@...
Bendix T-368E #102
contract 3219-PP-59

W4CT bsbooth@...
Stromberg-Carlson T-368D #16
contract 39692-PP-58

W4CT bsbooth@...
Stromberg-Carlson T-368D #16
contract 39692-PP-58

K0MAZ k0maz@...
(no info at this time)

N8FRP radio-bud@...
Oneida T-368F #249
contract 15498-PP-63

KA4JVY foltarz@...
Oneida T-368F #152
contract 15498-PP-63

W1RC w1rc@...
Crosley T-368C #581
contract 21316-PH-56
overhauled at Pirmasens Army Depot

KK4DF kk4df@...
Bendix T-368E #238
contract 3219-PP-59
overhauled at Pirmasens Army Depot

W8ACR skipperclan@...
Bendix T-368E #353
contract 3219-PP-59
overhauled at Pirmasens Army Depot

W1DEC davidca@...
Stromberg-Carlson T-368D #104

contract 39692-PP-58

K6OSM commtekman@...
Bendix T-368E #133
contract 3219-PP-59

W4CLM w4clm.ham@...
Oneida T-368F #75
contract 15498-PP-63

WA4VAG prc74b@...
Crosley T-368C # 353
contract 28459-PH-55

W0ZR telutz@...
Bendix T-368E #224
contract 3219-PP-59

NI6S aidehua@...
TRW T-368F #260
contract 14527(E)

WA9ZTY no email
Crosley T-368C
contract 28459-PH-55
AFRS military mod

K1KHP k1khp@...
B&W T-368C #123
contract 43056-P-56

B&W T-368E #536
contract 15117-PP-62

W2ILA tom_mackie@...
ECCO Electronic Components T-368F #103
contract DAAB05-67-C0022

W5KP w5kp@...
Crosley T-368C #51
contract 28459-PH-55

W9XRT jmain@...
Bendix T-368E #17
contract 3219-PP-59

K4KWM k4kwm@...
B&W T-368C #10
contract 43056-P-56

USS New Jersey
TRW T-368F #172
contract 14527(E)

W3RC dasein@...
ECCO Electronic Components T-368F #114
contract DAAB05-67-C0022

KC8CU ramsta@...
B&W T-368 #82
contract 25633-PH-53
overhauled at Lexington Blue Grass Army Depot

W1UJR kg2ic@...
T-368F

W7XH billbraden@...
TRW T-368F #359
contract 14527(E)

AA9WQ aa9wqham@...
B&W T-368 #22
contract 3472-PHILA-53
overhauled

WA0TSY troy-aero@...
B&W T-368C #367
contract 43056-P-56
overhauled at Pirmasens Army Depot

W2HER bobziolk@...
Bendix T-368E #152
contract 3219-PP-59

W3PWW (no email)
Crosley T-368C #211
contract 28459-PH-55

W3TOY wa3toj@...
B&W T-368 #13
contract 3472-Phila-52

B&W T-368E #206
contract 15117-PP-62

KD3FA billn@...
B&W T-368E #541
contract 11517-PP-62

WB6ACU WB6ACU@...
B&W T-368C #285
contract 43056-P-56
overhauled at Pirmasens Army Depot

WB2FCN chejmw@...
T-368A (nsn)

K8OF hamalot@...
T-368C
GDP 2/67

W1ZD w1nml@...
TRW T-368F #64
contract 14527(E)

K0WRX PLCullum1823@...
B&W T-368C #305
contract 43056-P-56

Tom Leiper (no call yet) twleiper@...
Ecco Electronic Components T-368F #76
contract DAAB05-67-C0022

WA4KCY sweetbay@...
TRW T-368F #358
contract 14527(E)

K9XH jleer@...
TRW T-368F #238
contract 14527(E)
overhauled at Pirmasens Army Depot

W4TDC WA4TDC@...
Crosley T-368C #364
contract 28459-PH-55

WA6IUR fly n ham@...
TRW T-368F #2
contract 14527(E)

K9RJ jandrjor@...
Stromberg-Carlson T-368D #55
contract 39692-PP-58

W9QM r_longworth@...
Oneida T-368F #149
contract 15498-PP-63

KE7KK ke7kk@...
Stromber-Carlson T-368D #33
contract 39692-PP-58

KF4TP olaf@...
TRW T-368F #190
contract 14527(E)

K4BVQ PHollifield@...
Bendix T-368E #118
contract 3219-PP-59
overhauled at Pirmasens Army Depot

N2BC n2bc@...
T-368C

N4KIA pradams@...
Crosley T-368C #275
contract 28459-PH-55

W5BVB plmills@...
Oneida T-368F #19
contract 15498-PP-63

AE4IN ae4in@...
Daystrom T-368C #46
contract 28597-Phil-55

WA1QHQ mark.donaldson@...
B&W T-368 #32
contract 25070-Phila-54

Oneida T-368F #59
contract 15498-PP-63

N4FS n4fs@...
TRW T-368F #261
contract 14527(E)

K2AUS w.d.gallagher@...
TRW T-368F #303
contract 14527(E)

W7QHO w7qho@...
B&W T-368 #129
contract 25633-PHILA-53

Crosley T-368C #237
contract 28459-PH-55

W2HU reid.j.hagan@...
T-368 #138
(awaiting details)

WB6DXR lesterw@...
B&W T-368 #18
contract 25633-Phila-53

KX4R kx4r@...
Crosley T-368C #560
contract 21316-PH-56

KD1YT tlewis@...
B&W T-368E #27
contract 15117-PP-62
overhauled at Pirmasens Army Depot

W3NP w3np@...
B&W T-368E #575
contract 15117-PP-62
overhauled at Pirmasens Army Depot

KW1I Dale.Gagnon@...
AMF T-368A #62
contract 25209-PHILA-54

KA3OTT kazott@...
B&W T-368C #018
contract 43056-P-56

WB3FAU wb3fau@...
Oneida T-368F #192
contract 15498-PP-63

KF2JQ jprusso@...
AMF T-368A #69
contract 25209-PHILA-54

W4WSZ bobm@...
Stromberg-Carlson T-368D #161
contract 39692-PP-58

W8KXR jtone@...
B&W T-368C #216
contract 43056-P-55

Bendix T-368C #209
contract 3219-PP-59

WF2U wf2u@...
B&W T-368E #628
contract 15117-PP-62

KG2CI redmenaced@...
Bendix T-368 E #160
contract 3219-PP-59

W2ZR w2zr@...
Crosley T-368C #391
contract 28459-PH-55
overhauled at Pirmasens Army Depot

# 1479. one small mistake

Yahoo group: T-368_BC-610
Date: 2002-10-24 20:49:48 UTC
From: W2ZR@aol.com
Topic: 1479  Message: 1479

Hi,
I've duplicated W4CT so there actually only 75 rigs registered. Too
much cutting and pasting!

73,
Steve W2ZR

# 1480. Re: [T-368_BC-610] quick note

Yahoo group: T-368_BC-610
Date: 2002-10-24 21:31:09 UTC
From: tbigelow@pop.state.vt.us
Topic: 1477  Message: 1480

Thanks for the effort and keep up the good work, Steve -

Boomer, KA1KAQ

W2ZR@... wrote:

> Hi Gang,
> In a little while, I'm going to distribute an updated version of the
> registry. I've decided to reverse the order of the rigs in the registry so
> that the newcomer is at the top of the list and you won't have to scroll down
> to see who just joined the ranks each time.
> There are now 76 rigs registered representing 9 different
> manufacturers. If anyone meets T-3 owner who's rig's not registered or isn't
> a member of this group, please invite 'em to join! The more, the merrier.
>
> 73,
> Steve W2ZR
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 1481. Well done, Steve!

Yahoo group: T-368_BC-610
Date: 2002-10-25 03:16:41 UTC
From: redmenaced
Topic: 1481  Message: 1481

Now, where's our BC-610 registry?

And our HT-4 registry?

They'll be along soon,

Joe

# 1482. Our own homepage!

Yahoo group: T-368_BC-610
Date: 2002-10-25 04:27:01 UTC
From: redmenaced
Topic: 1482  Message: 1482

http://groups.yahoo.com/group/T-368_BC-610/

This is the link to the homepage for this list.

There are photos, files, etc. there that pertain to the list subjects.

Post some photos of YOUR station, T-368, BC-610, HT-4!!

Joe

# 1483. HT-4 Mod XFRMR Repair

Yahoo group: T-368_BC-610
Date: 2002-10-25 15:41:02 UTC
From: Roy Morgan
Topic: 1482  Message: 1483

Hello all,

I have a modulation transformer from an HT-4. It has one terminal broken off below the surface of the case. I wonder if anyone has repaired such a thing.

Maybe a trip to Peter Dahl would be in order for this thing.

Roy
- Roy Morgan, K1LKY since 1959 - Keep 'em Glowing!
7130 Panorama Drive, Derwood MD 20855
Home: 301-330-8828 Work: Voice: 301-975-3254, Fax: 301-948-6213
roy.morgan@... --

# 1484. Re: [T-368_BC-610] BC-610 PA Coil C-387-D 2.0-3.5mc

Yahoo group: T-368_BC-610
Date: 2002-10-25 18:33:30 UTC
From: rbethman@comcast.net
Topic: 1402  Message: 1484

Dennis,

I have two full sets of coils.

I was trying to provide advice to another gentleman.

I have the MOD package 160 mtr coil, then the standard ENTIRE military issue set.

The only thing I don't have - a MESS of crystals, and a MESS of tuning units.

The Tuning units I do have cover 75, 80, 40, and 20 mtrs. I haven't tried modifying Tuning units ot PA Coils to get on 10 meters - YET.

Bob - N0DGN

----- Original Message ----- From: <w7qho@...>
Sent: Saturday, August 24, 2002 2:24 AM
Subject: Re: [T-368_BC-610] BC-610 PA Coil C-387-D 2.0-3.5mc

| 
| << The simple removing or adding of turns will not work to get where you
| want to go......
| 
| 
| .....The C-387-D 2.0 to 3.5 MC coil has two main sections of heavier gauge
| wire with spacing almost equal to their diameter, has a six turn rotating
| coupling coil, with a gap between the main sections approximating 1/2". >>
| 
| Bob,
| 
| New one on me. Hate to see original 610 tank coils mutilated but don't
see
| why lopping a few turns off each end of a 387 to get up to 75M wouldn't
work
| FB. Wire size and turns spaceing being a little different than the stock
3.5
| - 4.5 MHz unit wouldn't make any difference. Might have to take a turn or
| two off the variable link too but try it and see first (or just use a
series
| cap.).
| 
| Dennis D. W7QHO
| Glendale, CA

# 1485. 1949 RTTY manual on E-bay

Yahoo group: T-368_BC-610
Date: 2002-10-26 02:39:20 UTC
From: redmenaced
Topic: 1485  Message: 1485

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=727128683

# 1486. Digital frequency control for the BC-610

Yahoo group: T-368_BC-610
Date: 2002-10-26 18:59:02 UTC
From: Tom Siglin
Topic: 1486  Message: 1486

Greetings Group,

Did some initial tests of feeding in external low level RF to the BC-610 for easier frequency control. Thought I would start out feeding the xtal socket from my Kenwood 570.

The initial test worked out pretty well. Set the kenwood for the lowest RF output (5 Watts), into a dummyload to keep the 570 happy and then to the Xtal socket. (hot to the right side, grounded the shield to the TU. (did not use the left side of the socket as it was not RF ground)

I think in the long run, I would like to bypass most or all of the TU function to make tune up almost effortless. That will take a bit more power and a matching network, probably a torid for Z matching and some swamping?? (Then feed the 250TH directly)

(My reason to use this method is the lack of tuning units but a good supply of coils)

Any Thoughts..........

Tom - WA2LTD

=====
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# 1487. Re: [T-368_BC-610] Digital frequency control for the BC-610

Yahoo group: T-368_BC-610
Date: 2002-10-26 19:05:28 UTC
From: James M. Walker
Topic: 1486  Message: 1487

Hi Tom,
Jim WB2FCN here. I use a PTS-250 to drive the xtal socket on my "Beast" from time to time, like when running CW. The BC-610 "if using the TU" requires that the drive level be around 1 watt and that the hot side go to the 6V6 grid through a cap I think 4uuF I can check when I go back to the shack to be certain. The ground side is fed to the 6V6 circuit also and it is correct that it is above ground for RF at that point.

The input frequency for all operation is fundamental freq only, as in for 80 meters 3500 xtal is also operating freq. on forty 3500 xtal is 7000 operating freq. so for say 7290 the input is 3645 KC the oscillator get strange if you overdrive it at the 7290 freq and want to use it you get low output from the following chain.

I have subsequently acquired a PTS-040 which does up to 40 MHZ and will be using that to control frequency on all bc-610 rigs here.

The input to the xtal socket is covered in the O-39 FSK unit manual.
Jim
WB2FCN

Tom Siglin wrote:
> 
> Greetings Group,
> 
> Did some initial tests of feeding in external low
> level RF to the BC-610 for easier frequency control.
> Thought I would start out feeding the xtal socket from
> my Kenwood 570.
> 
> The initial test worked out pretty well. Set the
> kenwood for the lowest RF output (5 Watts), into a
> dummyload to keep the 570 happy and then to the Xtal
> socket. (hot to the right side, grounded the shield to
> the TU. (did not use the left side of the socket as it
> was not RF ground)
> 
> I think in the long run, I would like to bypass most
> or all of the TU function to make tune up almost
> effortless. That will take a bit more power and a
> matching network, probably a torid for Z matching and
> some swamping?? (Then feed the 250TH directly)
> 
> (My reason to use this method is the lack of tuning
> units but a good supply of coils)
> 

> Any Thoughts.....
>
> Tom - WA2LTD
>
> =====
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>
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>
> PMI / 150 Ackley Ave. / Johnson City, NY 13790
> www.PHOTOMICROGRAPHICS.com
>
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> http://webhosting.yahoo.com/
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>
>
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# 1488. Re: [T-368_BC-610] Re: [Milsurplus] parting out TU-5-B

Yahoo group: T-368_BC-610
Date: 2002-10-26 20:38:14 UTC
From: rbethman@comcast.net
Topic: 1460  Message: 1488

Joe - It is from a BC-375 or some such.

What TUs are you looking for?

Have you checked with William Howard? He has some that a Russian left for him to sell. While I don't remember them being on the ham bands, my experimentation with padding a TU to hit 160 shows it is easy to move them where you want them.

Bob - N0DGN

----- Original Message -----
From: "Joe Foley" <redmenaced@...>
To: <t-368_bc-610@yahoogroups.com>
Sent: Tuesday, October 08, 2002 22:10 PM
Subject: [T-368_BC-610] Re: [Milsurplus] parting out TU-5-B

| Is this a BC-610 part??
|
|
|
|
|
|
| --- Barry <btuttleman@...> wrote:
| > parting out a TU-5-B that i picked up; it is missing
| > the M.O. Tuning
| > variable cap and associated parts, and the switch
| > and related assembly
| > to the right of the M.O. tuning knob; not certain if
| > some other small
| > parts are missing, it was a fairly clean unit except
| > for those parts
| > that are gone; top and bottom covers missing, front
| > panel is dirty but
| > fairly nice and original, knobs are in nice shape,
| > ID tag is a little
| > pitted but OK (especially if you don't have one!);
| > calibration sheet
| > and its associated holder are present, rack handles,
| > etc.
| > if someone needs the unit for refurb please contact
| > me, otherwise this
| > one will become an organ donor.
| > this is, of course, the 1500 - 3000kc tuning unit.
| > tnx,

| > barry
| > carson city, nv
| > http://home.att.net/~btuttleman2/electron.html
| > _____
| > Milsurplus mailing list
| > Milsurplus@...
| > http://mailman.qth.net/mailman/listinfo/milsurplus
|
|
| _____
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|

# 1489. WTB/WTT 100 mmf 20KV vacumn cap

Yahoo group: T-368_BC-610
Date: 2002-10-27 23:36:38 UTC
From: Tom Siglin
Topic: 1489  Message: 1489

In my continuing quest toward VLF,(actually 160 meters) for the BC-610, I am looking for a 100 mmf cap. I have lots of the 50mmf @ 20 kv if a trade is possible....

FWIW: With the lack of tuning units for the low end, I drive the BC-610 from my Kenwood 570 through an MFJ antenna tuner. Drive requirements from ~20 to 40 Watts depending on band. The tuner is connected to the coupling cap on the 807 side of the 250TH grid circuit. The exciter rectifier and TU are removed for this test.

As per some members thoughts, a link coupled, tuned input method is likely the way this will end up in the long run....Maybe with a bit of swamping to widen out the bandwidth??

73's, Tom - WA2LTD

=====
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# 1490. T-368 T/R relay help requested:

Yahoo group: T-368_BC-610
Date: 2002-10-30 17:32:39 UTC
From: yardleyite@aol.com
Topic: 1490  Message: 1490

Hello All, I just about have all of the bugs worked out of my T368-E, and should be ready to put it on the air shortly. I have the original vacuum relay/TR switch and am awaiting documentation for that through the generosity of one of our group members. In the meanwhile, I have a number of 12VDC and 26VDC "Dow-Key" type TR switches I could possibly try it out with. Has anyone tried such an arangement and if so, how did it work out? If possible, could you let me know what connection points (numbers) inside it would connect to? Would there be any danger in harming the control circutry transformer (T1) ot anything else by doing this? Any information will be greatly appreciated! 73 de Joe Cro N3IBX Joseph Cro N3IBX Collins, Heathkit, Hallicrafters Drake, National, and General Boatanchor language spoken here: N3IBX Basement of Boatanchors (http://hometown.aol.com/yardleyite/index.html) N3IBX Boatanchor Website (http://members.aol.com/yardleyite/collect/index3.htm) N3IBX AM Studios: (http://www.geocities.com/n3ibx/N3IBX.html?1000084610680) Collins Radio Association Member # 122 AM International Member # 1280 [Non-text portions of this message have been removed]

# 1491. Re: [T-368_BC-610] T-368 T/R relay help requested:

Yahoo group: T-368_BC-610
Date: 2002-10-30 19:25:38 UTC
From: yardleyite@aol.com
Topic: 1490  Message: 1491

Tom, I greatly appreciate the information you gave me. I neglected to mention that I do have a schematic up to a T-368-C that had the old style relay. I do have one coming from a Listmember from an "E" variant with the vacuum relay. Regarding Surplus Sales all I can say is "they don't need a gun" - hi hi! I called them up for a suitable relay and started to tremble over the price they quoted me. I'll probably use the 26VDC dow key (hopefully) with the T-3 until I can hook up the vacuum relay. I may however have a strange 30VDC cousin that may work out for you. I don't think it has a set of external contacts but I have a "Dow-Key" parts stash I'll look through to see if I have something you could use. I'll let you know off list what I can find. Thanks for the reply! Best Regards de Joe Cro N3IBX Joseph Cro N3IBX Collins, Heathkit, Hallicrafters Drake, National, and General Boatanchor language spoken here: N3IBX Basement of Boatanchors (http://hometown.aol.com/yardleyite/index.html) N3IBX Boatanchor Website (http://members.aol.com/yardleyite/collect/index3.htm) N3IBX AM Studios: (http://www.geocities.com/n3ibx/N3IBX.html?1000084610680) Collins Radio Association Member # 122 AM International Member # 1280 [Non-text portions of this message have been removed]

# 1492. T-368-E T/R relay hookup information requested:

Yahoo group: T-368_BC-610
Date: 2002-11-01 22:06:37 UTC
From: yardleyite@aol.com
Topic: 1492 Message: 1492

Hello all Groupmembers, I'm trying to figure out the T/R switch arangement with my T-368-E. Would anyone know what two terminals on the terminal board, left side of the transmitter case supply 26VDC for connecting an external T/R switch I have a number of 12VDC and 26VDC "Dow-Key" type TR switches I could possibly try it out with. Has anyone tried such an arangement and if so, how did it work out? Would there be any danger in harming the control circutry transformer (T1) or anything else by doing this? I would greatly appreciate any information or tips on how to set this up. I'd love to tryout the transmitter on the air this weekend. Best Regards, Joe Cro N3IBX Any information will be greatly appreciated! 73 de Joe Cro N3IBX Joseph Cro N3IBX Collins, Heathkit, Hallicrafters Drake, National, and General Boatanchor language spoken here: N3IBX Basement of Boatanchors (http://hometown.aol.com/yardleyite/index.html) N3IBX Boatanchor Website (http://members.aol.com/yardleyite/collect/index3.htm) N3IBX AM Studios: (http://www.geocities.com/n3ibx/N3IBX.html?1000084610680) Collins Radio Association Member # 122 AM International Member # 1280 [Non-text portions of this message have been removed]

# 1493. BC-610 coils and cap

Yahoo group: T-368_BC-610
Date: 2002-11-03 21:44:58 UTC
From: Tom Siglin
Topic: 1493  Message: 1493

Greeting fellow BC-610'ers

From the pics, eBay seller rog42@... has several
coils and a 50 mmf cap for the radio. This link is for
one of the coils:
http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=1395191559

View other items, currently near the bottom of page 2,
to locate others coils and cap.

73's, Tom - WA2LTD

=====
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# 1494. Re: [T-368_BC-610] BC-610 coils and cap

Yahoo group: T-368_BC-610
Date: 2002-11-04 00:40:27 UTC
From: rbethman
Topic: 1493  Message: 1494

Yep!

But the specific one you linked is half missing!

Bob N0DGN

> one of the coils:
> http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=1395191559
>

# 1495. 610 coils on e-bay

Yahoo group: T-368_BC-610
Date: 2002-11-04 18:47:32 UTC
From: chas_east
Topic: 1495  Message: 1495

Not worth anything...Half is gone...

# 1496. Fire walls and bounced E-mails

Yahoo group: T-368_BC-610
Date: 2002-11-05 17:33:23 UTC
From: redmenaced
Topic: 1496  Message: 1496

Recently several ISP's have installed firewall systems that are causing the posts from this and other E-mail mailing lists to be bounced back as undeliverable due to possible security problems.

So, if you haven't been getting posts from some of your E-mail lists maybe your ISP has started bouncing them.

Joe

T-368/BC-610/HT-4 List owner

# 1497. Re: [T-368_BC-610] BC-610 coils and cap

Yahoo group: T-368_BC-610
Date: 2002-11-06 00:40:19 UTC
From: rbethman
Topic: 1493  Message: 1497

Ron,

You "just" never know.

I've got two Full sets of the 610 coils, including the notoriously difficult to find B&W 1.5 to 2.0 Mc.

All I need are MORE crystals - So I can move them to ham band freqs.

And definitely more TUs!

(Yep! Have plenty trading material. Also looking for spare 100ths, and 2A3s.

Bob N0DGN

----- Original Message -----
From: <BrRonK777@...>
To: <rbethman@...>
Sent: Tuesday, November 05, 2002 4:39 PM
Subject: Re: [T-368_BC-610] BC-610 coils and cap

> I noticed that, too, Bob.
>
> Sure hope no one tries to use it that way.
>
> 73, Ron K -- W1ARS

# 1498. Looking for some one's spare back panel

Yahoo group: T-368_BC-610
Date: 2002-11-06 06:43:49 UTC
From: rbethman
Topic: 1498  Message: 1498

Howdy!

I have a 1952 BC-610I.

I have no back panel.

Can they be had, where, whom, what does it take to get one?

Bob - N0DGN

[Non-text portions of this message have been removed]

# 1499. Re: [T-368_BC-610] Looking for some one's spare back panel

Yahoo group: T-368_BC-610
Date: 2002-11-06 15:07:25 UTC
From: Jack Taylor
Topic: 1498  Message: 1499

Speaking of back panels, I'm in need of one for a BC-610E. I could probably make one, but of all the pictures I've seen, there's not been one of a back panel view. Does anyone have a pointer to a picture?

73 de Jack

----- Original Message -----
From: "rbethman" <rbethman@...>
To: "T-368_BC-610" <T-368_BC-610@yahoogroups.com>
Sent: Tuesday, November 05, 2002 11:43 PM
Subject: [T-368_BC-610] Looking for some one's spare back panel

> Howdy!
>
> I have a 1952 BC-610I.
>
> I have no back panel.
>
> Can they be had, where, whom, what does it take to get one?
>
> Bob - N0DGN
>
>
> [Non-text portions of this message have been removed]
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

# 1500. Back panel of BC-610I

Yahoo group: T-368_BC-610
Date: 2002-11-07 03:01:35 UTC
From: rbethman
Topic: 1500  Message: 1500

Hello All,

I have a 610I minus a back panel.

The TM is not of much use as it does not give part numbers for panels or "cabinet" features.

I can deduce from the TM that the "E" model has a fixed upper section that has holes for convective air flow. The same method provides me with the "idea" that an "I" is "most likely" a singular solid piece from top to bottom with no "fixed" portion.

Can some of you 610 owners give me some input?

1) Is my assumption of the "E" correct?

2) Is my assumption of the "I" correct?

I am going to "assume", so far, that this is correct. That being the case, I can procure either a steel or aluminum plate, I'm going to "guess" at 16 ga, and cut to fit with holes in the upper segment for the PA deck to breath through convection.

A) Are the back panels "perforated at the modulation deck level also?

Back to scratching head and trying to solve this. Obviously without a rear panel I'm going to have RF in the Shack. That is NEVER a wonderful thing.

Bob - N0DGN

P.S. How about a list message with BC-610 registry info? I only see them occur for T-368s. With a registry listing, perhaps I can converse directly with an "I" owner or two.

[Non-text portions of this message have been removed]

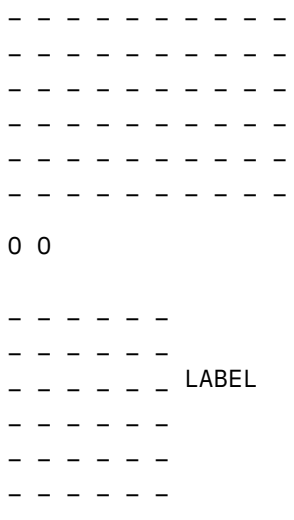
# 1501. Back of BC-610 as shown in halli movie

Yahoo group: T-368_BC-610
Date: 2002-11-07 03:26:33 UTC
From: Tom Siglin
Topic: 1500  Message: 1501

Hi BC-610 Fans,

The hallicrafters movie at
http://www.archive.org/movies/details-db.php?collection=prelinger&collectionid=07951b
shows the back of the transmitter about 5min, 38 sec
into the film.

It shows an upper portion of the back with an array of
10 groups of slotted vents similar to the front and
sides all accross the modulator section. For the power
supply, the right third is un-slotted with a
schematic(?) covering this area. The left two thirds
is slotted
with 6 groups of slots.




Hope that helps..... Tom - WA2LTD

=====
Phone (607) 785-7085h, 798-7115w, 760-9699c

WA2LTD / 108 Clark St. / Vestal, NY 13790
www.SIGTOMICS.com

PMI / 150 Ackley Ave. / Johnson City, NY 13790
www.PHOTOMICROGRAPHICS.com

_____
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# 1502. Let's Tickle the holder of the registry!

Yahoo group: T-368_BC-610
Date: 2002-11-07 04:44:17 UTC
From: rbethman
Topic: 1502  Message: 1502

```
----- Original Message -----
From: "Joe Foley" <redmenaced@...>
To: "rbethman" <rbethman@...>
Sent: Wednesday, November 06, 2002 10:41 PM
Subject: Re: [T-368_BC-610] Back panel of BC-610I

> There is a BC-610 registry, but I left it to the owner
> of a BC-610 to take care of. I'll bet with very
> little coaxing he would post the contents of that
> list.
>
> He needs to be poked up about it more often anyway.
>
> My guess is that you're on the right track, it would
> seem that the "I" model would more closely reflect the
> T-368 design of a single piece panel.
>
> Hmm,........ something about that sentence, it just
> doesn't follow the progression of the design history.
>
> Joe
>
>
>
> --- rbethman <rbethman@...> wrote:
> > Hello All,
> >
> > I have a 610I minus a back panel.
> >
> > The TM is not of much use as it does not give
> > part numbers for panels or "cabinet" features.
> >
> > I can deduce from the TM that the "E" model has
> > a fixed upper section that has holes for convective
> > air flow. The same method provides me with the
> > "idea" that an "I" is "most likely" a singular solid
> > piece from top to bottom with no "fixed" portion.
> >
> > Can some of you 610 owners give me some input?
> >
> > 1) Is my assumption of the "E" correct?
> >
> > 2) Is my assumption of the "I" correct?
> >
> > I am going to "assume", so far, that this is
```

> > correct. That being the case, I can procure either
> > a steel or aluminum plate, I'm going to "guess" at
> > 16 ga, and cut to fit with holes in the upper
> > segment for the PA deck to breath through
> > convection.
> >
> > A) Are the back panels "perforated at the
> > modulation deck level also?
> >
> > Back to scratching head and trying to solve
> > this. Obviously without a rear panel I'm going to
> > have RF in the Shack. That is NEVER a wonderful
> > thing.
> >
> > Bob - N0DGN
> >
> > P.S. How about a list message with BC-610 registry
> > info? I only see them occur for T-368s. With a
> > registry listing, perhaps I can converse directly
> > with an "I" owner or two.
> >
> >
> > [Non-text portions of this message have been
> > removed]
> >
> >
>
>
> _____
> Do you Yahoo!?
> U2 on LAUNCH - Exclusive greatest hits videos
> http://launch.yahoo.com/u2

# 1503. Re: [T-368_BC-610] Back of BC-610 as shown in halli movie

Yahoo group: T-368_BC-610
Date: 2002-11-07 06:57:35 UTC
From: rbethman
Topic: 1500  Message: 1503

I can see now that the "early" BC-610 models, as shown in the AVI movie had the PA deck installed as a separate top section on top of the remainder of the chassis.

The BC-610(I) is built differently.

there is a frame of four corners, a front panel, the side panels, and finally a back panel. Each of the decks is bolted into the four corner frame pieces. The front panel is connected to each deck by terminal strips, as are interconnecting deck cables.

There is NO one piece PA deck that simply bolts on to the top of the radio, with integral back panel.

So it appears that my assumption was correct. The "I" is a different animal. My back cover will indeed be a single piece, or a couple of pieces.

I "could" find some copper screen, solder all around the edges, and screw it in place as the "probably" easiest and cheapest method. Provides RF containment, AND PLENTY of ventilation. Although I find that it really doesn't need ventilation. It certainly DOESN'T need any fans. It never gets that warm.

NOW - to keep hunting Tuning Units and crystals. I have PA coils to trade for them!

Bob Bethman - N0DGN
Manassas, VA

R-390A EAC '67, R-390A Collins '52, '52 BC-610I(REAL Hallicrafters!), BC-939B, and BC-614E

----- Original Message -----
From: "Tom Siglin" <wa2ltd@...>
To: "T-368_BC-610" <T-368_BC-610@yahoogroups.com>
Sent: Wednesday, November 06, 2002 10:26 PM
Subject: [T-368_BC-610] Back of BC-610 as shown in halli movie

> Hi BC-610 Fans,
>
> The hallicrafters movie at
>
http://www.archive.org/movies/details-db.php?collection=prelinger&collection id=07951b
> shows the back of the transmitter about 5min, 38 sec
> into the film.
>

> It shows an upper portion of the back with an array of
> 10 groups of slotted vents similar to the front and
> sides all accross the modulator section. For the power
> supply, the right third is un-slotted with a
> schematic(?) covering this area. The left two thirds
> is slotted
> with 6 groups of slots.
>
> _ _ _ _ _ _ _ _ _ _
> _ _ _ _ _ _ _ _ _ _
> _ _ _ _ _ _ _ _ _ _
> _ _ _ _ _ _ _ _ _ _
> _ _ _ _ _ _ _ _ _ _
> _ _ _ _ _ _ _ _ _ _
>
> O O
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> _ _ _ _ _ _
> _ _ _ _ _ _
> _ _ _ _ _ _ LABEL
> _ _ _ _ _ _
> _ _ _ _ _ _
> _ _ _ _ _ _
>
> Hope that helps..... Tom - WA2LTD
>
>
>
> =====
> Phone (6O7) 785-7085h, 798-7115w, 760-9699c
>
> WA2LTD / 108 Clark St. / Vestal, NY 13790
> www.SIGTOMICS.com
>
> PMI / 150 Ackley Ave. / Johnson City, NY 13790
> www.PHOTOMICROGRAPHICS.com
>
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>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

# 1504. Re: [T-368_BC-610] Back panel of BC-610I

Yahoo group: T-368_BC-610
Date: 2002-11-07 07:05:45 UTC
From: rbethman
Topic: 1500  Message: 1504

Mike!

Why is your BC-610 rather "decrepit"?

Come on now, let's get to it!

We can't let them die!!!!

If you MUST, get it to a GOOD home!

Bob - N0DGN
(look at mywebpages.comcast.com/rbethman) Got to work on the page more. Use smaller pics and show the back end. It was VERY lovingly restored by WB2FCN. Gorgeous! Looks like new, except for one spot where it appears an acid or alkali was dripped on it.

----- Original Message -----
From: "Mike Hardie" <mikehardie@...>
To: "rbethman" <rbethman@...>
Sent: Wednesday, November 06, 2002 10:40 PM
Subject: Re: [T-368_BC-610] Back panel of BC-610I

> My rather decrepid "E" model is as you describe, the back has two sections,
> the bottom section being removable.
>
> The back top section has small perforated holes in approximately 3" by 5"
> rectangular patterns across the width.
>
> The bottom section has rectangular horizontal slots more or less full width
> along the top edge, and the same size/shape slots near the center of the
> back bottom edge.
>
> There are a couple of cut-outs for cables.
>
> Detail available if required.
>
> Mike VE7MMH
>
>
> ----- Original Message -----
> From: "rbethman" <rbethman@...>
> To: "T-368_BC-610" <T-368_BC-610@yahoogroups.com>
> Sent: Wednesday, November 06, 2002 7:01 PM
> Subject: [T-368_BC-610] Back panel of BC-610I
>

>
> > Hello All,
> >
> > I have a 610I minus a back panel.
> >
> > The TM is not of much use as it does not give part numbers for
panels
> or "cabinet" features.
> >
> > I can deduce from the TM that the "E" model has a fixed upper
section
> that has holes for convective air flow. The same method provides me with
> the "idea" that an "I" is "most likely" a singular solid piece from top to
> bottom with no "fixed" portion.
> >
> > Can some of you 610 owners give me some input?
> >
> > 1) Is my assumption of the "E" correct?
> >
> > 2) Is my assumption of the "I" correct?
> >
> > I am going to "assume", so far, that this is correct. That being
the
> case, I can procure either a steel or aluminum plate, I'm going to "guess"
> at 16 ga, and cut to fit with holes in the upper segment for the PA deck
to
> breath through convection.
> >
> > A) Are the back panels "perforated at the modulation deck level
> also?
> >
> > Back to scratching head and trying to solve this. Obviously without
a
> rear panel I'm going to have RF in the Shack. That is NEVER a wonderful
> thing.
> >
> > Bob - N0DGN
> >
> > P.S. How about a list message with BC-610 registry info? I only see
them
> occur for T-368s. With a registry listing, perhaps I can converse
directly
> with an "I" owner or two.
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> > Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
> >

> >
>

# 1505. BC-610 Registry

Yahoo group: T-368_BC-610
Date: 2002-11-07 15:41:19 UTC
From: N6WIG
Topic: 688  Message: 1505

The owner has been tickled and will post it when I get home
tonight. Been really busy with some night classes and have
been taking care of only the squeakiest wheels.

73's

Mike

? ?/// ? ? ?<mikhael@...>
? ? | ?Collector of Military and Vintage
? ?/|\ ? ? commuications equipment.
? N6WIG ? ? ? ?San Jose
AAR9MX

# 1506. BC-610 Registry

Yahoo group: T-368_BC-610
Date: 2002-11-08 01:27:44 UTC
From: N6WIG
Topic: 688  Message: 1506

If there are any additions, changes or corrections, let me
know.

BC-610 Registry (November 7, 2002):

First Name: Louis
Last Name: Aligieri
Call: WA1JXR
email: wa1jxr@...
BC-610 Model: BC-610
Order Number:
Manufacturer: Hallicrafters
Serial Number: 503

First Name: Bob
Last Name: Bethman
Call: N0DGN
email: rbethman@...
BC-610 Model: BC-610I
Order Number: 3357-PHILA-52
Manufacturer: Hallicrafters
Serial Number: 642

First Name: Rick
Last Name: Blank
Call: KI5SL
email: rblank@...
BC-610 Model: BC-610I
Order Number: 19624-PHILA-50
Manufacturer: Barker and Williamson, Inc
Serial Number: 79

First Name: Mikhael (Mike)
Last Name: Brown
Call: N6WIG
email: mikhael@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Hallicrafters
Serial Number: 1242

First Name: John
Last Name: Burgwyn
Call: W4WAW
email: jburgwynjr@...
BC-610 Model: BC-610F

Order Number: 10970-PH-48-77
Manufacturer: David Bogen Co Inc
Serial Number: 247

First Name: Ben
Last Name: Chamberlain
Call: KG8SX
email: welmar@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Hallicrafters
Serial Number: 985

First Name: Joel
Last Name: Cumberland
Call: N3EYR
email: joel@...
BC-610 Model: BC-610H
Order Number: 21418-Phila-50-7-C
Manufacturer: Hallicrafters
Serial Number: 497

First Name: Clay
Last Name: DeWitt
Call: N4QNX
email: n4qnx.aol.com
BC-610 Model: BC-610G
Order Number: July 1949
Manufacturer: Hallicrafters
Serial Number: 87

First Name: Jeff
Last Name: Edmonson
Call: W5OMR
email: w5omr@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Hallicrafters
Serial Number:

First Name: Mike
Last Name: Hardie
Call: VE7MMH
email: hardiem@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Hallicrafters
Serial Number: 435

First Name: Dan
Last Name: Harlan
Call: N8ETQ

email: dharlan@...
BC-610 Model: BC-610E
Order Number: 28934-PHILA-45-07
Manufacturer: Hallicrafters
Serial Number: 656

First Name: Ron
Last Name: Kresge
Call: W1ARS
email: brronk777@...
BC-610 Model: BC-610E
Order Number: 28934-PHILA-45-07
Manufacturer: Hallicrafters
Serial Number: 78

First Name: Rev Ronnie
Last Name: Parker
Call: N1UDI
email: n1udi19@...
BC-610 Model: BC-610F
Order Number: 10970-PH-48-77
Manufacturer: David Bogen Co,Inc. New
York,NY
Serial Number: 119

First Name: Gary
Last Name: Pewitt
Call: N9ZSV/AE
email: gpewitt@...
BC-610 Model: BC-610I
Order Number:
Manufacturer:
Serial Number:

First Name: Rolynn
Last Name: Prechtl
Call: K7DFW
email: k7dfw@...
BC-610 Model: BC-610G
Order Number: ' 49
Manufacturer: Hallicrafters
Serial Number: 141

First Name: Rolynn
Last Name: Prechtl
Call: K7DFW
email: k7dfw@...
BC-610 Model: BC-610F
Order Number: ' 48
Manufacturer: Bogen
Serial Number: 325

First Name: Bob
Last Name: Richmond
Call: W8MNQ
email: w8mnq@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Hallicrafters
Serial Number: 325

First Name: Bill
Last Name: Shaw
Call: W2HYN
email: w2hyn@...
BC-610 Model: BC-610E
Order Number:
Manufacturer:
Serial Number:

First Name: Tom
Last Name: Smith
Call: N5AMA
email: tsmith@...
BC-610 Model: BC-610I
Order Number:
Manufacturer: Hallicrafters
Serial Number: 333

First Name: Theodore
Last Name: Stoner III
Call: WR4T
email: wr4t@...
BC-610 Model: BC-610E
Order Number: 28934-Phila-45-07
Manufacturer: Hallicrafters
Serial Number: 322

First Name: Jack
Last Name: Taylor
Call: N7OO
email: n7oo@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Halicrafters
Serial Number: 3223

First Name: Keith
Last Name: Tucker
Call: WA9CUE
email: ketken@...
BC-610 Model: BC-610E
Order Number:
Manufacturer: Hallicrafters

Serial Number: 289

First Name: Herb
Last Name: Ulrich
Call: K2VH
email: k2VH@...
BC-610 Model: BC-610E
Order Number: 18372-Phila-44
Manufacturer: Hallicrafters, Chicago, Ill.
Serial Number: 1211

First Name: Jim
Last Name: Walker
Call: WB2FCN
email: chejmw@...
BC-610 Model: BC-610I
Order Number:
Manufacturer:
Serial Number:

First Name: Jim
Last Name: Walker
Call: WB2FCN
email: chejmw@...
BC-610 Model: BC-610E
Order Number:
Manufacturer:
Serial Number:

First Name: Theodore
Last Name: Young
Call: W3PWW
email:
BC-610 Model: BC-610F
Order Number: 10970-PH-48-77
Manufacturer: David Bogen Co
Serial Number: 25

First Name: Ed
Last Name: Zeranski
Call:
email: ezeran@...
BC-610 Model: BC-610I
Order Number: 18723-Phila-49
Manufacturer: Barker I Williamson
Serial Number: 164

? ?/// ? ? ?<mikhael@...>
? ? | ?Collector of Military and Vintage
? ?/|\ ? ? commuications equipment.
? N6WIG ? ? ? ?San Jose
AAR9MX

# 1507. Re: [T-368_BC-610] BC-610 Registry

Yahoo group: T-368_BC-610
Date: 2002-11-08 23:45:12 UTC
From: R.J. Mattson
Topic: 688  Message: 1507

Hi Mike N6WIG,
Please add me to the BC-610 Registry. Information below:

First Name: Bob
Last Name: Mattson
Call: W2AMI
email: w2ami@...
BC-610 Model: BC-610-H
Order Number: 19624-PHILA-50
Manufacturer: Barker and Williamson, Inc
Serial Number: 482

Regards,
Bob Mattson...W2AMI
WN2AMI 1962
Highland NY
http://www.qrz.com/callsign/w2ami

----- Original Message -----
From: "N6WIG" <mikhael@...>
To: "BC-610 group" <T-368_BC-610@yahoogroups.com>
Sent: Thursday, November 07, 2002 8:27 PM
Subject: [T-368_BC-610] BC-610 Registry

If there are any additions, changes or corrections, let me
know.

BC-610 Registry (November 7, 2002):

# 1508. TU-47

Yahoo group: T-368_BC-610
Date: 2002-11-09 00:29:27 UTC
From: redmenaced
Topic: 1508  Message: 1508

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=732852953

# 1509. New to the BC-610

Yahoo group: T-368_BC-610
Date: 2002-11-09 01:39:18 UTC
From: Jim DiMauro
Topic: 1509  Message: 1509

Hello All:

I'm considering hunting for a BC-610, but first I need to do some research. I've done several web searches, but I've found very little on the '610. Hopefully someone on this list can point me to some material. For starters, where can I find a description of the various models of the '610 (BC-610H, I, etc.)? I'd like to know basically what the major differences are, both electrially and styling-wise, and approximately what years each model series was produced. Is there a site somewhere that will have this info? Thanx!

73,
Jim
WA2MER

# 1510. Re: TU-47

Yahoo group: T-368_BC-610
Date: 2002-11-09 02:04:10 UTC
From: Joe Foley
Topic: 1508  Message: 1510

--- chas_east <chas_east@...> wrote:
> --- In T-368_BC-610@y..., "redmenaced"
> <redmenaced@y...> wrote:
> >
>
http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=732852953

> Hey this is halfway to 160..I would want $200 FOR MY
> PADDED UNIT AND
> A COIL..iWAs TICKLED TO DEATH TO FIND
> MINE...lATER....ka5srb
+++++++
GOOD!

Then it is useful to someone. The only bad points are
that it is in Italy! And he doesnt' take Money
Orders.

Don't forget to check his "other auctions" as he has
other tuning units, and more good stuff.

Um,.........

If you put Italian tubes in your modulator deck does
it affect your accent on transmit?

Joe

_____
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http://launch.yahoo.com/u2

# 1511. Updated BC-610 Registry

Yahoo group: T-368_BC-610
Date: 2002-11-09 18:38:28 UTC
From: Mikhael
Topic: 1511  Message: 1511

Thanks for the additions and corrections. Had the
nomenclature wrong for the model number (Thanks Robert). We
now have 29 entries in the registry.

73's
Mike

BC-610 Registry (November 9, 2002):

First Name: Louis
Last Name: Aligieri
Call: WA1JXR
email: wa1jxr@...
BC-610 Model: BC-610
Order Number:
Manufacturer: Hallicrafters
Serial Number: 503

First Name: Bob
Last Name: Bethman
Call: N0DGN
email: rbethman@...
BC-610 Model: BC-610-I
Order Number: 3357-PHILA-52
Manufacturer: Hallicrafters
Serial Number: 642

First Name: Rick
Last Name: Blank
Call: KI5SL
email: rblank@...
BC-610 Model: BC-610-I
Order Number: 19624-PHILA-50
Manufacturer: Barker and Williamson, Inc
Serial Number: 79

First Name: Mikhael
Last Name: Brown
Call: N6WIG
email: mikhael@...
BC-610 Model: BC-610-E
Order Number:
Manufacturer: Hallicrafters
Serial Number: 1242

First Name: John
Last Name: Burgwyn

Call: W4WAW
email: jburgwynjr@...
BC-610 Model: BC-610-F
Order Number: 10970-PH-48-77
Manufacturer: David Bogen Co Inc
Serial Number: 247

First Name: Ben
Last Name: Chamberlain
Call: KG8SX
email: welmar@...
BC-610 Model: BC-610-E
Order Number:
Manufacturer: Hallicrafters
Serial Number: 985

First Name: Joel
Last Name: Cumberland
Call: N3EYR
email: joel@...
BC-610 Model: BC-610-H
Order Number: 21418-Phila-50-7-C
Manufacturer: Hallicrafters
Serial Number: 497

First Name: Clay
Last Name: DeWitt
Call: N4QNX
email: n4qnx.aol.com
BC-610 Model: BC-610-G
Order Number: July 1949
Manufacturer: Hallicrafters
Serial Number: 87

First Name: Jeff
Last Name: Edmonson
Call: W5OMR
email: w5omr@...
BC-610 Model: BC-610-E
Order Number:
Manufacturer: Hallicrafters
Serial Number:

First Name: Mike
Last Name: Hardie
Call: VE7MMH
email: hardiem@...
BC-610 Model: BC-610-E
Order Number:
Manufacturer: Hallicrafters
Serial Number: 435

First Name: Dan
Last Name: Harlan
Call: N8ETQ
email: dharlan@...
BC-610 Model: BC-610-E
Order Number: 28934-PHILA-45-07
Manufacturer: Hallicrafters
Serial Number: 656

First Name: Ron
Last Name: Kresge
Call: W1ARS
email: brronk777@...
BC-610 Model: BC-610-E
Order Number: 28934-PHILA-45-07
Manufacturer: Hallicrafters
Serial Number: 78

First Name: Bob
Last Name: Mattson
Call: W2AMI
email: rjmattson@...
BC-610 Model: BC-610-H
Order Number: 19624-PHILA-50
Manufacturer: Barker and Williamson, Inc
Serial Number: 482

First Name: Rev Ronnie
Last Name: Parker
Call: N1UDI
email: n1udi19@...
BC-610 Model: BC-610-F
Order Number: 10970-PH-48-77
Manufacturer: David Bogen Co,Inc. New
York,NY
Serial Number: 119

First Name: Gary
Last Name: Pewitt
Call: N9ZSV/AE
email: gpewitt@...
BC-610 Model: BC-610-I
Order Number:
Manufacturer:
Serial Number:

First Name: Rolynn
Last Name: Prechtl
Call: K7DFW
email: k7dfw@...
BC-610 Model: BC-610-G
Order Number: ' 49

Manufacturer: Hallicrafters
Serial Number: 141

First Name: Rolynn
Last Name: Prechtl
Call: K7DFW
email: k7dfw@...
BC-610 Model: BC-610-F
Order Number: ' 48
Manufacturer: Bogen
Serial Number: 325

First Name: Bob
Last Name: Richmond
Call: W8MNQ
email: w8mnq@...
BC-610 Model: BC-610-E
Order Number:
Manufacturer: Hallicrafters
Serial Number: 325

First Name: Bill
Last Name: Shaw
Call: W2HYN
email: w2hyn@...
BC-610 Model: BC-610-E
Order Number:
Manufacturer:
Serial Number:

First Name: Tom
Last Name: Siglin
Call: WA2LTD
email: wa2ltd@...
BC-610 Model: BC-610-E
Order Number:
Manufacturer: Hallicrafters
Serial Number:

First Name: Tom
Last Name: Smith
Call: N5AMA
email: tsmith@...
BC-610 Model: BC-610-I
Order Number:
Manufacturer: Hallicrafters
Serial Number: 333

First Name: Theodore
Last Name: Stoner III
Call: WR4T
email: wr4t@...

BC-610 Model: BC-610-E
Order Number: 28934-Phila-45-07
Manufacturer: Hallicrafters
Serial Number: 322

First Name: Jack
Last Name: Taylor
Call: N7OO
email: n7oo@...
BC-610 Model: BC-610-E
Order Number:
Manufacturer: Halicrafters
Serial Number: 3223

First Name: Keith
Last Name: Tucker
Call: WA9CUE
email: ketken@...
BC-610 Model: BC-610-E
Order Number:
Manufacturer: Hallicrafters
Serial Number: 289

First Name: Herb
Last Name: Ulrich
Call: K2VH
email: k2VH@...
BC-610 Model: BC-610-E
Order Number: 18372-Phila-44
Manufacturer: Hallicrafters, Chicago, Ill.
Serial Number: 1211

First Name: Jim
Last Name: Walker
Call: WB2FCN
email: chejmw@...
BC-610 Model: BC-610-I
Order Number:
Manufacturer:
Serial Number:

First Name: Jim
Last Name: Walker
Call: WB2FCN
email: chejmw@...
BC-610 Model: BC-610-E
Order Number:
Manufacturer:
Serial Number:

First Name: Theodore
Last Name: Young

Call: W3PWW
email:
BC-610 Model: BC-610-F
Order Number: 10970-PH-48-77
Manufacturer: David Bogen Co
Serial Number: 25

First Name: Ed
Last Name: Zeranski
Call:
email: ezeran@...
BC-610 Model: BC-610-I
Order Number: 18723-Phila-49
Manufacturer: Barker I Williamson
Serial Number: 164

# 1512. Re: [T-368_BC-610] Re: TU-47

Yahoo group: T-368_BC-610
Date: 2002-11-09 18:46:56 UTC
From: rbethman
Topic: 1508  Message: 1512

Joe,

I bought two TUs from a fellow in Italy.

One was also a TU-47. The only problem I had was that they had sat in storage too long. I had to soak the shaft bushings in DeOxit for a few days before you could turn the shafts by hand.

The guy was straight - packed good - and shipped on time! If this guy has "rbethman" in his feedback - he's the one! It would have been back around April to June.

Bob - N0DGN

> http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=732852953
>
>
> > Hey this is halfway to 160..I would want $200 FOR MY
> > PADDED UNIT AND
> > A COIL..iWAs TICKLED TO DEATH TO FIND
> > MINE...lATER....ka5srb
> +++++++
> GOOD!
>
> Then it is useful to someone. The only bad points are
> that it is in Italy! And he doesnt' take Money
> Orders.
>
> Don't forget to check his "other auctions" as he has
> other tuning units, and more good stuff.
>
> Um,.........
>
> If you put Italian tubes in your modulator deck does
> it affect your accent on transmit?
>
> Joe
>
> _____
> Do you Yahoo!?
> U2 on LAUNCH - Exclusive greatest hits videos
> http://launch.yahoo.com/u2
>
>
>
>

> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

# 1513. Back panel for BC-610

Yahoo group: T-368_BC-610
Date: 2002-11-10 22:22:47 UTC
From: chas_east
Topic: 1513  Message: 1513

I found one in my barn...About 75 % paint and rust..It has the line input filters...but in what shape???...I got e-mail from someone looking for one....I have 2 bc- 610 I s but have no Idea what it belongs to...I'm going to dig it out next weekend and see if it is Identified in some way..Whats it worth to you...Shipping is going to be a bugger..Later Rick...KA5SRB

# 1514. Ham-Radio-News-subscribe@YahooGroups.com

Yahoo group: T-368_BC-610
Date: 2002-11-11 05:42:18 UTC
From: Jim Thompson - w3lap
Topic: 1514  Message: 1514

Join the new Ham-Radio-News the list that rejects no post.
All Hams and All News Welcome!
If you have Ham Radio News we want you to share it...

Mailto:Ham-Radio-News-subscribe@...

# 1515. Meisner Signal Shifter help?

Yahoo group: T-368_BC-610
Date: 2002-11-14 00:44:09 UTC
From: redmenaced
Topic: 1515  Message: 1515

Tony needs help:

w4foa@...

To: Boatanchors@...
Subject: [Boatanchors] Meissner Signal Shifter Users?
Date: Wed, 13 Nov 2002 09:27:52 -0500

I've just recently obtained a Meissner Signal Shifter (SN# 4883) and have a few questions concerning it. Is there anyone out there that is currently using one of these old beauties that would care to exchange a couple of emails with me, until I get this one up and running? If so, please reply direct...

Thanks in advance.
Tony, W4FOA

---

# 1516. vacuum variable anyone need one?

Yahoo group: T-368_BC-610
Date: 2002-11-14 11:34:32 UTC
From: W2ZR@aol.com
Topic: 1516  Message: 1516

<PRE>http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=801752354

# 1517. T-368 RF deck modifications

Yahoo group: T-368_BC-610
Date: 2002-11-18 01:33:29 UTC
From: -- KK4DF --
Topic: 1517  Message: 1517

I am looking at doing the RF deck modifications recommended on the AM Window site at:
http://www.amwindow.org/tech/htm/t368.htm

I have no problems with the changes to take B+ off the tank coil, adding a coupling cap and a bypass cap and a new choke and grounding one end of L3. A few items in the RF deck modifications schematic confuse me:

1. L3 shows up twice in the modifications schematic. The one in the lower right-hand corner seems to be L10. I think this one is just mislabeled, and should read L10 instead of L3.
2. There is a 500pF cap replacing a 2200pF cap (C5) that bypasses the 4-400 screen grid to ground. But there are also two more 500pF caps in series that bypass the screen grid of the clamper tube to ground. And the screen grid of the 4-400 and the clamper are electrically tied together. Is there some reason for separate caps to bypass RF locally at each location? I'm guessing this is because there's too much distance between these two locations to get an effective RF ground without grounding at both locations.

Has anyone else on this list done these modifications? Please comment regarding the success of these, especially the impact on audio quality.

I'm also considering taking B+ off the plate current meter, and turning it into a cathode current meter.

Thanks,
Walter Wilson - KK4DF

# 1518. Re: [T-368_BC-610] T-368 RF deck modifications

Yahoo group: T-368_BC-610
Date: 2002-11-18 03:39:27 UTC
From: Joe Foley
Topic: 1517  Message: 1518

Hey!

What are you trying to pull here?

We've got the whole thing in the files section of the
homepage for this very list. Its an excellent thing!
Done by W3NP, Dave.

There are even pictures!!

Go take a look and comment at will, your input will be
very helpful.

It's approximately here:

http://groups.yahoo.com/group/T-368_BC-610/files/

Don't forget to look here, too:

http://photos.groups.yahoo.com/group/t-368_bc-610/lst?.dir=/T-368&.src=gr&.order=&.view=t&
.done=http%3a//briefcase.yahoo.com/

Joe

--- -- KK4DF -- <kk4df@...> wrote:
> I am looking at doing the RF deck modifications
> recommended on the AM
> Window site at:
> http://www.amwindow.org/tech/htm/t368.htm
>
> I have no problems with the changes to take B+ off
> the tank coil,
> adding a coupling cap and a bypass cap and a new
> choke and grounding
> one end of L3. A few items in the RF deck
> modifications schematic
> confuse me:
>
> 1. L3 shows up twice in the modifications
> schematic. The one in the
> lower right-hand corner seems to be L10. I think
> this one is just
> mislabeled, and should read L10 instead of L3.
> 2. There is a 500pF cap replacing a 2200pF cap (C5)
> that bypasses
> the 4-400 screen grid to ground. But there are also
> two more 500pF

> caps in series that bypass the screen grid of the
> clamper tube to
> ground. And the screen grid of the 4-400 and the
> clamper are
> electrically tied together. Is there some reason
> for separate caps
> to bypass RF locally at each location? I'm guessing
> this is because
> there's too much distance between these two
> locations to get an
> effective RF ground without grounding at both
> locations.
>
> Has anyone else on this list done these
> modifications? Please
> comment regarding the success of these, especially
> the impact on
> audio quality.
>
> I'm also considering taking B+ off the plate current
> meter, and
> turning it into a cathode current meter.
>
> Thanks,
> Walter Wilson - KK4DF
>
>

---------------------------------------------------
Do you Yahoo!?
Yahoo! Web Hosting - Let the expert host your site
http://webhosting.yahoo.com

# 1519. Re: [T-368_BC-610] T-368 RF deck modifications

Yahoo group: T-368_BC-610
Date: 2002-11-19 01:53:52 UTC
From: w7qho@aol.com
Topic: 1517  Message: 1519

In a message dated 11/17/02 5:32:34 PM, kk4df@... writes:

> http://www.amwindow.org/tech/htm/t368.htm
>

Walter,

Good questions. First, the RF choke labeled L3 on the antenna output is certainly L10. As far as the rather odd arrangement of 500 pf caps in the screen circuit, I suspect these were what Tim had on hand so that is what he used. A large value of screen bypass will adversely affect high end audio response. Tim may have found (or worried) that going from 2300 down to 500 pf was too much so he added some additional bypass for "good measure" later. Doing this out at the clamp tube is easier than opening up the PA chassis to get to the 4-400 screen pin.

The B&W 800 does not have enough inductance for this application and will get warm on 75 and hot on 160M. There was a thread on this a while ago. The Yahoo web site listed by Joe ( http://groups.yahoo.com/group/T-368_BC-610/files/) gives one solution to this problem. Whatever choke you use in the plate circuit, make sure it exhibits no series resonances on any of the frequencies on which you plan to operate.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 1520. RE: [T-368_BC-610] T-368 RF deck modifications

Yahoo group: T-368_BC-610
Date: 2002-11-19 14:14:36 UTC
From: Tom Mackie
Topic: 1517  Message: 1520

FWIW,
Regarding plate chokes.
I didn't have time to home-wind so I used a $25 commercial choke.
The RFC-3 worked out well, it can be installed easily, adjacent to the 4-400.
http://www.rfparts.com/choke.html#plate

73
Tom
W2ILA

-----Original Message-----
From: w7qho@... [mailto:w7qho@...m]
Sent: Monday, November 18, 2002 8:54 PM
To: kk4df@...; T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] T-368 RF deck modifications

In a message dated 11/17/02 5:32:34 PM, kk4df@... writes:

> http://www.amwindow.org/tech/htm/t368.htm
>

Walter,

Good questions. First, the RF choke labeled L3 on the antenna output is certainly L10. As far as the rather odd arrangement of 500 pf caps in the screen circuit, I suspect these were what Tim had on hand so that is what he used. A large value of screen bypass will adversely affect high end audio response. Tim may have found (or worried) that going from 2300 down to 500 pf was too much so he added some additional bypass for "good measure" later. Doing this out at the clamp tube is easier than opening up the PA chassis to get to the 4-400 screen pin.

The B&W 800 does not have enough inductance for this application and will get warm on 75 and hot on 160M. There was a thread on this a while ago. The Yahoo web site listed by Joe ( http://groups.yahoo.com/group/T-368_BC-610/files/) gives one solution to this problem. Whatever choke you use in the plate circuit, make sure it exhibits no series resonances on any of the frequencies on which you plan to operate.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

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# 1521. Re: [T-368_BC-610] T-368 RF deck modifications

Yahoo group: T-368_BC-610
Date: 2002-11-19 19:36:35 UTC
From: w7qho@aol.com
Topic: 1517  Message: 1521

In a message dated 11/19/02 6:17:01 AM, tom_mackie@... writes:

> Regarding plate chokes.
> I didn't have time to home-wind so I used a $25 commercial choke.
> The RFC-3 worked out well, it can be installed easily, adjacent to the
> 4-400.
> http://www.rfparts.com/choke.html#plate
>

Sounds like the perfect solution to me.

Incidentally, I opted for a simpler modification in my T368s. Noticeable top end improvement can be achieved by merely reducing the DC blocking capacity in the middle of the Pi-L tank circuit to .001 mf and doing the same to the RF bypassing on the incoming HVDC line. The tuning on 160M is affected somewhat with this mod but there is no apparent affect on output or efficiency. Reducing the value of 4-400 screen bypass cap would probably provide additional improvement but I haven't tried this.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 1522. RE: [T-368_BC-610] T-368 RF deck modifications

Yahoo group: T-368_BC-610
Date: 2002-11-19 20:26:29 UTC
From: Tom Mackie
Topic: 1517  Message: 1522

I also have not changed the screen bypass.

At first I ran with the way you mention as a way of decreasing capacity. I ran it that way for a year and it worked well. Unfortunately the doorknobs that I used to replace the DC blocking capacity would slowly heat and change the tuning. Re-configuiring things (eliminating the doorknobs) and taking HV off the tank solved an intermittant (and frustrating) zorch problem, stopped the heat related tuning creep and I also noticed slightly sharper tuning.

BTW I now tune 80 meters by using the 2.0-3.0MHz range.

Lots of cool ways to do the mod !

73
Tom W2ILA

-----Original Message-----
From: W7QHO@... [mailto:W7QHO@...]
Sent: Tuesday, November 19, 2002 2:37 PM
To: Tom Mackie; kk4df@...; T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] T-368 RF deck modifications

In a message dated 11/19/02 6:17:01 AM, tom_mackie@... writes:

Regarding plate chokes.
I didn't have time to home-wind so I used a $25 commercial choke.
The RFC-3 worked out well, it can be installed easily, adjacent to the 4-400.
http://www.rfparts.com/choke.html#plate

Sounds like the perfect solution to me.

Incidentally, I opted for a simpler modification in my T368s. Noticeable top end improvement can be achieved by merely reducing the DC blocking capacity in the middle of the Pi-L tank circuit to .001 mf and doing the same to the RF bypassing on the incoming HVDC line. The tuning on 160M is affected somewhat with this mod but there is no apparent affect on output or efficiency. Reducing the value of 4-400 screen bypass cap would probably provide additional improvement but I haven't tried this.

Dennis D. W7QHO
Glendale, CA

# 1523. Re: [T-368_BC-610] T-368 RF deck modifications

Yahoo group: T-368_BC-610
Date: 2002-11-20 05:47:44 UTC
From: w7qho@aol.com
Topic: 1517  Message: 1523

In a message dated 11/19/02 1:39:25 PM, tom_mackie@... writes:

> I also have not changed the screen bypass.
>
>
Tom,

I tried connecting the bottom end of that 80K screen dropping resistor to the modulated HV line a while ago. Gave some additional improvement on the top end of the audio range but nobody could tell the difference on the air so I returned to the stock circuit. Sometime I want to try connecting a 500 pf or so cap from the screen over from the modulated HV and see what this does to the upper end of the audio range.

> At first I ran with the way you mention as a way of decreasing capacity.  I
> ran it that way for a year and it worked well.  Unfortunately the doorknobs
> that I used to replace the DC blocking capacity would slowly heat and
> change the tuning.  Re-configuiring things (eliminating the doorknobs) and
> taking HV off the tank solved an intermittant (and frustrating) zorch
> problem, stopped the heat related tuning creep and I also noticed slightly
> sharper tuning.
>
>
Yes, one would want to use a cap with sufficient current carrying capacity here. I was luckey to have a .001 unit the size of the .0039 monster found in later models and have experienced no heating problems. I have never had any arc-over problems in my T3s even though these are frequently reported by other users. I wonder if only certain models are prone to this. Mine are older units (a Basic and a C).

> BTW I now tune 80 meters by using the 2.0-3.0MHz range.
>
>
Interesting. Is this a consequence of the modification, or will unmodified sets work this way too?

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 1524. RE: [T-368_BC-610] T-368 RF deck modifications

Yahoo group: T-368_BC-610
Date: 2002-11-20 13:42:53 UTC
From: Tom Mackie
Topic: 1517  Message: 1524

Sometime I want to try connecting a 500 pf or so cap from the screen over from the modulated HV and see what this does to the upper end of the audio range.

Would like to hear how that works out.
The other one I am curious about is negative cycle unloading that was documented in the January '95 Electric Radio. Its on the list of things to do.

have never had any arc-over problems in my T3s even though these are frequently reported by other users. I wonder if only certain models are prone to this. Mine are older units (a Basic and a C).

Dont know... Mine is an F, or at least thats what the data plate says. It has some frankenradio traits such as an early speech amp and modulator deck dated in the '50's. Much of the RF deck is date coded from '67. It does not have ceramic variables. I never did find the source of the arc. It would trip the overload and then be happy for an unpredictable time.

BTW I now tune 80 meters by using the 2.0-3.0MHz range.

Interesting. Is this a consequence of the modification, or will unmodified sets work this way too?

My unmodified T3 worked and tuned by-the-book. Only after modification did 80 reside on 2.0-3.0 MHz. 160M is normal. In both cases the tuning and loading curves in the book no longer apply. Tuning is much sharper also. I used to have a very broad peak in stock form which made tuning in the low power mode inaccurate. Now, since the mods, the resonant peak is very sharp and identifiable. I have not tried the rig on 40. Overall, I must say that the mods to the RF deck have made my T3 a much more civil rig to tune and operate.

73 W2ILA

# 1525. BC-610 stuff on E-bay

Yahoo group: T-368_BC-610
Date: 2002-11-21 15:54:49 UTC
From: redmenaced
Topic: 1525  Message: 1525

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=1789626440

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=1940000191

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=1940503612

# 1526. Just in case you need one:

Yahoo group: T-368_BC-610
Date: 2002-11-24 05:02:24 UTC
From: redmenaced
Topic: 1526  Message: 1526

These are at Fair Radio, the "USED-POOR" ones are a great deal, they work!! Just ask N2BC.

The gov't reconditioned ones come sealed in the metal envelope. They look NEW!

Joe

ME-165/G STANDING WAVE-RATIO POWER METER , designed for use with T-368 400 W transmitter; used 12/ 600 ohm 50 W non-inductive resistors in parallel to provide 52 ohm 600 W load with SWR of 1.1:1 of less upto 30 MHz. Has 0-600 Watt meter, function switch Power-Adjust-SWR-Operate, & N connections. Flanged on back for wall mount.
1.5x9.8x9.8, 20 lbs. GOV'T- RECOND, $125.00;
ME-165/G USED-GOOD-looking, complete, $45.00
ME-165/G USED-POOR -looking, complete, $25.00
Manual, repro $8.50

# 1527. Re: [T-368_BC-610] Just in case you need one:

Yahoo group: T-368_BC-610
Date: 2002-11-24 05:04:42 UTC
From: rbethman
Topic: 1526  Message: 1527

I have one with the dummy load inside. It is either "reconditioned" or "NOS".

These are GREAT!

Bob - N0DGN

----- Original Message -----
From: "redmenaced" <redmenaced@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Sunday, November 24, 2002 12:02 AM
Subject: [T-368_BC-610] Just in case you need one:

These are at Fair Radio, the "USED-POOR" ones are a great deal, they work!! Just ask N2BC.

The gov't reconditioned ones come sealed in the metal envelope. They look NEW!

Joe

ME-165/G STANDING WAVE-RATIO POWER METER , designed for use with T-368 400 W transmitter; used 12/ 600 ohm 50 W non-inductive resistors in parallel to provide 52 ohm 600 W load with SWR of 1.1:1 of less upto 30 MHz. Has 0-600 Watt meter, function switch Power-Adjust-SWR-Operate, & N connections. Flanged on back for wall mount.
1.5x9.8x9.8, 20 lbs. GOV'T- RECOND, $125.00;
ME-165/G USED-GOOD-looking, complete, $45.00
ME-165/G USED-POOR -looking, complete, $25.00
Manual, repro $8.50

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# 1528. Re: [T-368_BC-610] Just in case you need one:

Yahoo group: T-368_BC-610
Date: 2002-11-24 07:11:54 UTC
From: w7qho@aol.com
Topic: 1526  Message: 1528

In a message dated 11/23/02 9:04:11 PM, redmenaced@... writes (in part):

> ME-165/G STANDING WAVE-RATIO POWER METER , designed for use with T-
> 368 400 W transmitter........
>

Military also used these with the T-195/GRC-19. Great station accessory. SWR goes to pot in a hurry above 30 MHz, though.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 1529. Re: [T-368_BC-610] Just in case you need one:

Yahoo group: T-368_BC-610
Date: 2002-11-24 17:23:54 UTC
From: James M. Walker
Topic: 1526  Message: 1529

Here is a heads up:
1) New or reconditioned units are available from time to time for 30.00.
2) the full manual (TM) is available for download at the ETM site which
is
http://www.logsa.army.mil/etms/find_etm.cfm
3) the unit WAS designed to be highly accurate up to 22 Mhz ONLY.
4) If it is setup according to the TM and properly connected in a system
it is just as accurate as a Bird wattmeter.
5) The unit will handle 400 watts continuous, and 600 watts
intermittently.
FWIW
Jim
WB2FCN

w7qho@... wrote:
>
> In a message dated 11/23/02 9:04:11 PM, redmenaced@... writes (in
> part):
>
> > ME-165/G STANDING WAVE-RATIO POWER METER , designed for use with T-
> > 368 400 W transmitter.....
> >
>
> Military also used these with the T-195/GRC-19. Great station accessory.
> SWR goes to pot in a hurry above 30 MHz, though.
>
> Dennis D. W7QHO
> Glendale, CA
>
> [Non-text portions of this message have been removed]
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 1530. Re: Just in case you need one:

Yahoo group: T-368_BC-610
Date: 2002-11-24 23:35:58 UTC
From: redmenaced
Topic: 1526  Message: 1530

--- In T-368_BC-610@y..., "James M. Walker" <chejmw@a...> wrote:
> Here is a heads up:
> 1) New or reconditioned units are available from time to time for
30.00.
> 2) the full manual (TM) is available for download at the ETM site
which
> is
> http://www.logsa.army.mil/etms/find_etm.cfm
> 3) the unit WAS designed to be highly accurate up to 22 Mhz ONLY.
> 4) If it is setup according to the TM and properly connected in a
system
> it is just as accurate as a Bird wattmeter.
> 5) The unit will handle 400 watts continuous, and 600 watts
> intermittently.
> FWIW
> Jim
> WB2FCN
>
>
> w7qho@a... wrote:
> >
> > In a message dated 11/23/02 9:04:11 PM, redmenaced@y... writes (in
> > part):
> >
> > > ME-165/G STANDING WAVE-RATIO POWER METER , designed for use
with T-
> > > 368 400 W transmitter........
> > >
> >
> > Military also used these with the T-195/GRC-19. Great station
accessory.
> > SWR goes to pot in a hurry above 30 MHz, though.
> >
> > Dennis D. W7QHO
> > Glendale, CA
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > Your use of Yahoo! Groups is subject to
http://docs.yahoo.com/info/terms/

# 1531. Re: Just in case you need one:

Yahoo group: T-368_BC-610
Date: 2002-11-24 23:36:32 UTC
From: redmenaced
Topic: 1526  Message: 1531

--- In T-368_BC-610@y..., "James M. Walker" <chejmw@a...> wrote:
> Here is a heads up:
> 1) New or reconditioned units are available from time to time for
30.00.
++++++++
Really? Do you have any, Jim?

Joe

# 1532. Back cover for 610

Yahoo group: T-368_BC-610
Date: 2002-11-25 16:35:29 UTC
From: chas_east
Topic: 1532  Message: 1532

Have pictures of the back cover...Anyone wanting pictures e-mail me chas_east@...

# 1533. Re: [T-368_BC-610] Re: Just in case you need one:

Yahoo group: T-368_BC-610
Date: 2002-11-26 02:34:59 UTC
From: Gene Beckwith
Topic: 1526  Message: 1533

Hi Gents,

Don't get much time these days for work on the station . . . but can report the Me165/G is an excellent pice of gear...got my first one from Fair a few years ago...new inbox...and it's connect in line with antenna line to Johnson Matchbox ... it allows plenty of time for lots of 'key down' time at 450 watts indicated...Second one came from a flea marked and is also in new condx...the second on is on my bench and in more or less regualar use for rehab and building projects...

Thought about adding a fan to it once...but seems to be doing just fine as is...

Re current price and availability ... last one I saw was at the Cleveland Hamfest this past fall...it had a few battle scars...paint was chipped here and there...but was otherwise a good looking unit. Seller was "asking" $ 65.00...Don't know if it sold...

73 es good hunting...

Gene

W8KXR

redmenaced wrote:

>--- In T-368_BC-610@y..., "James M. Walker" <chejmw@a...> wrote:
>
>>Here is a heads up:
>>1) New or reconditioned units are available from time to time for
>>
>30.00.
>++++++++
>Really? Do you have any, Jim?
>
>Joe
>
>
>
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>.
>

[Non-text portions of this message have been removed]

# 1534. Re: [T-368_BC-610] Digest Number 613

Yahoo group: T-368_BC-610
Date: 2002-11-26 14:19:40 UTC
From: Kristjan Ragnarson
Topic: 1534  Message: 1534

Got a T-368 exciter and wanting to use it to drive Viking II-CDC on the WARC bands.
Heard there is an article in Electric Radio (Number 21) on this item. I subscribe to ER
but started post-21. If anyone has Number 21, could they send me a copy of the
article or at least look it over and let me know if it's worth looking into? Naturally, will
be willing to cough up whatever copying/mailing costs might be. Better still, is there
a URL for any sites that might have old ER's online?
Pls reply to my home address of --- penguino@... ---
Tks & 73
Walt (N4GL)

>From: T-368_BC-610@yahoogroups.com
>Reply-To: T-368_BC-610@yahoogroups.com
>To: T-368_BC-610@yahoogroups.com
>Subject: [T-368_BC-610] Digest Number 613
>Date: 26 Nov 2002 08:24:31 -0000
>
>
>There are 2 messages in this issue.
>
>Topics in this digest:
>
> 1. Back cover for 610
> From: "chas_east" <chas_east@...>
> 2. Re: Re: Just in case you need one:
> From: Gene Beckwith <jtone@...>
>
>
>_____
>_____
>
>Message: 1
> Date: Mon, 25 Nov 2002 16:35:29 -0000
> From: "chas_east" <chas_east@...>
>Subject: Back cover for 610
>
>Have pictures of the back cover...Anyone wanting pictures e-mail me
>chas_east@...
>
>
>

>_____
>_____
>
>Message: 2
> Date: Mon, 25 Nov 2002 21:34:59 -0500
> From: Gene Beckwith <jtone@...>
>Subject: Re: Re: Just in case you need one:
>
>Hi Gents,
>
>Don't get much time these days for work on the station . . . but can
>report the Me165/G is an excellent pice of gear...got my first one from
>Fair a few years ago...new inbox...and it's connect in line with antenna
>line to Johnson Matchbox ... it allows plenty of time for lots of 'key
>down' time at 450 watts indicated...Second one came from a flea marked
>and is also in new condx...the second on is on my bench and in more or
>less regualar use for rehab and building projects...
>
>Thought about adding a fan to it once...but seems to be doing just fine
>as is...
>
>Re current price and availability ... last one I saw was at the
>Cleveland Hamfest this past fall...it had a few battle scars...paint was
>chipped here and there...but was otherwise a good looking unit. Seller
>was "asking" $ 65.00...Don't know if it sold...
>
>73 es good hunting...
>
>Gene
>
>W8KXR
>
>
>redmenaced wrote:
>
> >--- In T-368_BC-610@y..., "James M. Walker" <chejmw@a...> wrote:
> >
> >>Here is a heads up:
> >>1) New or reconditioned units are available from time to time for
> >>
> >30.00.
> >++++++++
> >Really? Do you have any, Jim?
> >
> >Joe
> >
> >
> >
> >
> >Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

> >
> >.
> >
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>
>[Non-text portions of this message have been removed]
>
>
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>_____
>_____
>
>
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

_____
The new MSN 8: advanced junk mail protection and 2 months FREE*
http://join.msn.com/?page=features/junkmail

# 1535. Antuna tinner on E-bay!

Yahoo group: T-368_BC-610
Date: 2002-11-28 02:29:00 UTC
From: redmenaced
Topic: 1535  Message: 1535

So you can tune a tuna tin:

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=1941829980

# 1536. Needed : 50K ohm 75 W slider

Yahoo group: T-368_BC-610
Date: 2002-11-28 06:18:39 UTC
From: Mark Foltarz
Topic: 1536  Message: 1536

Needed : 50K ohm 75 W slider for putting my Yugo's
modulator back on the air ( Globe Champion 150 )

TNX
DE KA4JVY
Mark

_____
Do you Yahoo!?
Yahoo! Mail Plus - Powerful. Affordable. Sign up now.
http://mailplus.yahoo.com

# 1537. E-Mail address change

Yahoo group: T-368_BC-610
Date: 2002-11-28 11:42:49 UTC
From: Robert L. Richmond
Topic: 1537  Message: 1537

Please note that my e-mail address be changed from "w8mnq@..." to
"w8mnq@..."

Thank you...

Bob Richmond
w8mnq

# 1538. Where is everyone?

Yahoo group: T-368_BC-610
Date: 2002-11-28 22:14:28 UTC
From: redmenaced
Topic: 1538  Message: 1538

I called CQ from 3860 to 3895 from 3:30 to 5:30 EST, only ONE come-
back! He was trying AM for the very first time.

Joe

# 1539. Re: [T-368_BC-610] Where is everyone?

Yahoo group: T-368_BC-610
Date: 2002-11-28 22:24:46 UTC
From: Jack Taylor
Topic: 1538  Message: 1539

Boy, I've heard looong CQ's before but two hours, and with such a broad signal, that must be a record!

73 de Jack

----- Original Message -----
From: "redmenaced" <redmenaced@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Thursday, November 28, 2002 3:14 PM
Subject: [T-368_BC-610] Where is everyone?

> I called CQ from 3860 to 3895 from 3:30 to 5:30 EST, only ONE come-
> back! He was trying AM for the very first time.
>
> Joe

# 1540. Re: [T-368_BC-610] Where is everyone?

Yahoo group: T-368_BC-610
Date: 2002-11-28 23:21:26 UTC
From: yardleyite@aol.com
Topic: 1538  Message: 1540

In a message dated 11/28/02 2:15:36 PM Pacific Standard Time, redmenaced@... writes: > I called CQ from 3860 to 3895 from 3:30 to 5:30 EST, only ONE come- > back! He was trying AM for the very first time. > > Joe > Joe - I just completed some major audio mods with my T368-E and would love a radio check and audio report. Can you get on 160M? I'll be on 1885KC later this evening (after I do the dishes - hi!) Best Regards de Joe Cro N3IBX Joseph Cro N3IBX Collins, Heathkit, Hallicrafters Drake, National, and General Boatanchor language spoken here: N3IBX Basement of Boatanchors (http://hometown.aol.com/yardleyite/index.html) N3IBX Boatanchor Website (http://members.aol.com/yardleyite/collect/index3.htm) N3IBX AM Studios: (http://www.geocities.com/n3ibx/N3IBX.html?1000084610680) Collins Radio Association Member # 122 AM International Member # 1280 [Non-text portions of this message have been removed]

# 1541. Smoker T-3

Yahoo group: T-368_BC-610
Date: 2002-11-29 22:26:07 UTC
From: billn2bc
Topic: 1541  Message: 1541

Got a smoker T-3 here... not me, the T-3. Thot I'd spin the beginning of a yarn for your holiday enjoyment while I relax some tired muscles.

A few days ago I thot I'd hook up the T-3 in prep for some serious gabbing this weekend. Fired it up - sorta literally. Powered up, CW, key continuous, Plate sw on but HV breaker off, listening around for it's 'spot' signal. Nuthin' Ahhh... let it run for a while, Key normal, Plate sw OFF.

About 30 minutes go buy, I hear a sizzle... Copius amounts of white smoke, first from the center top of the RF deck, then from the center top of the Mod deck. Quick shutdown, pull the mod deck out a bit, looks like the smoke is from below the mod chassis, but hard to tell.

So today, I took out the mod deck, then the RF deck, then the backbreaker deck - expecting to easily spot something torched.

WRONG. Nothing obvious. Ohmed out all the basic voltage busses, all look reasonable.

Lug the darn things back into place, cable it all up. No workie, big surprize - but no smoke either. I still can't 'hear' the exciter at all. Hmmm... the PTO VR tube ain't VRing. But I can tell that there is at least low B+ somewhere becuz the keying delay relay is working.

Enter my pal Murphy. The low B+ from the Mod deck to the RF deck wasn't making the trip. I metered the cable between the plug to the mod deck and the plug to the RF deck - OPEN. Popped off the plug cover at the RF deck end.... obvious COLD SOLDER JOINT - wire flapping in the breeze.

Got a heartbeat now (can hear PTO in RX) but..... still no workie. Good PA grid current, good IPA plate current, PA dips normally, but acts like no load. Tomorrow (after my back recovers) will yank the RF deck and eyeball the T/R relay good.

I love these things! Stay tuned for Part 2.

Hope all had a great holiday & a great weekend!

73, Bill N2BC
n2bc@...

# 1542. Re: [T-368_BC-610] Smoker T-3

Yahoo group: T-368_BC-610
Date: 2002-11-29 22:42:32 UTC
From: Joe Foley
Topic: 1541  Message: 1542

Bill,

Which wire is it that was loose?

My hunch is to check the wiring harness again, I'm thinking you found ONE of its problems. I'm thinking that if that wire went to ground it could have melted the insulation which would have made lots of schmooke.

Not many fuses to blow one these.

Which brings up an idea! Scary, isn't it?

It would give better protection to the whole unit if there were fuses near every transformer, especially the 5 volt and 26 volt transformers. It might save a very hard to find transformer! Right, Phil?

Joe

--- billn2bc <n2bc@...> wrote:
> Got a smoker T-3 here... not me, the T-3. Thot
> I'd spin the
> beginning of a yarn for your holiday enjoyment while
> I relax some
> tired muscles.
>
> A few days ago I thot I'd hook up the T-3 in prep
> for some serious
> gabbing this weekend. Fired it up - sorta
> literally. Powered up,
> CW, key continuous, Plate sw on but HV breaker off,
> listening around
> for it's 'spot' signal. Nuthin' Ahhh... let it run
> for a while,
> Key normal, Plate sw OFF.
>
> About 30 minutes go buy, I hear a sizzle... Copius
> amounts of white
> smoke, first from the center top of the RF deck,
> then from the
> center top of the Mod deck. Quick shutdown, pull
> the mod deck out a
> bit, looks like the smoke is from below the mod
> chassis, but hard to
> tell.
>

> So today, I took out the mod deck, then the RF deck,
> then the
> backbreaker deck - expecting to easily spot
> something torched.
>
> WRONG. Nothing obvious. Ohmed out all the basic
> voltage busses, all
> look reasonable.
>
> Lug the darn things back into place, cable it all
> up. No workie,
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> 'hear' the
> exciter at all. Hmmm... the PTO VR tube ain't VRing.
> But I can tell
> that there is at least low B+ somewhere becuz the
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> is working.
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> Enter my pal Murphy. The low B+ from the Mod deck
> to the RF deck
> wasn't making the trip. I metered the cable between
> the plug to the
> mod deck and the plug to the RF deck - OPEN. Popped
> off the plug
> cover at the RF deck end.... obvious COLD SOLDER
> JOINT - wire
> flapping in the breeze.
>
> Got a heartbeat now (can hear PTO in RX) but.....
> still no workie.
> Good PA grid current, good IPA plate current, PA
> dips normally, but
> acts like no load. Tomorrow (after my back
> recovers) will yank the
> RF deck and eyeball the T/R relay good.
>
> I love these things! Stay tuned for Part 2.
>
> Hope all had a great holiday & a great weekend!
>
> 73, Bill N2BC
> n2bc@...
>
>

---
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# 1543. Re: [T-368_BC-610] Smoker T-3

Yahoo group: T-368_BC-610
Date: 2002-11-29 22:42:47 UTC
From: Joe Foley
Topic: 1541  Message: 1543

Bill,

Which wire is it that was loose?

My hunch is to check the wiring harness again, I'm thinking you found ONE of its problems. I'm thinking that if that wire went to ground it could have melted the insulation which would have made lots of schmooke.

Not many fuses to blow one these.

Which brings up an idea! Scary, isn't it?

It would give better protection to the whole unit if there were fuses near every transformer, especially the 5 volt and 26 volt transformers. It might save a very hard to find transformer! Whatcha tink, Phil?

Joe

--- billn2bc <n2bc@...> wrote:
> Got a smoker T-3 here... not me, the T-3. Thot
> I'd spin the
> beginning of a yarn for your holiday enjoyment while
> I relax some
> tired muscles.
>
> A few days ago I thot I'd hook up the T-3 in prep
> for some serious
> gabbing this weekend. Fired it up - sorta
> literally. Powered up,
> CW, key continuous, Plate sw on but HV breaker off,
> listening around
> for it's 'spot' signal. Nuthin' Ahhh... let it run
> for a while,
> Key normal, Plate sw OFF.
>
> About 30 minutes go buy, I hear a sizzle... Copius
> amounts of white
> smoke, first from the center top of the RF deck,
> then from the
> center top of the Mod deck. Quick shutdown, pull
> the mod deck out a
> bit, looks like the smoke is from below the mod
> chassis, but hard to
> tell.
>

> So today, I took out the mod deck, then the RF deck,
> then the
> backbreaker deck - expecting to easily spot
> something torched.
>
> WRONG. Nothing obvious. Ohmed out all the basic
> voltage busses, all
> look reasonable.
>
> Lug the darn things back into place, cable it all
> up. No workie,
> big surprize - but no smoke either. I still can't
> 'hear' the
> exciter at all. Hmmm... the PTO VR tube ain't VRing.
> But I can tell
> that there is at least low B+ somewhere becuz the
> keying delay relay
> is working.
>
> Enter my pal Murphy. The low B+ from the Mod deck
> to the RF deck
> wasn't making the trip. I metered the cable between
> the plug to the
> mod deck and the plug to the RF deck - OPEN. Popped
> off the plug
> cover at the RF deck end.... obvious COLD SOLDER
> JOINT - wire
> flapping in the breeze.
>
> Got a heartbeat now (can hear PTO in RX) but.....
> still no workie.
> Good PA grid current, good IPA plate current, PA
> dips normally, but
> acts like no load. Tomorrow (after my back
> recovers) will yank the
> RF deck and eyeball the T/R relay good.
>
> I love these things! Stay tuned for Part 2.
>
> Hope all had a great holiday & a great weekend!
>
> 73, Bill N2BC
> n2bc@...
>
>

---
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http://mailplus.yahoo.com

# 1544. Re: [T-368_BC-610] Smoker T-3

Yahoo group: T-368_BC-610
Date: 2002-11-30 00:48:09 UTC
From: yardleyite@aol.com
Topic: 1541  Message: 1544

In a message dated 11/29/02 2:43:30 PM Pacific Standard Time, redmenaced@... writes: > It would give better protection to the whole unit if > there were fuses near every transformer, especially > the 5 volt and 26 volt transformers. It might save a > very hard to find transformer! Right, Phil? > > Joe > > Joe, When I first brought my T3 home one of the first things to go was T1 - the PA filament and control voltages transformer. It consists of multiple taps for 5V and 26.4V etc. I was very lucky to be able to obtain one from a fellow military collector. I did however extensively document the wiring of it in a series of photographs and would be glad to pass them along to you if you need to replace your T-1 (hopefully this isn't the case though). The photos made replacing mine a lot easier and eliminated any guesswork. If you need them let me know. I'm currently in process of "de-yhellifying" the speech amp of my E variant. Regards de Joe N3IBX Joseph Cro N3IBX Collins, Heathkit, Hallicrafters Drake, National, and General Boatanchor language spoken here: N3IBX Basement of Boatanchors (http://hometown.aol.com/yardleyite/index.html) N3IBX Boatanchor Website (http://members.aol.com/yardleyite/collect/index3.htm) N3IBX AM Studios: (http://www.geocities.com/n3ibx/N3IBX.html?1000084610680) Collins Radio Association Member # 122 AM International Member # 1280 [Non-text portions of this message have been removed]

# 1545. Re: [T-368_BC-610] Smoker T-3

Yahoo group: T-368_BC-610
Date: 2002-11-30 02:16:26 UTC
From: Gene Beckwith
Topic: 1541  Message: 1545

Bill,

Sad story and enough to make one paranoid...Yikes! Have my "160 meter" T-3 almost ready to go...will do 450 Watts into the dummy...working on scope to put in line...this rig has not been on the air in about three years...so ur making me nervous! Grin...

Looking forward to the solution to ur p roblem...btw...when I fired this one the first time...it didn't go, even though it was working prior to bringing it home from Pittsburgh . . .It worked fine there on a dummy load...found one bad tube in the PTO...so no drive and no spotting sig...

It was a simple solution...well soon be on 1885 if patch cords to the 160 tuner and the scope come together in the next few days...160 was really quiet tonight on the ssb net the meets at 2400Z . . .

More later and good luck,

73,

Gene
W8KXR

Clinton, Ohio

billn2bc wrote:

>Got a smoker T-3 here... not me, the T-3. Thot I'd spin the
>beginning of a yarn for your holiday enjoyment while I relax some
>tired muscles.
>
>A few days ago I thot I'd hook up the T-3 in prep for some serious
>gabbing this weekend. Fired it up - sorta literally. Powered up,
>CW, key continuous, Plate sw on but HV breaker off, listening around
>for it's 'spot' signal. Nuthin' Ahhh... let it run for a while,
>Key normal, Plate sw OFF.
>
>About 30 minutes go buy, I hear a sizzle... Copius amounts of white
>smoke, first from the center top of the RF deck, then from the
>center top of the Mod deck. Quick shutdown, pull the mod deck out a
>bit, looks like the smoke is from below the mod chassis, but hard to
>tell.
>
>So today, I took out the mod deck, then the RF deck, then the
>backbreaker deck - expecting to easily spot something torched.
>
>WRONG. Nothing obvious. Ohmed out all the basic voltage busses, all

>look reasonable.
>
>Lug the darn things back into place, cable it all up. No workie,
>big surprize - but no smoke either. I still can't 'hear' the
>exciter at all. Hmmm... the PTO VR tube ain't VRing. But I can tell
>that there is at least low B+ somewhere becuz the keying delay relay
>is working.
>
>Enter my pal Murphy. The low B+ from the Mod deck to the RF deck
>wasn't making the trip. I metered the cable between the plug to the
>mod deck and the plug to the RF deck - OPEN. Popped off the plug
>cover at the RF deck end.... obvious COLD SOLDER JOINT - wire
>flapping in the breeze.
>
>Got a heartbeat now (can hear PTO in RX) but..... still no workie.
>Good PA grid current, good IPA plate current, PA dips normally, but
>acts like no load. Tomorrow (after my back recovers) will yank the
>RF deck and eyeball the T/R relay good.
>
>I love these things! Stay tuned for Part 2.
>
>Hope all had a great holiday & a great weekend!
>
>73, Bill N2BC
>n2bc@...
>
>
>
>
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>.
>

# 1546. Smoker T-3 More

Yahoo group: T-368_BC-610
Date: 2002-11-30 03:29:19 UTC
From: billn2bc
Topic: 1546  Message: 1546

Joe wonders which wire... The low B+ (400V or so) that runs on pin 6 from P2 (Mod deck) to P1 (RF deck). Cold joint inside the P1 connector housing.

There was no evidence at all that the loose wire was the source of my smoke. Plus I noticed the PTO was dead PRIOR to the sizzle-n-smoke. Purely my buddy Murphy tossing multiple bugs at once.

I went over all three decks looking & feeling for charring. Also gave the wiring harness the once-over with a white cloth. Nuthin!

I'm sure the smoke-bug will be back. Probably with a bang & then I'll be able to fix it.

Remaining bug (#3) I'm pretty sure is T/R relay or RF out connection and unrelated to the vaporizing-whatever-it-is. Remember the sizzle event happened WITHOUT PA high voltage - that's why I suspected something on the low B+ line.

These are the fun bugs!

Hope to report more Sunday - promised the 'boss' to do some non-fun things tomorrow!

73, Bill

n2bc@...

# 1547. Re: [T-368_BC-610] Smoker T-3

Yahoo group: T-368_BC-610
Date: 2002-11-30 03:55:11 UTC
From: Joe Foley
Topic: 1541  Message: 1547

Ah!

Something I just read in a book I just received,
"Handbook of Test Methods and Practices" NAVSHIPS
91828 ca. 1955:

Ventilation and dust conditions present a greater
problem in transmitters than they do in receivers,
principally because there is more heat to be
dissipated. (Two blowers, ya know!) Because dust forms
a film which absorbs moisture, the insualtion
resistance is lowered to a point at which flash-over
can occur. Therefore, cleaning periods must be
initiated and regularly followed. These periods will
vary for different locations. Insulators must be
wiped, corroded metal parts cleaned, and arc-overs
repaired. It is possible to detect poor contacts by
inspecting for evidences of local overheating (or
arcing). Such contacts must be thoroughly cleaned and
tightened. Likewise, it is important that the antenna
connections be regularly inspected and cleaned.

This is a REAL good book!!

Joe

--- Gene Beckwith <jtone@...> wrote:
> Bill,
>
> Sad story and enough to make one paranoid...Yikes!
> Have my "160 meter"
> T-3 almost ready to go...will do 450 Watts into the
> dummy...working on
> scope to put in line...this rig has not been on the
> air in about three
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>
> Looking forward to the solution to ur p
> roblem...btw...when I fired this
> one the first time...it didn't go, even though it
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> bringing it home from Pittsburgh . . .It worked fine
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> load...found one bad tube in the PTO...so no drive
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> It was a simple solution...well soon be on 1885 if
> patch cords to the
> 160 tuner and the scope come together in the next
> few days...160 was
> really quiet tonight on the ssb net the meets at
> 2400Z . . .
>
>
> More later and good luck,
>
> 73,
>
> Gene
> W8KXR
>
> Clinton, Ohio
>
>
>
> billn2bc wrote:
>
> >Got a smoker T-3 here... not me, the T-3. Thot
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> while I relax some
> >tired muscles.
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> something torched.
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> >WRONG. Nothing obvious. Ohmed out all the basic
> voltage busses, all
> >look reasonable.
> >
> >Lug the darn things back into place, cable it all
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> JOINT - wire
> >flapping in the breeze.
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> >Good PA grid current, good IPA plate current, PA
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> >RF deck and eyeball the T/R relay good.
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> >I love these things! Stay tuned for Part 2.
> >
> >Hope all had a great holiday & a great weekend!
> >
> >73, Bill N2BC
> >n2bc@...
> >
> >
> >
> >
> >
> >Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
> >
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> >.

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>

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# 1548. Re: [T-368_BC-610] Smoker T-3

Yahoo group: T-368_BC-610
Date: 2002-11-30 18:03:14 UTC
From: Joe Foley
Topic: 1541  Message: 1548

NOt really,

The REAL reason to be very detailed while cleaning is to check EVERY item you touch. You do a very careful visual inspection while you're cleaning it. Your nose will tell you a few things, too.

Check the insulation on ALL HV wires, every inch!

Check every resistor, for smoke marks and proper value.

Check every capacitor for leakeage, physical and electrical.

Check EVERY low voltage wire for good insulation and heat damage, especially near the interlocks on the T-368 because problems hide there. Do the resistance checks for the harness.

Check the transformers, chokes, and big capacitors for heat damage, leakeage, and tight connections.

Check ALL plugs and connectors for good connections, solid pins, tight sockets, chafed or shorted wiring, and tight screws. Again, on the T-368, loose screws or connector mountings in some places can cause ultra-sonic modulation!

Check ALL grounding points, tube sockets, transformer mountings, capacitor mounting screws, etc. See above.

Clean, clean, clean every ceramic HV insulator, check them all for cracks, carbon tracking, and tight mountings. Clean the HV wiring.

Check for undocumented modifications or "creative" wiring.

If this is an unknown unit, you just bought it, or are starting it up after long storage you may want to establish a baseline of resistance and voltage checks compared to the values listed in the manual. This will give you something to refer to after you've run it for months or years, it will also show any problems at the present time. Some of those values may be within spec now but may vary to the point of failure later, this will give you something to check against

for YOUR PARTICULAR unit later. It will make
troubleshooting MUCH easier!

If it moves, lube it!

Take a LOT of time cleaning!

But that's just my opinion.

Joe

--- Mike Hardie <mikehardie@...> wrote:
> Joe,
> Do you know an "easy" way to get rid of about 30
> years of dust and grime.
> ('610 that's been sitting, waiting for it's turn.)
> 73,
> Mike VE7MMH
>
>
> ----- Original Message -----
> From: "Joe Foley" <redmenaced@...>
> To: <t-368_bc-610@yahoogroups.com>
> Sent: Friday, November 29, 2002 7:55 PM
> Subject: Re: [T-368_BC-610] Smoker T-3
>
>
> > Ah!
> >
> > Something I just read in a book I just received,
> > "Handbook of Test Methods and Practices" NAVSHIPS
> > 91828 ca. 1955:
> >
> > Ventilation and dust conditions present a greater
> > problem in transmitters than they do in receivers,
> > principally because there is more heat to be
> > dissipated. (Two blowers, ya know!) Because dust
> forms
> > a film which absorbs moisture, the insualtion
> > resistance is lowered to a point at which
> flash-over
> > can occur. Therefore, cleaning periods must be
> > initiated and regularly followed. These periods
> will
> > vary for different locations. Insulators must be
> > wiped, corroded metal parts cleaned, and arc-overs
> > repaired. It is possible to detect poor contacts
> by
> > inspecting for evidences of local overheating (or
> > arcing). Such contacts must be thoroughly cleaned
> and

> > tightened. Likewise, it is important that the
> antenna
> > connections be regularly inspected and cleaned.
> >
> > This is a REAL good book!!
> >
> > Joe
> >
> >
> >
> >
> > --- Gene Beckwith <jtone@...> wrote:
> > > Bill,
> > >
> > > Sad story and enough to make one
> paranoid...Yikes!
> > > Have my "160 meter"
> > > T-3 almost ready to go...will do 450 Watts into
> the
> > > dummy...working on
> > > scope to put in line...this rig has not been on
> the
> > > air in about three
> > > years...so ur making me nervous! Grin...
> > >
> > > Looking forward to the solution to ur p
> > > roblem...btw...when I fired this
> > > one the first time...it didn't go, even though
> it
> > > was working prior to
> > > bringing it home from Pittsburgh . . .It worked
> fine
> > > there on a dummy
> > > load...found one bad tube in the PTO...so no
> drive
> > > and no spotting sig...
> > >
> > > It was a simple solution...well soon be on 1885
> if
> > > patch cords to the
> > > 160 tuner and the scope come together in the
> next
> > > few days...160 was
> > > really quiet tonight on the ssb net the meets at
> > > 2400Z . . .
> > >
> > >
> > > More later and good luck,
> > >
> > > 73,

> > >
> > > Gene
> > > W8KXR
> > >
> > > Clinton, Ohio
> > >
> > >
> > >
> > > billn2bc wrote:
> > >
> > > >Got a smoker T-3 here... not me, the T-3.
> Thot
> > > I'd spin the
> > > >beginning of a yarn for your holiday enjoyment
> > > while I relax some
> > > >tired muscles.
> > > >
> > > >A few days ago I thot I'd hook up the T-3 in
> prep
> > > for some serious
> > > >gabbing this weekend. Fired it up - sorta
> > > literally. Powered up,
> > > >CW, key continuous, Plate sw on but HV breaker
> off,
> > > listening around
> > > >for it's 'spot' signal. Nuthin' Ahhh... let
> it
> > > run for a while,
> > > >Key normal, Plate sw OFF.
> > > >
> > > >About 30 minutes go buy, I hear a sizzle...
> Copius
> > > amounts of white
> > > >smoke, first from the center top of the RF
> deck,
> > > then from the
> > > >center top of the Mod deck. Quick shutdown,
> pull
> > > the mod deck out a
> > > >bit, looks like the smoke is from below the mod
> > > chassis, but hard to
> > > >tell.
> > > >
> > > >So today, I took out the mod deck, then the RF
> > > deck, then the
> > > >backbreaker deck - expecting to easily spot
> > > something torched.
> > > >
> > > >WRONG. Nothing obvious. Ohmed out all the
> basic

> > > voltage busses, all
> > > >look reasonable.
> > > >
> > > >Lug the darn things back into place, cable it
> all
> > > up. No workie,
> > > >big surprize - but no smoke either. I still
> can't
> > > 'hear' the
> > > >exciter at all. Hmmm... the PTO VR tube ain't
> > > VRing. But I can tell
> > > >that there is at least low B+ somewhere becuz
> the
> > > keying delay relay
> > > >is working.
> > > >
> > > >Enter my pal Murphy. The low B+ from the Mod
> deck
> > > to the RF deck
> > > >wasn't making the trip. I metered the cable
> between
> > > the plug to the
> > > >mod deck and the plug to the RF deck - OPEN.
> Popped
> > > off the plug
> > > >cover at the RF deck end.... obvious COLD
> SOLDER
> > > JOINT - wire
> > > >flapping in the breeze.
> > > >
> > > >Got a heartbeat now (can hear PTO in RX)
> but.....
> > > still no workie.
> > > >Good PA grid current, good IPA plate current,
> PA
> > > dips normally, but
> > > >acts like no load. Tomorrow (after my back
> > > recovers) will yank the
> > > >RF deck and eyeball the T/R relay good.
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> > > >I love these things! Stay tuned for Part 2.
> > > >
> > > >Hope all had a great holiday & a great weekend!
> > > >
> > > >73, Bill N2BC
> > > >n2bc@...
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> > > >

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=== message truncated ===

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# 1549. Re: [T-368_BC-610] Smoker T-3

Yahoo group: T-368_BC-610
Date: 2002-12-01 03:35:28 UTC
From: Gene Beckwith
Topic: 1541  Message: 1549

Joe,

Thanks for the info...yes...!! Cleaning is all important and if one is not a believer...I just leaned the lesson again...getting the T-3 ready to fly and was making antenna connections for receiver from the coax connectors on the side of the "T" Well, no sig at the receiver on 160...to shorton the story...seems the coax (So-239) has been changed out from the usual 'N' type connector...and the at the present SO-239 has either a worn or corroded center pin...used a bit of DeOx plus Q-tip and a tiny screw driver to reduce the diameter of the connectory...cleaning and tuning....subtle by one must check everything...or it won't work...

Not sure how big a job it is to change that SO-239, but the cleaning and adjustiing approach seems the best way to start before tearing thiings apart...

Glad to be making progress again...now for a bit of calibration on the NC-300 that will be the, for now, dedicated rcvr...will eventually use R-392....but haven't built the power supply yet...

More Later and 73,

Gene
W8KXR

btw...some place in the stacks of stuff here at the "Big KXR" . . . seems I have that book, or have seen it....it's very good....

agn,

Gene

Joe Foley wrote:

>Ah!
>
>Something I just read in a book I just received,
>"Handbook of Test Methods and Practices" NAVSHIPS
>91828 ca. 1955:
>
>Ventilation and dust conditions present a greater
>problem in transmitters than they do in receivers,
>principally because there is more heat to be
>dissipated. (Two blowers, ya know!) Because dust forms
>a film which absorbs moisture, the insualtion
>resistance is lowered to a point at which flash-over

>can occur. Therefore, cleaning periods must be
>initiated and regularly followed. These periods will
>vary for different locations. Insulators must be
>wiped, corroded metal parts cleaned, and arc-overs
>repaired. It is possible to detect poor contacts by
>inspecting for evidences of local overheating (or
>arcing). Such contacts must be thoroughly cleaned and
>tightened. Likewise, it is important that the antenna
>connections be regularly inspected and cleaned.
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>This is a REAL good book!!
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>Joe
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>--- Gene Beckwith <jtone@...> wrote:
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>>Bill,
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>>Sad story and enough to make one paranoid...Yikes!
>>Have my "160 meter"
>>T-3 almost ready to go...will do 450 Watts into the
>>dummy...working on
>>scope to put in line...this rig has not been on the
>>air in about three
>>years...so ur making me nervous! Grin...
>>
>>Looking forward to the solution to ur p
>>roblem...btw...when I fired this
>>one the first time...it didn't go, even though it
>>was working prior to
>>bringing it home from Pittsburgh . . .It worked fine
>>there on a dummy
>>load...found one bad tube in the PTO...so no drive
>>and no spotting sig...
>>
>>It was a simple solution...well soon be on 1885 if
>>patch cords to the
>>160 tuner and the scope come together in the next
>>few days...160 was
>>really quiet tonight on the ssb net the meets at
>>2400Z . . .
>>
>>
>>More later and good luck,
>>
>>73,
>>

>>Gene
>>W8KXR
>>
>>Clinton, Ohio
>>
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>>
>>billn2bc wrote:
>>
>>>Got a smoker T-3 here... not me, the T-3. Thot
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>>I'd spin the
>>
>>>beginning of a yarn for your holiday enjoyment
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>>while I relax some
>>
>>>tired muscles.
>>>
>>>A few days ago I thot I'd hook up the T-3 in prep
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>>for some serious
>>
>>>gabbing this weekend. Fired it up - sorta
>>>
>>literally. Powered up,
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>>>CW, key continuous, Plate sw on but HV breaker off,
>>>
>>listening around
>>
>>>for it's 'spot' signal. Nuthin' Ahhh... let it
>>>
>>run for a while,
>>
>>>Key normal, Plate sw OFF.
>>>
>>>About 30 minutes go buy, I hear a sizzle... Copius
>>>
>>amounts of white
>>
>>>smoke, first from the center top of the RF deck,
>>>
>>then from the
>>
>>>center top of the Mod deck. Quick shutdown, pull
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>>>bit, looks like the smoke is from below the mod

>>>
>>chassis, but hard to
>>
>>>tell.
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>>>So today, I took out the mod deck, then the RF
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>>deck, then the
>>
>>>backbreaker deck - expecting to easily spot
>>>
>>something torched.
>>
>>>WRONG. Nothing obvious. Ohmed out all the basic
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>>voltage busses, all
>>
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>>>Lug the darn things back into place, cable it all
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>>up. No workie,
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>>>that there is at least low B+ somewhere becuz the
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>>keying delay relay
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>>>is working.
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>>>Enter my pal Murphy. The low B+ from the Mod deck
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>>to the RF deck
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>>the plug to the
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>>>mod deck and the plug to the RF deck - OPEN. Popped
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>>off the plug
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>>>cover at the RF deck end.... obvious COLD SOLDER

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>>>flapping in the breeze.
>>>
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>>>Good PA grid current, good IPA plate current, PA
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>>dips normally, but
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>>recovers) will yank the
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>>>RF deck and eyeball the T/R relay good.
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>>>I love these things! Stay tuned for Part 2.
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>>>Hope all had a great holiday & a great weekend!
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>>>73, Bill N2BC
>>>n2bc@...
>>>
>>>
>>>
>>>
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>_____
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>

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[Non-text portions of this message have been removed]

# 1550. For testing older equipment:

Yahoo group: T-368_BC-610
Date: 2002-12-02 00:19:57 UTC
From: redmenaced
Topic: 1550  Message: 1550

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=1941317327

# 1551. Smoker T-3, More Murphy

Yahoo group: T-368_BC-610
Date: 2002-12-04 01:03:32 UTC
From: billn2bc
Topic: 1551  Message: 1551

This may be the last installment unless something else croaks before I hook up an antenna.

In the last chapter I was working on an apparent no/low output problem. This happened after the T-3 emitted a large amount of smoke, followed by an open 400VDC feed to the RF deck. See my earlier posts for the fine points.

OK, lets look at the RF output problem... I have been waiting for the right occasion to try a (supposed) brand new 4-400 I had. What better time than now?

I open the (supposed) factory sealed box, exposing the 4-400 to sunlight (supposedly) for the first time since 1987. Plug it in, gingerly install the RF deck. Power up, tweak the filament volts, and let it sit for an hour. So far so good.

You may note a tiny bit of sarcasm regarding the (supposed) brand new tube.

HV on, things looking good! For about 15 seconds. Oops, filament voltage shoots up to 6V, wow! P-P-O. (That's a Panic Power Off).

I wonder what this could be? I have a funny feeling about the (supposed) brand new tube. Yep, open filament. Grumble (supposed) grumble.

Re-install the old 4-400. Guess what... full power, everything tuning normally. But, but, It's too quiet.... P-P-O again.

PA blower not blowing - sigh. Damn, new bearings must be gold plated they sure were expensive!

Re-assemble, re-test. Hmmm... drawing over 200mA with the key UP. Howcome my clamp tube ain't clamping? Could it be the plate cap of the 5933 is not supossed to be flapping in the breeze letting all that air in thru the big hole in the top of the tube?

Install (supposed) new 5933. Oh, I'm getting pretty quick at hauling out & re-installing the RF deck.

OK, it's working now (supposedly).

Remember the smoke?? I still have NOT found the source. The other un-solved issue is the low output power. I did clean and re-tension the RF output connector but it looked OK.

So, my buddy Murphy has cost me a 4-400, a 5933, and a couple of solid gold bearings. Not to mention the original problem is still there.

I suspect this T-368 was NOT manufactured by B&W, but by one of the auto manufacturers. You mentally insert your least favorite auto maker I don't want to start something off topic.

The shack is a shambles. Need to clean it up and make up some more coax. The T-3 needs an antenna.

I hope this has been a bit entertaining. It certainly has been fun digging inside the T-3 (supposedly).

73 all, Bill N2BC

Sniff.... sniff.... Oops... Is that the smoke alarm?

# 1552. BC-610 Modulation Problem ??

Yahoo group: T-368_BC-610
Date: 2002-12-04 01:38:14 UTC
From: Tom Siglin
Topic: 1552  Message: 1552

Hi Fellow BC-610'ites,

I sampled the RF envelope of my rig (very light capacitor coupling) at various modulator current settings and did NOT like what I saw. It looked distorted after ~50% modulation depth. (The RF output was ~325 Watts modulated with a clean 1KHz tone)

While it doesn't sound real bad when monitoring it locally, I thought an opinion from the group would be useful.

Four pics at: http://www.geocities.com/tsiglin/ in 50 Ma current intervals.....(didn't bother showing the idling current, no modulation pic)

Tnx, Tom - WA2LTD

=====
Phone (607) 785-7085h, 798-7115w, 760-9699c

WA2LTD / 108 Clark St. / Vestal, NY 13790
www.SIGTOMICS.com

PMI / 150 Ackley Ave. / Johnson City, NY 13790
www.PHOTOMICROGRAPHICS.com

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# 1553. Re: [T-368_BC-610] BC-610 Modulation Problem ??

Yahoo group: T-368_BC-610
Date: 2002-12-04 03:25:59 UTC
From: w7qho@aol.com
Topic: 1552  Message: 1553

Tom,

Looks to me like you're clipping early in the speech amplifier chain. The squared off peaks then get "canted" further along in the chain due to phase shifts giving the distorted shape seen in your scope photos. This phenomenon is covered in the early handbooks (Radio Handbook, 11th edition for ex.) Recommend a stage-by-stage scope check down through your audio chain to localize the problem.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 1554. Re: [T-368_BC-610] BC-610 Modulation Problem ??

Yahoo group: T-368_BC-610
Date: 2002-12-04 15:19:26 UTC
From: James M. Walker
Topic: 1552  Message: 1554

The 250 MA picture indicates that there is a problem between the Microphone
and the grids of the 2A3 drivers
to the 100TH modulators. I had a similar problem when I
discovered the input (line to P-P grids) was unbalanced.
One side of the transformer was reading shorted to center
tap and the other was (correctly) reading about 1100 ohms.
Check the circuit diagram and look at your waveform into
the 2A3 grids.

Jim
WB2FCN
http://eshop1.chem.buffalo.edu

----- Original Message -----
From: "Tom Siglin" <wa2ltd@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Tuesday, December 03, 2002 8:38 PM
Subject: [T-368_BC-610] BC-610 Modulation Problem ??

> Hi Fellow BC-610'ites,
>
> I sampled the RF envelope of my rig (very light
> capacitor coupling) at various modulator current
> settings and did NOT like what I saw. It looked
> distorted after ~50% modulation depth. (The RF output
> was ~325 Watts modulated with a clean 1KHz tone)
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> While it doesn't sound real bad when monitoring it
> locally, I thought an opinion from the group would be
> useful.
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> Four pics at: http://www.geocities.com/tsiglin/ in
> 50 Ma current intervals.....(didn't bother showing the
> idling current, no modulation pic)
>
> Tnx, Tom - WA2LTD
>
> =====
> Phone (6O7) 785-7085h, 798-7115w, 760-9699c
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> WA2LTD / 108 Clark St. / Vestal, NY 13790
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>
>
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>
>
>

# 1555. W1UJR's T-368 site back up!

Yahoo group: T-368_BC-610
Date: 2002-12-05 02:57:49 UTC
From: redmenaced
Topic: 1555  Message: 1555

http://home.maine.rr.com/bhowes/t368.htm

# 1556. 3rd Annual Heavy Metal Rally!!

Yahoo group: T-368_BC-610
Date: 2002-12-05 03:23:17 UTC
From: redmenaced
Topic: 1556  Message: 1556

Notice!!

There are 157 subscribers to this list, most have transmitters in this catagory and are capable of making these contacts.

Lets have a HUGE showing!

C'mon Gene, no more lame excuses!

Todd, listen in, get that RF deck out, maybe it will respond,.... in some way. We did find a Mod deck in Wyoming free-for-pickup last weekend during the AMI event!

KA3OTT? Be there!

N2BC? This is a NO smoking contest!

W3NP? Isn't the Meissenheimer over 250 Lbs?

K1KHP? Put some more coal in the generator!

W2ZR? I haven't EVER heard you on the air!

K2VH? Is that "Vell Heard"?

W2PFY, has a BC-610 at the cabin! Bring fuel for the genset!

N3IBX, is that thing gonna be ready?

WB6ACU! Who is that? His call sign is on this list, I've never heard him!

Joe KG2CI

Posted by KD0HG on December 04, 19102 at 10:46:06:

The 3rd Annual Heavy Metal Rally will commence the evening of Saturday, December 28th and the party continues all night.

Everyone is encouraged to participate, but the goal is to have as many AM Tall Ships participate. Bring your broadcast iron, military, homebrew, T-368s and KW1s to the party!

This year's rules are: You get one base point per QSO. One additional point if the station you work is running a rig weighing at least 250 pounds. One additional point for rigs with a minimum carrier power output of 250 watts. One point for each different state. One point for each different type of transmitter.

So if you work someone running an RCA BTA-1 1KW broadcast rig, that's three points right off the bat, one for making the contact, two more for 250 pounds AND 250 watts; add a point for states and different rigs as appropriate.

Suggested operating frequencies are:
1885 KC Eastern USA, 1900 KC Western USA,
3870-3890 KC on 75 meters.
7290 KC on 40 meters.

Contest logs should be mailed to my home c/o QRZ address or sent to me by email. heavymetalrally@...

ER will be issuing certificates to all participants returning logs.

Like last year, a trophy will be offered to the Tall Ship AM station that shows up in the most returned contest logs. To qualify, the trophy winner MUST be running a transmitter that qualifies as 250 watts and/or 250 pounds.

The ER Magazine website will have details on all upcoming operating events.

73

-Bill

# 1557. Re: [T-368_BC-610] 3rd Annual Heavy Metal Rally!!

Yahoo group: T-368_BC-610
Date: 2002-12-05 04:53:57 UTC
From: Gene Beckwith
Topic: 1556  Message: 1557

Hi Gang,

Yikes!!!! The pressure is on...my T-3 is a bit timid, but is up on the dummy load at a toasty 425 watts into the ME-165...now if the receiver will work...found a bad tube, and 160 meter calibration so far off it was out of range of the dial adjuster on the NC-300 . . . not good... glad it only weighs about 50 or 60 lbs...gotta get it up side down to get at the trimmers...

Whew! One glitch after another here at the BIG KXR....but in the ture spirit of "Boat Anchors or Bust"...were burin' the Midnight Oil, errrr solder....in a mad sprint to the 28Th...one more relay hook up for some audio muting and ...now where in the heck is that SB-610 for checkin' out the mod pattern....?

Ok Joe, this is war...on to the the 28th with 600 lbs and about 400 plus watts. . . Now where in the heck are my PL-259's for the patch panel jumper...#$#$#@ . . .

73 es keep havin' fun...

Gene

W8KXR
.

redmenaced wrote:

>Notice!!
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>K2VH? Is that "Vell Heard"?
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>W2PFY, has a BC-610 at the cabin! Bring fuel for the genset!
>
>N3IBX, is that thing gonna be ready?
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>WB6ACU! Who is that? His call sign is on this list, I've never
>heard him!
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>Joe KG2CI
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>
>
>Posted by KD0HG on December 04, 19102 at 10:46:06:
>
>The 3rd Annual Heavy Metal Rally will commence the evening of
>Saturday, December 28th and the party continues all night.
>
>Everyone is encouraged to participate, but the goal is to have as
>many AM Tall Ships participate. Bring your broadcast iron, military,
>homebrew, T-368s and KW1s to the party!
>
>This year's rules are: You get one base point per QSO. One additional
>point if the station you work is running a rig weighing at least 250
>pounds. One additional point for rigs with a minimum carrier power
>output of 250 watts. One point for each different state. One point
>for each different type of transmitter.
>
>So if you work someone running an RCA BTA-1 1KW broadcast rig, that's
>three points right off the bat, one for making the contact, two more
>for 250 pounds AND 250 watts; add a point for states and different
>rigs as appropriate.
>
>Suggested operating frequencies are:
>1885 KC Eastern USA, 1900 KC Western USA,
>3870-3890 KC on 75 meters.
>7290 KC on 40 meters.
>
>Contest logs should be mailed to my home c/o QRZ address or sent to
>me by email. heavymetalrally@...
>
>ER will be issuing certificates to all participants returning logs.
>
>Like last year, a trophy will be offered to the Tall Ship AM station

>that shows up in the most returned contest logs. To qualify, the
>trophy winner MUST be running a transmitter that qualifies as 250
>watts and/or 250 pounds.
>
>The ER Magazine website will have details on all upcoming operating
>events.
>
>73
>
>-Bill
>
>
>
>
>
>
>
>
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>.
>

# 1558. 3rd Annual Heavy Metal Rally:

Yahoo group: T-368_BC-610
Date: 2002-12-05 14:40:35 UTC
From: yardleyite@aol.com
Topic: 1558  Message: 1558

Joe, I finally have the T3 up and running but I've had other issues to deal with. Hum in my audio, and not enough audio drive. Just about everyone told me it was because a crystal mike element (D104) doesn't have the +DBM response that a carbonium mike has with 13 volts applied to it has. Anyway, I worked on the mike and speech amp circut for two hours on Monday night, and over three hours on Tuesday night trying different ground/shield conflagurations but each one proved to be futile. I was really questioning my technical expertise or severe lack thereof! What's going on here? I can't even wire up a mike to my T3? Frig Me! I finally found the problem. The D-ten-four I was using had a defective preamplifier. Go figure. I was royally pissed off and decided to try another one for the helluva it. Guess what? No hum, munky swing out the wazoo, and the mods I did to the speech amp actually made a difference. It's not broadcast quailty, but probably almost as good as my modified DX-100B or Valiant II if not better. There is audio intelligence below 300CPS, and above 5000CPS for a change. At least it's airworthy. I hosted the East Coast portion of the CCA AM night yesterday (8PM on 3880) and I actually got a few unsoicited compliments about the audio, signal strength, and NO HUMMMMM! It's no way perfect but at least it's a start. All I did was bypass the audio filters and fatten up the audio bypass caps, remove the speech clipper, and added a 10 meg resistor to the carbon mike input of the speech amp for the D-ten-four. Hope to make the event. Unfortunately 12/28 is my wife's Birthday and we have plans. Maybe after she falls asleep I can sneak down to the basement shack and join in the activities. Best Regards, Joe Cro N3IBX Joseph Cro N3IBX Collins, Heathkit, Hallicrafters Drake, National, and General Boatanchor language spoken here: N3IBX Basement of Boatanchors (http://hometown.aol.com/yardleyite/index.html) N3IBX Boatanchor Website (http://members.aol.com/yardleyite/collect/index3.htm) N3IBX AM Studios: (http://www.geocities.com/n3ibx/N3IBX.html?1000084610680) Collins Radio Association Member # 122 AM International Member # 1280 [Non-text portions of this message have been removed]

# 1559. Re: [T-368_BC-610] 3rd Annual Heavy Metal Rally!!

Yahoo group: T-368_BC-610
Date: 2002-12-05 15:49:23 UTC
From: tbigelow@pop.state.vt.us
Topic: 1556  Message: 1559

Well Joe, I keep threatening to get the big boy online for this event, but everytime it rolls around, I'm always consumed by other projects! In the process right now of completing a deal down south for a Collins 212A console to use with it and the mod 5, so some progress is being made. You can bet I'll be listening, if nothing else.

Hey, at least I can move the kitchen stove and roll the transmitter out there to plug it in when I work on it. Helps being single at times like this. One of these days I'll get 240v piped into the radio room (bring your tools if you ever visit).

That mod deck in WY would be great if I could find a cabinet and power supply deck along the way. Could swing into Fair and get the SWR bridge and have the necessary ingredients. Don't forget, the big vacuum variable in my RF deck ist kaput, too. That's why it was given to me, fellow who was going to turn it into an antenna tuner lost interest after he broke it. I still check it from time to time to see if it's sprouted any new subassemblies.

You should see the one sitting in W1RC's garage that W1DEC and myself helped move. Speaking of which, I wonder if Dave has his recent T-3 acquisition online yet? Comments Dave?

de Todd/'Boomer' KA1KAQ

BTW, WB6ACU is Joe, the one on the left coast. He doesn't speak often, but I suspect he's lurking nearby. Probably enjoying another new(old) toy!

redmenaced wrote:

> Notice!!
>
> There are 157 subscribers to this list, most have transmitters in
> this catagory and are capable of making these contacts.
>
> Lets have a HUGE showing!
>
> C'mon Gene, no more lame excuses!
>
> Todd, listen in, get that RF deck out, maybe it will respond,.... in
> some way. We did find a Mod deck in Wyoming free-for-pickup last
> weekend during the AMI event!

# 1560. Electric Radio on the web!!

Yahoo group: T-368_BC-610
Date: 2002-12-05 22:59:10 UTC
From: redmenaced
Topic: 1560  Message: 1560

http://www.ermag.com/index.cfm

# 1561. Re: [T-368_BC-610] 3rd Annual Heavy Metal Rally!!

Yahoo group: T-368_BC-610
Date: 2002-12-06 01:15:38 UTC
From: Gene Beckwith
Topic: 1556  Message: 1561

Boomer and the Gang,

Your efforts at getting the "big boy" on line are surely familiar...it's a steady effort to keep priorities on line so that something, sometime actually get finished...but...Joe is relentless...so soon as I post this, it's off to work on the mute relay for the T-3 . Sure hope this system flies after the effort....but, one way or another going to make the effort for the 28th...so, off to 'engineering' to get on with the system...

I'm on the march Joe!

Gene

W8KXR

tbigelow@... wrote:

>Well Joe, I keep threatening to get the big boy online for this event, but
>everytime it rolls around, I'm always consumed by other projects! In the
>process right now of completing a deal down south for a Collins 212A console
>to use with it and the mod 5, so some progress is being made. You can bet
>I'll be listening, if nothing else.
>
>Hey, at least I can move the kitchen stove and roll the transmitter out there
>to plug it in when I work on it. Helps being single at times like this. One
>of these days I'll get 240v piped into the radio room (bring your tools if
>you ever visit).
>
>That mod deck in WY would be great if I could find a cabinet and power supply
>deck along the way. Could swing into Fair and get the SWR bridge and have the
>necessary ingredients. Don't forget, the big vacuum variable in my RF deck
>ist kaput, too. That's why it was given to me, fellow who was going to turn
>it into an antenna tuner lost interest after he broke it. I still check it
>from time to time to see if it's sprouted any new subassemblies.
>
>You should see the one sitting in W1RC's garage that W1DEC and myself helped
>move. Speaking of which, I wonder if Dave has his recent T-3 acquisition
>online yet? Comments Dave?
>
>de Todd/'Boomer' KA1KAQ
>
>BTW, WB6ACU is Joe, the one on the left coast. He doesn't speak often, but I
>suspect he's lurking nearby. Probably enjoying another new(old) toy!
>
>redmenaced wrote:

>
>>Notice!!
>>
>>There are 157 subscribers to this list, most have transmitters in
>>this catagory and are capable of making these contacts.
>>
>>Lets have a HUGE showing!
>>
>>C'mon Gene, no more lame excuses!
>>
>>Todd, listen in, get that RF deck out, maybe it will respond,.... in
>>some way. We did find a Mod deck in Wyoming free-for-pickup last
>>weekend during the AMI event!
>>
>
>
>
>
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>.
>

[Non-text portions of this message have been removed]

# 1562. Re: [T-368_BC-610] 3rd Annual Heavy Metal Rally!!

Yahoo group: T-368_BC-610
Date: 2002-12-06 02:00:17 UTC
From: Joe Foley
Topic: 1556  Message: 1562

--- Gene Beckwith <jtone@...> wrote:
> Boomer and the Gang,
>
> Your efforts at getting the "big boy" on line are
> surely familiar...it's
> a steady effort to keep priorities on line so that
> something, sometime
> actually get finished...but...Joe is relentless...so
> soon as I post
> this, it's off to work on the mute relay for the T-3
> . Sure hope this
> system flies after the effort....but, one way or
> another going to make
> the effort for the 28th...so, off to 'engineering'
> to get on with the
> system...
>
> I'm on the march Joe!
++++
Sounds serious!

Go get 'em, Gene!!

Let us know if you need help,

Joe

_____
Do you Yahoo!?
Yahoo! Mail Plus - Powerful. Affordable. Sign up now.
http://mailplus.yahoo.com

# 1563. Re: [T-368_BC-610] 3rd Annual Heavy Metal Rally!!

Yahoo group: T-368_BC-610
Date: 2002-12-06 16:09:25 UTC
From: tbigelow@pop.state.vt.us
Topic: 1556  Message: 1563

Gene Beckwith wrote:

> Boomer and the Gang,
>
> Your efforts at getting the "big boy" on line are surely familiar...it's
> a steady effort to keep priorities on line so that something, sometime
> actually get finished...but...Joe is relentless...so soon as I post
> this, it's off to work on the mute relay for the T-3 . Sure hope this
> system flies after the effort....but, one way or another going to make
> the effort for the 28th...so, off to 'engineering' to get on with the
> system...
>
> I'm on the march Joe!
>
> Gene

I've got a short in my HV/Plate supply on the big rig, so it's a matter of making time to dig into it in more depth than I have. It tosses a 15A fuse on one side of the line, that's as far as I've gotten. Made a deal for some 4B32s to replace the 872s in the event one or both ends up being shorted somehow. Have a good pair of PA tubes and a new driver with them as well, so once the problem is 'rectified', I can move on to the next hurdle. Found a pair of modulator tubes for the mod 5, but they didn't come with any extra time included, so they're still in the boxes. The exciter I got for it is the wrong one too, so I'll need to find another or be rock bound. So many projects, so little time and money!

You keep working at it Gene, I'll just sneak away unnoticed. Keep Joe distracted, drop a screwdriver now and then or yell really loud for no apparent reason.

Good luck!

*tiptoes away*

Boomer, KA1KAQ

# 1564. Heavy Metal

Yahoo group: T-368_BC-610
Date: 2002-12-06 16:31:37 UTC
From: chas_east
Topic: 1564  Message: 1564

You Guys.....I just spent a week getting my Yaesu 747 going into a pair of 3-500s and now you do this....I can still go on the air with the 4.....250's which weight about 800lbs but I was looking forward to letting you here how good this sounds...Friend could no believe it was a Ricebox.....Later KA5SRB

# 1565. Re: [T-368_BC-610] Heavy Metal

Yahoo group: T-368_BC-610
Date: 2002-12-06 18:33:24 UTC
From: tbigelow@pop.state.vt.us
Topic: 1564  Message: 1565

chas_east wrote:

> You Guys.......I just spent a week getting my Yaesu 747 going into a
> pair of 3-500s and now you do this....I can still go on the air with
> the 4.....250's which weight about 800lbs but I was looking forward
> to letting you here how good this sounds...Friend could no believe it
> was a Ricebox......Later KA5SRB

Hey, even a ricebox can sound decent if you give it a real 'voice' like a pair of 3-500s. It's not a T-3 or a Globe King, but it sure beats a can and a piece of string!

Good luck with it and, most importantly - enjoy!

de Todd/'Boomer' KA1KAQ

# 1566. Re: [T-368_BC-610] 3rd Annual Heavy Metal Rally!!

Yahoo group: T-368_BC-610
Date: 2002-12-06 21:37:29 UTC
From: rbethman
Topic: 1556  Message: 1566

Joe,

Going to try and make it with the BC-610/R-390A setup.

Just a couple of touch up items to get done.

The worst one is stringing another/new antenna. Us folk in Northern Virginia have to put up with about 9" of snow, AND a system that has no idea what to do with it!

I have to get enough to melt between now and then to get to the antenna system(s).

Bob - N0DGN
Manassas, VA
R-390A EAC '67, R-390A Collins '52, '52 BC-610I, BC-939B, and BC-614E

# 1567. BC-610 stuff on E-bay

Yahoo group: T-368_BC-610
Date: 2002-12-08 05:32:10 UTC
From: redmenaced <redmenaced@yahoo.com>
Topic: 1525  Message: 1567

http://search.ebay.com/search/search.dll?
MfcISAPICommand=GetResult&query=bc610&cgiurl=http%3A%2F%
2Fcgi.ebay.com%2Fws%
2F&ht=1&from=R10&currdisp=2&itemtimedisp=1&st=2&SortProperty=MetaEndSo
rt&BasicSearch=

Well, then just do a search for "bc610", it'll be so much easier.

Now, how come there isn't any stuff for T-368's??????

Joe

# 1568. Re: [T-368_BC-610] BC-610 stuff on E-bay

Yahoo group: T-368_BC-610
Date: 2002-12-08 17:07:54 UTC
From: rbethman
Topic: 1525  Message: 1568

Joe - All you have to do is post some of YOURS on E-bay!

(Maybe BC-610s are just better!)

Bob - N0DGN

----- Original Message -----
From: <redmenaced@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Sunday, December 08, 2002 12:32 AM
Subject: [T-368_BC-610] BC-610 stuff on E-bay

> Now, how come there isn't any stuff for T-368's??????
>
> Joe

# 1569. Re: [T-368_BC-610] BC-610 stuff on E-bay

Yahoo group: T-368_BC-610
Date: 2002-12-08 17:58:17 UTC
From: Jack Taylor
Topic: 1525  Message: 1569

Makes a difference whether you search on 'bc610' or 'bc-610'. One has coils
and another has tuning units.

Speaking of the coils, I note that some BC-610 coils are fixed link and some
are adjustable. Does anyone know if there was a reason for this?

73 de Jack

----- Original Message -----
From: <redmenaced@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Saturday, December 07, 2002 10:32 PM
Subject: [T-368_BC-610] BC-610 stuff on E-bay

> http://search.ebay.com/search/search.dll?
> MfcISAPICommand=GetResult&query=bc610&cgiurl=http%3A%2F%
> 2Fcgi.ebay.com%2Fws%
> 2F&ht=1&from=R10&currdisp=2&itemtimedisp=1&st=2&SortProperty=MetaEndSo
> rt&BasicSearch=
>
> Well, then just do a search for "bc610", it'll be so much easier.
>
> Now, how come there isn't any stuff for T-368's??????
>
> Joe

# 1570. Re: [T-368_BC-610] 3rd Annual Heavy Metal Rally!!

Yahoo group: T-368_BC-610
Date: 2002-12-08 18:07:12 UTC
From: Gene Beckwith
Topic: 1556  Message: 1570

Bob,

Good luck with the rush to get ready in spite of the snow...but...us ex Buffalo/Rochester NY folks have to smile. . .

Nine inches .... Hmmmm not much more than a heavy frost for the Western New York Crowd...(grin) . . .

But, good luck and keep up the effort...I'm in the same situation with bugs showing up faster than I can solder....

73,

Gene

W8KXR

rbethman wrote:

>Joe,
>
> Going to try and make it with the BC-610/R-390A setup.
>
> Just a couple of touch up items to get done.
>
> The worst one is stringing another/new antenna. Us folk in Northern
>Virginia have to put up with about 9" of snow, AND a system that has no idea
>what to do with it!
>
> I have to get enough to melt between now and then to get to the antenna
>system(s).
>
>Bob - N0DGN
>Manassas, VA
>R-390A EAC '67, R-390A Collins '52, '52 BC-610I, BC-939B, and BC-614E
>
>
>
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>.
>

# 1571. Re: [T-368_BC-610] 3rd Annual Heavy Metal Rally!!

Yahoo group: T-368_BC-610
Date: 2002-12-08 19:25:10 UTC
From: rbethman
Topic: 1556  Message: 1571

----- Original Message ----- From: "Gene Beckwith"
Subject: Re: [T-368_BC-610] 3rd Annual Heavy Metal Rally!!

> Bob,
>
> Good luck with the rush to get ready in spite of the snow...but...us ex
> Buffalo/Rochester NY folks have to smile. . .

Gene - I'm originally from Chicago and Wisconsin. I too feel like it is a heavy frost - BUT the region has NO idea what to do!

As soon as the WX types say the dirty four letter word "snow", the locals, including the government types, all go run to the store and buy out all the milk, bread, toilet paper, and other such. They don't have enough plows to do the job, and I'm not sure if they did that they would know what to do with them.

My specific problem regarding antennas and placement is simple - I have to be on the roof of the roffed over portion of the 500 sq ft deck. Now THERE is the rub! I'm 52 and don't heal like I used to. One slip and it's the height of the deck roof PLUS another 13 ft to terra firma!

I KNOW it's gonna hurt! So I sort of have little choice but to let THAT snow go away BEFORE I go up there.

Bob Bethman - N0DGN
Manassas, VA

R-390A EAC '67, R-390A Collins '52, '52 BC-610I, BC-939B, and BC-614E

>
> Nine inches .... Hmmmm not much more than a heavy frost for the Western
> New York Crowd...(grin) . . .
>
> But, good luck and keep up the effort...I'm in the same situation with
> bugs showing up faster than I can solder....
>
> 73,
>
> Gene
>
> W8KXR

# 1572. Re: [T-368_BC-610] BC-610 stuff on E-bay

Yahoo group: T-368_BC-610
Date: 2002-12-08 19:28:19 UTC
From: rbethman
Topic: 1525  Message: 1572

Jack,

The two coils provided for the 160 mtr mod came in two different flavors. The B&W that I have came with fixed links, and some others by other folks came with moving links.

AFAIK, the remaining coils have movable links.

Bob Bethman - N0DGN
Manassas, VA

R-390A EAC '67, R-390A Collins '52, '52 BC-610I, BC-939B, and BC-614E

----- Original Message ----- From: "Jack Taylor"

To: <T-368_BC-610@yahoogroups.com>
Sent: Sunday, December 08, 2002 12:58 PM
Subject: Re: [T-368_BC-610] BC-610 stuff on E-bay

> Makes a difference whether you search on 'bc610' or 'bc-610'. One has coils
> and another has tuning units.
>
> Speaking of the coils, I note that some BC-610 coils are fixed link and some
> are adjustable. Does anyone know if there was a reason for this?
>
> 73 de Jack

# 1573. Re: [T-368_BC-610] BC-610 stuff on E-bay

Yahoo group: T-368_BC-610
Date: 2002-12-08 20:03:15 UTC
From: Joe Foley
Topic: 1525  Message: 1573

```
--- rbethman <rbethman@...> wrote:
> Joe - All you have to do is post some of YOURS on
> E-bay!
++++++++++
Ha! I would if I had any!

Joe

>
> (Maybe BC-610s are just better!)
>
> Bob - N0DGN
>
> ----- Original Message -----
> From: <redmenaced@...>
> To: <T-368_BC-610@yahoogroups.com>
> Sent: Sunday, December 08, 2002 12:32 AM
> Subject: [T-368_BC-610] BC-610 stuff on E-bay
>
>
> > Now, how come there isn't any stuff for
> T-368's??????
> >
> > Joe
>
>

---------------------------------------------------
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http://mailplus.yahoo.com
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# 1574. Re: [T-368_BC-610] BC-610 stuff on E-bay

Yahoo group: T-368_BC-610
Date: 2002-12-08 20:21:16 UTC
From: rbethman
Topic: 1525  Message: 1574

Joe - It's simple. Go buy some and put it up for sale!

Bob Bethman - N0DGN (BC-610s are just better!)
Manassas, VA

R-390A EAC '67, R-390A Collins '52, '52 BC-610I, BC-939B, and BC-614E

----- Original Message ----- From: "Joe Foley"
To: <t-368_bc-610@yahoogroups.com>
Sent: Sunday, December 08, 2002 3:03 PM
Subject: Re: [T-368_BC-610] BC-610 stuff on E-bay

>
> --- rbethman wrote:
> > Joe - All you have to do is post some of YOURS on
> > E-bay!
> ++++++++++
> Ha! I would if I had any!
>
> Joe
> >
> > (Maybe BC-610s are just better!)
> >
> > Bob - N0DGN

# 1575. I'd like someone to replace me....

Yahoo group: T-368_BC-610
Date: 2002-12-09 23:31:31 UTC
From: W2ZR@aol.com
Topic: 1575  Message: 1575

Hi Gang,
Other demands on me have forced me to part company with my T-368
along with some other goodies. As you know, I started keeping a registry of
T-368's and it's gone quite well so far. Is there anyone who'd like to take
over the job of keeping the registry updated? It's really quite simple. I'd
hate to see it stop. We've got around 75 rigs listed now.

73,
Steve W2ZR

# 1576. T-368 Registry 09Dec2002

Yahoo group: T-368_BC-610
Date: 2002-12-10 00:30:51 UTC
From: billn2bc <n2bc@stny.rr.com>
Topic: 1576  Message: 1576

Steve asked for a new owner, I raised my hand - and the list was in my inbox almost before I hit send! Chuckle...

I want to thank Steve for his work building and keeping the list updated.

The updated registry follows. Pls send additions / changes to me n2bc@...

73, Bill

*** T-368 Registry 09Dec2002 ***

N3IBX n3ibx@...
Bendix T-368-E #245
contract 3219-PP-59

K0BS k0bs@...
B&W T-368E #577
contract 15117-PP-62

Scott polaraligned@...
Bendix T-368E #102
contract 3219-PP-59

W4CT bsbooth@...
Stromberg-Carlson T-368D #16
contract 39692-PP-58

K0MAZ k0maz@...
(no info at this time)

N8FRP radio-bud@...
Oneida T-368F #249
contract 15498-PP-63

KA4JVY foltarz@...
Oneida T-368F #152
contract 15498-PP-63

W1RC w1rc@...
Crosley T-368C #581
contract 21316-PH-56
overhauled at Pirmasens Army Depot

KK4DF kk4df@...
Bendix T-368E #238
contract 3219-PP-59

overhauled at Pirmasens Army Depot

W8ACR skipperclan@...
Bendix T-368E #353
contract 3219-PP-59
overhauled at Pirmasens Army Depot

W1DEC davidca@...
Stromberg-Carlson T-368D #104
contract 39692-PP-58

K6OSM commtekman@...
Bendix T-368E #133
contract 3219-PP-59

W4CLM w4clm.ham@...
Oneida T-368F #75
contract 15498-PP-63

WA4VAG prc74b@...
Crosley T-368C # 353
contract 28459-PH-55

W0ZR telutz@...
Bendix T-368E #224
contract 3219-PP-59

NI6S aidehua@...
TRW T-368F #260
contract 14527(E)

WA9ZTY no email
Crosley T-368C
contract 28459-PH-55
AFRS military mod

K1KHP k1khp@...
B&W T-368C #123
contract 43056-P-56

B&W T-368E #536
contract 15117-PP-62

W2ILA tom_mackie@...
ECCO Electronic Components T-368F #103
contract DAAB05-67-C0022

W5KP w5kp@...
Crosley T-368C #51
contract 28459-PH-55

W9XRT jmain@...
Bendix T-368E #17

contract 3219-PP-59

K4KWM k4kwm@...
B&W T-368C #10
contract 43056-P-56

USS New Jersey
TRW T-368F #172
contract 14527(E)

W3RC dasein@...
ECCO Electronic Components T-368F #114
contract DAAB05-67-C0022

KC8CU ramsta@...
B&W T-368 #82
contract 25633-PH-53
overhauled at Lexington Blue Grass Army Depot

W1UJR kg2ic@...
T-368F

W7XH billbraden@...
TRW T-368F #359
contract 14527(E)

AA9WQ aa9wqham@...
B&W T-368 #22
contract 3472-PHILA-53
overhauled

WA0TSY troy-aero@...
B&W T-368C #367
contract 43056-P-56
overhauled at Pirmasens Army Depot

W2HER bobziolk@...
Bendix T-368E #152
contract 3219-PP-59

W3PWW (no email)
Crosley T-368C #211
contract 28459-PH-55

W3TOY wa3toj@...
B&W T-368 #13
contract 3472-Phila-52

B&W T-368E #206
contract 15117-PP-62

KD3FA billn@...
B&W T-368E #541

contract 11517-PP-62

WB6ACU WB6ACU@...
B&W T-368C #285
contract 43056-P-56
overhauled at Pirmasens Army Depot

WB2FCN chejmw@...
T-368A (nsn)

K8OF hamalot@...
T-368C
GDP 2/67

W1ZD w1nml@...
TRW T-368F #64
contract 14527(E)

K0WRX PLCullum1823@...
B&W T-368C #305
contract 43056-P-56

Tom Leiper (no call yet) twleiper@...
Ecco Electronic Components T-368F #76
contract DAAB05-67-C0022

WA4KCY sweetbay@...
TRW T-368F #358
contract 14527(E)

K9XH jleer@...
TRW T-368F #238
contract 14527(E)
overhauled at Pirmasens Army Depot

W4TDC WA4TDC@...
Crosley T-368C #364
contract 28459-PH-55

WA6IUR fly n ham@...
TRW T-368F #2
contract 14527(E)

K9RJ jandrjor@...
Stromberg-Carlson T-368D #55
contract 39692-PP-58

W9QM r_longworth@...
Oneida T-368F #149
contract 15498-PP-63

KE7KK ke7kk@...
Stromber-Carlson T-368D #33

contract 39692-PP-58

KF4TP olaf@...
TRW T-368F #190
contract 14527(E)

K4BVQ PHollifield@...
Bendix T-368E #118
contract 3219-PP-59
overhauled at Pirmasens Army Depot

N2BC n2bc@...
T-368C

N4KIA pradams@...
Crosley T-368C #275
contract 28459-PH-55

W5BVB plmills@...
Oneida T-368F #19
contract 15498-PP-63

AE4IN ae4in@...
Daystrom T-368C #46
contract 28597-Phil-55

WA1QHQ mark.donaldson@...
B&W T-368 #32
contract 25070-Phila-54

Oneida T-368F #59
contract 15498-PP-63

N4FS n4fs@...
TRW T-368F #261
contract 14527(E)

K2AUS w.d.gallagher@...
TRW T-368F #303
contract 14527(E)

W7QHO w7qho@...
B&W T-368 #129
contract 25633-PHILA-53

Crosley T-368C #237
contract 28459-PH-55

W2HU reid.j.hagan@...
T-368 #138
(awaiting details)

WB6DXR lesterw@...
B&W T-368 #18

contract 25633-Phila-53

KX4R kx4r@...
Crosley T-368C #560
contract 21316-PH-56

KD1YT tlewis@...
B&W T-368E #27
contract 15117-PP-62
overhauled at Pirmasens Army Depot

W3NP w3np@...
B&W T-368E #575
contract 15117-PP-62
overhauled at Pirmasens Army Depot

KW1I Dale.Gagnon@...
AMF T-368A #62
contract 25209-PHILA-54

KA3OTT kazott@...
B&W T-368C #018
contract 43056-P-56

WB3FAU wb3fau@...
Oneida T-368F #192
contract 15498-PP-63

KF2JQ jprusso@...
AMF T-368A #69
contract 25209-PHILA-54

W4WSZ bobm@...
Stromberg-Carlson T-368D #161
contract 39692-PP-58

W8KXR jtone@...
B&W T-368C #216
contract 43056-P-55

Bendix T-368C #209
contract 3219-PP-59

WF2U wf2u@...
B&W T-368E #628
contract 15117-PP-62

KG2CI redmenaced@...
Bendix T-368 E #160
contract 3219-PP-59

VE3NGW ck@...
Crosley T-368C #391

contract 28459-PH-55
overhauled at Pirmasens Army Depot

# 1577. BC-610(I) modulation transformer

Yahoo group: T-368_BC-610
Date: 2002-12-11 17:59:45 UTC
From: James M. Walker
Topic: 1577  Message: 1577

Heads up folks,
here is a BC-610 mod tranny, on the "PLACE"

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=1944213572&category=4675
Jim
WB2FCN

# 1578. T-368 Registry

Yahoo group: T-368_BC-610
Date: 2002-12-13 21:25:47 UTC
From: billn2bc <n2bc@stny.rr.com>
Topic: 616  Message: 1578

I've taken a quick pass at turning the T-3 registry into a YAHOO Database. This allows some basic sorting, a 'find' function, and a printer friendly format. It's likely I have finger-checked in a few places, so take a peek & hollar if a correction is needed.

<<< --- To get started, click on "Database" on the left panel

Happy Holidays!

73, Bill

# 1579. T-368 Registry (oops...)

Yahoo group: T-368_BC-610
Date: 2002-12-13 21:32:23 UTC
From: billn2bc <n2bc@stny.rr.com>
Topic: 1579  Message: 1579

The previous note's instructions to "click on database..." only apply when looking at the msgs while IN the YAHOO T-3 group. DUH...

However... if you have a database icon on the left edge of your Email program, click it! If you happen to be in your checkbook program, just email me the balance!

I'll go back to sleep now.

73, Bill

# 1580. manual fest

Yahoo group: T-368_BC-610
Date: 2002-12-14 22:49:36 UTC
From: redmenaced <redmenaced@yahoo.com>
Topic: 1580  Message: 1580

http://cgi6.ebay.com/ws/eBayISAPI.dll?
ViewSellersOtherItems&userid=veteranwwii&include=0&since=-
1&sort=3&rows=25

# 1581. New Ham Radio Site

Yahoo group: T-368_BC-610
Date: 2002-12-19 03:45:30 UTC
From: Jim Thompson - w3lap
Topic: 1581  Message: 1581

Happy Holidays to all my friends!

Hey Gang
I'm working on my new ham radio site. Check it out.
http://www.qsl.net/w3lap/index.html

If you would like your ham site listed in my ham radio index please send me a message requesting your site being added. Mailto:w3lap@...

---
73 de w3lap
Jim Thompson - w3lap - aka:possum

I'm working on my new ham radio site. Check it out.
http://www.qsl.net/w3lap/index.html

If you would like your ham site listed in my index please send me a message requesting your site being added. Mailto:w3lap@...

I recreated Ham-Radio-News for the sole purpose of everyone being heard and no one being rejected..
Come join us.

NOTE: Join Ham-Radio-News the list that rejects no post!
All Hams and All News Welcome!
Mailto:Ham-Radio-News-subscribe@...

To see and modify all of your groups, go to
http://groups.yahoo.com/mygroups

Community email addresses:
Post Message: Mailto:Ham-Radio-News@...
Subscribe: Mailto:Ham-Radio-News-subscribe@...
Unsubscribe: Mailto:Ham-Radio-News-unsubscribe@...
List owner: Mailto:Ham-Radio-News-owner@...

Shortcut URL to this page:
http://groups.yahoo.com/group/Ham-Radio-News/

.-.-.

[Non-text portions of this message have been removed]

# 1582. WTB:

Yahoo group: T-368_BC-610
Date: 2002-12-20 22:21:41 UTC
From: Dale Hagert
Topic: 1582  Message: 1582

I am looking for a BC-610 with in driving distance of Mpls/St Paul MN.
If you know of one drop me an email at w0ir@...

# 1583. WTD Scientific Radio Systems SR-206/210

Yahoo group: T-368_BC-610
Date: 2002-12-22 14:17:21 UTC
From: James M. Walker
Topic: 1583  Message: 1583

Hello All,
and Seasons Greetings. I am looking for the transceiver models SR-206 or SR-210. This is an attempt to acquire the channel board plug ins. I have a need for 20 or so of the boards. Please contact me directly if you have these items.

Thanks and be Peaceful
Jim
WB2FCN
http://eshop1.chem.buffalo.edu

# 1584. RF deck modifications

Yahoo group: T-368_BC-610
Date: 2002-12-22 19:21:33 UTC
From: -- KK4DF -- <kk4df@yahoo.com>
Topic: 1584  Message: 1584

I've modified my RF deck based on the WA1HLR mods, and initial tests are OK with one exception. When I unkey the transmitter, my plate current spikes up high, and usually trips the overload relay. It's like the RF in the tank circuit has no place to go except back through the plate of the final. I didn't notice this problem before the modifications. I completed the entire mod, which includes lower capacitance in the final amp screen and clamper tube plate circuit, if that matters.

How does all the energy in the tank circuit normally dissipate? Is the antenna relay supposed to hold in long enough to dissipate through the antenna? I need some help on this one.

Walter Wilson - KK4DF

# 1585. Re: [T-368_BC-610] RF deck modifications

Yahoo group: T-368_BC-610
Date: 2002-12-22 19:31:41 UTC
From: Bill Coleman N2BC
Topic: 1584  Message: 1585

Hi Warren. I think you mean going from transmit to receive.... Have you tried keying the rig in CW? If you get the same effect on key up, I would suspect the clamp tube.

The clamp tube is supposed to reduce the screen voltage to limit PA plate current when there is no RF drive. In AM, this happens when switching to receive and leaving the HV on, or on key up in CW.

GL, Bill

~~~~~~~~~~~~~~~~
Bill Coleman N2BC
http://home.stny.rr.com/n2bc
----- Original Message -----
From: <kk4df@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Sunday, December 22, 2002 2:21 PM
Subject: [T-368_BC-610] RF deck modifications

> I've modified my RF deck based on the WA1HLR mods, and initial tests
> are OK with one exception. When I unkey the transmitter, my plate
> current spikes up high, and usually trips the overload relay. It's
> like the RF in the tank circuit has no place to go except back
> through the plate of the final. I didn't notice this problem before
> the modifications. I completed the entire mod, which includes lower
> capacitance in the final amp screen and clamper tube plate circuit,
> if that matters.
>
> How does all the energy in the tank circuit normally dissipate? Is
> the antenna relay supposed to hold in long enough to dissipate
> through the antenna? I need some help on this one.
>
> Walter Wilson - KK4DF
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
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# 1586. Re: [T-368_BC-610] RF deck modifications

Yahoo group: T-368_BC-610
Date: 2002-12-22 20:19:33 UTC
From: James M. Walker
Topic: 1584  Message: 1586

Ah,
Did you reset the overload relay after the mods? Also the original
circuitry provided a load to the power supply, when the rig was in
standby
with plate voltage on, and there was a loading factor for the power
supply
that is not there with the mods. Is the Clamper tube working, has the
dropping resistor opened as a result of the NEW higher voltage going to
it? Sounds like the clamp tube isn't doing its' job.
Jim
WB2FCN

"-- KK4DF -- " wrote:
>
> I've modified my RF deck based on the WA1HLR mods, and initial tests
> are OK with one exception. When I unkey the transmitter, my plate
> current spikes up high, and usually trips the overload relay. It's
> like the RF in the tank circuit has no place to go except back
> through the plate of the final. I didn't notice this problem before
> the modifications. I completed the entire mod, which includes lower
> capacitance in the final amp screen and clamper tube plate circuit,
> if that matters.
>
> How does all the energy in the tank circuit normally dissipate? Is
> the antenna relay supposed to hold in long enough to dissipate
> through the antenna? I need some help on this one.
>
> Walter Wilson - KK4DF
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 1587. Need K7 Tube Relay

Yahoo group: T-368_BC-610
Date: 2002-12-22 23:35:52 UTC
From: aidehua@aol.com
Topic: 1587  Message: 1587

I am in need of one of these for my T368, as mine is "kaput." Please help. Fair Radio does not have these....

Thanks,
Ed NI6S

# 1588. Re: [T-368_BC-610] Need K7 Tube Relay

Yahoo group: T-368_BC-610
Date: 2002-12-23 02:50:44 UTC
From: Joe Foley
Topic: 1587  Message: 1588

In the interim I think you'll have to investigate the
option of gutting a relay with an octal base on it and
building a 20 second on-delay circuit on it.

Pins 2 and 3 are the "115 VAC coil" and 5 and 7 are
the switched circuit. This shouldn't be too tough to
do. Most electrical supply houses can get you a timed
on-delay relay and the octal relay, gut both,
re-assemble according to your needs, plug and play.

You probably wouldn't be able to get an on-delay relay
with the proper pin-out, have to make your own.

Joe

--- aidehua@... wrote:
> I am in need of one of these for my T368, as mine is
> "kaput." Please help. Fair Radio does not have
> these....
>
> Thanks,
> Ed NI6S
>

_____
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# 1589. auto transformers/ variac power for T-3?

Yahoo group: T-368_BC-610
Date: 2002-12-23 20:41:49 UTC
From: Trevor Lewis
Topic: 1589  Message: 1589

I really, really hope to be in a position to begin seriously checking out and powering up my T-368E, and, Murphy & his law willing, trying it on the air in the next month or so. Now if other events will simply let me take the time to finish building the shack, wiring it all, etc...

Anyway, with that as context, my mind turns to powering the T-3. I know it needs at a minimum a very "stiff" 20(+) Amp 120 VAC service. I live in a rural area, and voltage is highly variable by day/ month/ season and sometimes runs quite high (approaching 130 VAC under some conditions on a known accurate meter). The utility service to the house-although it is a 100A service-- is itself not very stiff [loads such as furnace blower start-up makes lights visibly dim for a moment even though I have been careful to balance the household's various 120V loads across the two legs of the 240V bus in the main breaker panel]. I may be able to get the electric coop. to put in a larger pole transformer, which might improve the voltage sag under load, but that would not address the fact that the voltage is sometimes just plain too high, especially for older equipment like the T-3 that was built more for the 110-115-120V range.

So I'm mulling over the best [and reasonably affordable/ achievable] way to power my T-3 so that the voltage to it is reasonably stable and not too high. Figuring out a way to run it off of 240VAC would at least reduce current draw, which would minimize the effect of the T-3's load on voltage. Since it is a T-3 "E" the plate transformer, etc., doesn't give me the option to modify the unit to run directly off of 240VAC.

Any suggestions on reasonably affordable/ straightforward ways that I might rig up a 240 --- > 120 step-down that also incorporates a variable or multi-tap arrangement? That way the T-3's 120V load would be inherently balanced across both legs of the 240V service, voltage drop/ variation from the T-3's load would be minimized, and the variable or multi-tap aspect would let me lower the voltage to the T-3 on days when the utility voltage is too high. I think I still have a set of 120VAC dual/ ganged-shaft variacs of 15A or so (if I can find where they are and they didn't get lost in a move), but absent some isolation transformers, it seems like the autotransformer aspect of the variacs would prevent me from using them for the 240 -- > 120, and they don't have the voltage rating for use directly on 240, nor would either individual variac handle the T-3's full current draw at 120V.

Any other ideas are also appreciated. Best wishes to all for the holiday season and New Years

[Non-text portions of this message have been removed]

# 1590. Re: [T-368_BC-610] auto transformers/ variac power for T-3?

Yahoo group: T-368_BC-610
Date: 2002-12-23 21:39:30 UTC
From: w7qho@aol.com
Topic: 1589  Message: 1590

Some comments and observations on T-368 primary power requirements.

I've run my Basic several times off a portable MG set where the voltage varied between 125 vac on key-up and 110 key-down. Worked just fine except for the power output being down a bit. This set was also run successfully for two days at a MD hamfest a few years ago with a LONG extension cord from a doubtful AC power source. Didn't actually measure the regulation in the latter case but noted the filament voltage varied significantly key-up/down. I would note that these things were designed for field use so would have to be tolerant of voltage fluctuations. This is why the filament rheostat was included. I would say just plug it in and give it a try.

Operation on 240 would have some advantages, of course. The earlier sets had dual primary HV transformers but, oddly, no provision for 240 volt operation was included in the chassis or cabinet wiring. Later transformers had a single primary. Check your transformer, though, as a lot of drawer swapping apparently took place at the depots.

It is also possible to divide the load in the transmitter and run the HV trans. off of one leg of your 240 volt bus and the rest of the transmitter circuits off the other leg. I haven't tried this personally but know others who have done so with good results.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 1591. Re: RF deck modifications (PROBLEM SOLVED)

Yahoo group: T-368_BC-610
Date: 2002-12-23 22:06:25 UTC
From: Walter Wilson <kk4df@yahoo.com>
Topic: 1584  Message: 1591

Problem solved! After many attempts to solve other problems, I
finally removed the portion of the mods involving reduced capacitance
in the final screen and clamper circuit area. I probably had a bad
cap in there; not sure. But going back to the original cap, and
everything is working very well. The audio response is much improved
with these RF deck mod changes. I'll try to post some pics over the
holidays, now that things are working.

Thanks and Merry Christmas to all!
Walter Wilson - KK4DF
http://r-390a.us/

--- In T-368_BC-610@yahoogroups.com, "-- KK4DF -- <kk4df@y...>"
<kk4df@y...> wrote:
> I've modified my RF deck based on the WA1HLR mods, and initial
tests
> are OK with one exception. When I unkey the transmitter, my plate
> current spikes up high, and usually trips the overload relay. It's
> like the RF in the tank circuit has no place to go except back
> through the plate of the final. I didn't notice this problem
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> the modifications. I completed the entire mod, which includes
lower
> capacitance in the final amp screen and clamper tube plate circuit,
> if that matters.
>
> How does all the energy in the tank circuit normally dissipate? Is
> the antenna relay supposed to hold in long enough to dissipate
> through the antenna? I need some help on this one.
>
> Walter Wilson - KK4DF

# 1592. Re: [T-368_BC-610] auto transformers/ variac power for T-3?

Yahoo group: T-368_BC-610
Date: 2002-12-23 22:50:16 UTC
From: Joe Foley
Topic: 1589  Message: 1592

I'm going to say:

You should get a 200 amp service to your house, 100 is too small for anything more than the minimal needs of the average house. The reason is because of the surge current required when motors start up or someone keys up his BIG transmitter. There isn't enough "headroom" for the service to pass the required current. The NEC says a motor can be allowed to draw up to 13 times its full load current rating when starting.

If you look at the current requirements for a T-368E you will see that it needs a 21 amp circuit! That means you should put it on a 30 amp breaker with #10 wire feeding it, especially if you're going to run it for more than 3 hours at a time (that's transmitting, of course) then it flops over into the NEC's "continuous duty" catagory, if you want to nitpick.

Sure, you can run it on a 100 amp service and a maybe on a 20 amp circuit, but you did ask.

But that's just my advice from 23 years of repairing the "creative" wiring done in houses, hospitals, factories, foundries, etc. For people like Bausch & Lomb, Kodak, Xerox, Weyerhauser, Fisher Price,.....

Joe

--- Trevor Lewis <tlewis@...> wrote:
> I really, really hope to be in a position to begin
> seriously checking out
> and powering up my T-368E, and, Murphy & his law
> willing, trying it on the
> air in the next month or so. Now if other events
> will simply let me take
> the time to finish building the shack, wiring it
> all, etc...
>
>
>
> Anyway, with that as context, my mind turns to
> powering the T-3. I know it
> needs at a minimum a very "stiff" 20(+) Amp 120 VAC
> service. I live in a
> rural area, and voltage is highly variable by day/

> month/ season and
> sometimes runs quite high (approaching 130 VAC under
> some conditions on a
> known accurate meter). The utility service to the
> house-although it is a
> 100A service-- is itself not very stiff [loads such
> as furnace blower
> start-up makes lights visibly dim for a moment even
> though I have been
> careful to balance the household's various 120V
> loads across the two legs of
> the 240V bus in the main breaker panel]. I may be
> able to get the electric
> coop. to put in a larger pole transformer, which
> might improve the voltage
> sag under load, but that would not address the fact
> that the voltage is
> sometimes just plain too high, especially for older
> equipment like the T-3
> that was built more for the 110-115-120V range.
>
>
>
> So I'm mulling over the best [and reasonably
> affordable/ achievable] way to
> power my T-3 so that the voltage to it is reasonably
> stable and not too
> high. Figuring out a way to run it off of 240VAC
> would at least reduce
> current draw, which would minimize the effect of the
> T-3's load on voltage.
> Since it is a T-3 "E" the plate transformer, etc.,
> doesn't give me the
> option to modify the unit to run directly off of
> 240VAC.
>
>
>
> Any suggestions on reasonably affordable/
> straightforward ways that I might
> rig up a 240 --- > 120 step-down that also
> incorporates a variable or
> multi-tap arrangement? That way the T-3's 120V load
> would be inherently
> balanced across both legs of the 240V service,
> voltage drop/ variation from
> the T-3's load would be minimized, and the variable
> or multi-tap aspect
> would let me lower the voltage to the T-3 on days
> when the utility voltage

> is too high. I think I still have a set of 120VAC
> dual/ ganged-shaft
> variacs of 15A or so (if I can find where they are
> and they didn't get lost
> in a move), but absent some isolation transformers,
> it seems like the
> autotransformer aspect of the variacs would prevent
> me from using them for
> the 240 -- > 120, and they don't have the voltage
> rating for use directly on
> 240, nor would either individual variac handle the
> T-3's full current draw
> at 120V.
>
>
>
> Any other ideas are also appreciated. Best wishes
> to all for the holiday
> season and New Years
>
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>
>
>
> [Non-text portions of this message have been
> removed]
>
>

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# 1593. Re: [T-368_BC-610] auto transformers/ variac power for T-3?

Yahoo group: T-368_BC-610
Date: 2002-12-24 04:07:17 UTC
From: bflattrmpt@aol.com
Topic: 1589 Message: 1593

Hi Trevor,
I work at an electric utility and am "shocked" at your poor voltage. I would complain to your coop if your voltage exceeds 126 volts! The voltage your coop / utility should provide should be in the range of 114v to 126v (120v + or - 5 percent) at your meter. The voltage drop through your house may lower it to 110 volts, and beyond that you have some serious low voltage!
In New York State, the Public Service Commission requires the utilities comply with an order called "conservation voltage reduction", which is an attempt to keep the voltage from exceeding 123 volts. At most of our substations, there is a limit at the substation that keeps the load tap changer (LTC) that regulates the output voltage of the transformer from exceeding 128 volts. It is "first house protection" to prevent high voltage. If we are doing our job right, the substation settings will not allow the first house to ever see more than 126 volts. During times of peak load, the substation LTC has base voltage and compensation settings that will raise the distribution voltage to compensate for the voltage drop on the primary wires. During lighter load times, the LTC will lower the voltage to compensate for a decrease in drop on the wires. If the base voltage and compensation settings are correct at the substation's LTC or voltage regulators, and the load was distributed evenly along the circuit, ideally the customer in the middle would see a somewhat constant voltage throughout the day. Unfortunately customer on the beginning or end will see more of a swing, but it should not be outside of the range I mentioned above. Capacitors and / or voltage regulators are commonly added to the line to help keep the voltage regulated at acceptable levels. Variations in loads on your distribution circuit throughout the year may require the utility to make regular adjustments to the substation and circuit equipment to maintain acceptable voltage.
All this being said, I think you need to have your utility / coop put a recording voltmeter on you service and then correct any problems they are causing. It is possible you are overloading your distribution transformer, but I doubt it. The coop may need to upgrade your service from #2 wire to 1/0 wire, which may help. If they do not help you... and your voltage is poor, contact your public service commission to get results.
In another post regarding your house wiring, Joe said #10 wire with a 30 amp single pole breaker is a good way to go. I agree. I have a 100 amp service in my house with good wiring, and it's fine as long a you have good diversity. Put everything on at once, and that's another story.
Good luck, Dave / KA2J.

# 1594. [smoke test combined with?] 3rd Annual Heavy Metal Rally!!

Yahoo group: T-368_BC-610
Date: 2002-12-24 17:01:20 UTC
From: kd1ytr390a <tlewis@primmer.com>
Topic: 1556  Message: 1594

If I were to find time and rig up some temporary power and antenna cabling, how bad an idea do folks here on the list think it would be if I were to try to fire up my T-3 on the air. This event [HM Rally] [or shortly before the event] would be the first time I'd have put the unit on the air. I acquired it about 3 yrs ago in supposedly working condition, but I guess other circumstances about the seller/ sale have made me less confident in retrospect about how reliable that representation of condition was. I can turn on all power to the unit without any obvious problems, and the meter readings seem in or pretty close to the ballpark for what one would expect in energized but unkeyed state. The unit has tags showing it was gov't reconditioned in the 80's and was owned by a ham, probably acquired through fair radio; when I examine the rig's innards, there are no obvious signs of any significant mods or failed components.

I've worked on & revived plenty of tube gear, including some other military BA transmitters like an ARC-13, but it's clear to me that I'm a beginner compared to some on this list.

My dilemma is that I usually try to be fairly methodical/ meticulous in reviving old equipment-- identifying and solving potential problems before giving it a full workout-- but then again, this beast is supposed to have lots of protective devices, and meant to survive hostile conditions. If I try to use the T-3 and it doesn't work or something minor zorches out, I will not be upset. If the T-3 works or even comes close to working, it will really light a fire under me to finish all the work I need do to finish the shack, etc. But I will feel like a royal dummy if I try to put the T-3 on the air and wind up doing extensive damage as a result of not having been more methodical.

Am I being too cautious if I don't just try to fire it up and see what happens, or would I be flirting with some possible damage to important/ hard to replace parts if I do a "plug in, turn on, tune per manual, key microphone"

[PLEASE NOTE: please reply on-list or to my other e-mail at kd1yt@...; in the coming week I won't have access to the e-mail that this yahoogroup account is under; yes, I'll change that eventually]

Thanks & happy holidays
73
Trevor
KD1YT

--- In T-368_BC-610@yahoogroups.com, "redmenaced" <redmenaced@y...>
wrote:
> Notice!!
>
> There are 157 subscribers to this list, most have transmitters in
> this catagory and are capable of making these contacts.
>
> Lets have a HUGE showing!
>
>* * * *

> Posted by KD0HG on December 04, 19102 at 10:46:06:
>
> The 3rd Annual Heavy Metal Rally will commence the evening of
> Saturday, December 28th and the party continues all night.
>
> Everyone is encouraged to participate, but the goal is to have as
> many AM Tall Ships participate. Bring your broadcast iron,
military,
> homebrew, T-368s and KW1s to the party!
>
>* * * *

# 1595. Did someone say Smoke ??

Yahoo group: T-368_BC-610
Date: 2002-12-24 22:50:23 UTC
From: billn2bc <n2bc@stny.rr.com>
Topic: 1595  Message: 1595

Hi Trevor, as the self-proclaimed T-3 smoke champion (see earlier posts)... I say GO FOR IT !

Besides, tomorrow is predicted to be perfect antenna fixin' weather, with 16" to 20" of snow scheduled (here anyway).

Seriously, I'd spend a while with an ohmmeter on all the voltage lines looking for obvious problems first. The TM has resistance readings for all the tube sockets, at least check the IPA, PA, and modulators. MAKE SURE the bleeder resistors are OK. I had one on another rig that looked OK to the eyeball but was open - you can guess how I found that...

Second, if your T-3 still has it's infamous interlocks, you might as well clean them now - or you'll be fighting them later.

Lastly, a major safety check, make sure the AC primary feed is correct (a source of potential cobbling due to the oddball sockets), and the fuses are properly sized.

When I initially brought mine up it wouldn't 'go' at all because the mod deck was looking for an interlock that simply did not exist in the cabinet. This was the result of having a mixed bag of different model drawers and cabinet.

However, I have yet to find a bad cap typical of this vintage gear.

Take it slow & take it safe. The above checks will only take a few minutes. Then go go go.

Keep the list posted - I can help with real smoke!

Happy Holidays & 73 Bill N2BC

# 1596. (no subject)

Yahoo group: T-368_BC-610
Date: 2002-12-25 00:59:30 UTC
From: Jim Thompson - w3lap
Topic: 1596  Message: 1596

click me > Happy Holidays to all.

[Non-text portions of this message have been removed]

# 1597. Re: [T-368_BC-610] [smoke test combined with?] 3rd Annual Heavy Metal Rally!!

Yahoo group: T-368_BC-610
Date: 2002-12-25 05:37:15 UTC
From: Joe Foley
Topic: 1556  Message: 1597

Well,

Clean all of the HV insulators, check the sparkgaps,
check the HV wiring for cracks/shorts, test it into a
dummy load for several minutes, or as long as you can.

Then, at SOME point, you'll realize that you have to
key the mike and after you get through your checklist
for the millionth time is as good as any.

Give it a shot! You'll be in the same boat as the
rest of us.

There are several others who are going to put rigs on
the air for the first, or nearly so, time. They've
rushed to make this deadline, too.

Its a goal to be met!

You'll be very disappointed if you DON'T do it.

Joe

--- "kd1ytr390a <tlewis@...>"
<tlewis@...> wrote:
> If I were to find time and rig up some temporary
> power and antenna
> cabling, how bad an idea do folks here on the list
> think it would be
> if I were to try to fire up my T-3 on the air. This
> event [HM Rally]
> [or shortly before the event] would be the first
> time I'd have put
> the unit on the air. I acquired it about 3 yrs ago
> in supposedly
> working condition, but I guess other circumstances
> about the seller/
> sale have made me less confident in retrospect about
> how reliable
> that representation of condition was. I can turn on
> all power to the
> unit without any obvious problems, and the meter
> readings seem in or
> pretty close to the ballpark for what one would
> expect in energized

> but unkeyed state. The unit has tags showing it was
> gov't
> reconditioned in the 80's and was owned by a ham,
> probably acquired
> through fair radio; when I examine the rig's
> innards, there are no
> obvious signs of any significant mods or failed
> components.
>
> I've worked on & revived plenty of tube gear,
> including some other
> military BA transmitters like an ARC-13, but it's
> clear to me that
> I'm a beginner compared to some on this list.
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> My dilemma is that I usually try to be fairly
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> shack, etc. But I
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> Am I being too cautious if I don't just try to fire
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> kd1yt@...; in the coming week I won't have
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> I'll change that
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> Thanks & happy holidays
> 73
> Trevor
> KD1YT
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> >* * * *
>
>

---------------------------------------------------
Do you Yahoo!?
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# 1598. Re: RF deck modifications (Documented)

Yahoo group: T-368_BC-610
Date: 2002-12-26 19:40:45 UTC
From: Walter Wilson <kk4df@yahoo.com>
Topic: 1584  Message: 1598

I have documented the modifications I made to my T-368E with
pictures, a schematic, and comments. Thanks for all those who helped
me make this a successful project.

http://r-390a.us/T-368RFDeckMods.htm

Walter Wilson - KK4DF

# 1599. Re: [T-368_BC-610] [smoke test combined with?] 3rd Annual Heavy Metal Rally!!

Yahoo group: T-368_BC-610
Date: 2002-12-29 03:00:44 UTC
From: Gene Beckwith
Topic: 1556  Message: 1599

Joe,

Made It . . . Made several contacts on the Boat Anchor Rally and did it
with a very bad voice due to a case of the Flu...

But, were on and the T-3 is getting great reports....all on 160 meters
at or near 1885 . . .

73,

Gene

Joe Foley wrote:

>Well,
>
>Clean all of the HV insulators, check the sparkgaps,
>check the HV wiring for cracks/shorts, test it into a
>dummy load for several minutes, or as long as you can.
>
>
>Then, at SOME point, you'll realize that you have to
>key the mike and after you get through your checklist
>for the millionth time is as good as any.
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>Give it a shot! You'll be in the same boat as the
>rest of us.
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>There are several others who are going to put rigs on
>the air for the first, or nearly so, time. They've
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>>time I'd have put
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>>in supposedly
>>working condition, but I guess other circumstances
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>>how reliable
>>that representation of condition was. I can turn on
>>all power to the
>>unit without any obvious problems, and the meter
>>readings seem in or
>>pretty close to the ballpark for what one would
>>expect in energized
>>but unkeyed state. The unit has tags showing it was
>>gov't
>>reconditioned in the 80's and was owned by a ham,
>>probably acquired
>>through fair radio; when I examine the rig's
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>>obvious signs of any significant mods or failed
>>components.
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>>including some other
>>military BA transmitters like an ARC-13, but it's
>>clear to me that
>>I'm a beginner compared to some on this list.
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>>My dilemma is that I usually try to be fairly
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>>problems before giving it a full workout-- but then
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>>is supposed to have lots of protective devices, and
>>meant to survive
>>hostile conditions. If I try to use the T-3 and it
>>doesn't work or
>>something minor zorches out, I will not be upset.
>>If the T-3 works
>>or even comes close to working, it will really light
>>a fire under me
>>to finish all the work I need do to finish the
>>shack, etc. But I

>>will feel like a royal dummy if I try to put the T-3
>>on the air and
>>wind up doing extensive damage as a result of not
>>having been more
>>methodical.
>>
>>Am I being too cautious if I don't just try to fire
>>it up and see
>>what happens, or would I be flirting with some
>>possible damage to
>>important/ hard to replace parts if I do a "plug in,
>>turn on, tune
>>per manual, key microphone"
>>
>>[PLEASE NOTE: please reply on-list or to my other
>>e-mail at
>>kd1yt@...; in the coming week I won't have
>>access to the e-
>>mail that this yahoogroup account is under; yes,
>>I'll change that
>>eventually]
>>
>>Thanks & happy holidays
>>73
>>Trevor
>>KD1YT
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>>>* * * *
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>
>
>_____
>Do you Yahoo!?
>Yahoo! Mail Plus - Powerful. Affordable. Sign up now.
>http://mailplus.yahoo.com
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>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
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>

[Non-text portions of this message have been removed]

# 1600. Re: [T-368_BC-610] [smoke test combined with?] 3rd Annual Heavy Metal Rally!!

Yahoo group: T-368_BC-610
Date: 2002-12-29 20:43:33 UTC
From: Joe Foley
Topic: 1556  Message: 1600

--- Gene Beckwith <jtone@...> wrote:
> Joe,
>
> Made It . . . Made several contacts on the Boat
> Anchor Rally and did it
> with a very bad voice due to a case of the Flu...
>
> But, were on and the T-3 is getting great
> reports....all on 160 meters
> at or near 1885 . . .
++++++++++
This guy should get an award for perseverence, the
degree of difficulty was right up there.

He's been working for months to get this rig on the
air and get an antenna up.

The flu was NOT going to stop him!!!

Well done, Gene!!

Joe KG2CI

_____
Do you Yahoo!?
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http://mailplus.yahoo.com

# 1601. for saye

Yahoo group: T-368_BC-610
Date: 2002-12-30 00:45:04 UTC
From: K5JV
Topic: 1601  Message: 1601

Greetings to all,

I just opened the crate and removed the last of my crated BC-610's. This one was originally an "F" model that was converted in 1966 to a T-213/GRC26. From the enclosed paperwork, it appears that this case has not been opened since that date. It is different from the other T-213's that I have had in that the balanced feed line connectors were not removed in the conversion/re-nomenclature. This transmitter will clean up to be an extremely nice BC-610/T-213. I will sell it as is, or cleaned up and operating complete with a full set of good coils, tuning units and original power/interconnecting cables. As is, complete $2,500. Cleaned and tested, $3,500. Will consider delivery anywhere in the original 48 for cost of gasoline.

I have another T-213 that I have been operating for the last few years. It is different from the one above in that the front panel is hand lettered and the balanced feed has been removed. This is a very clean, good working transmitter. I will sell it as a complete, operating set for $2,000 and will consider similar delivery options.

I have one extremely nice "E" model as a complete set, $2,500. I have a couple of working, fixer-uppers that I will sell in the $700 to $1,000, depending upon options.

73 de Lon W. Cottingham, K5JV

1110 Golden Bear Ln.
Kingwood, TX 77339
281-358-4207
281-433-7532 Cell

# 1602. Re: [T-368_BC-610] [smoke test combined with?] 3rd Annual Heavy Metal Rally!!

Yahoo group: T-368_BC-610
Date: 2002-12-30 02:13:11 UTC
From: Gene Beckwith
Topic: 1556  Message: 1602

Hi Joe and Heavy Metal Gents!

Yes, the thorat is still giving off sounds that would put a Buffalo to shame . . . no Highs...maybe should have used an equalizer...but, anyway...I made it and am looking forward to fine tuing the set up so it's a bit smoother to operate...plus hope to add some kind of scope monitor and in line swr monitor...Wow...really flying blind, but Yep...I'm on with a true Heavy Metal Machine...and looking forward to te next event whatever it turns out to be....

Joe special thanks for injecting much spirt and good humor to the reflector...and keeping me on track!

Best of New Years to all and see u on 160 M's...

73,

Gene

Joe Foley wrote:

>--- Gene Beckwith <jtone@...> wrote:
>
>>Joe,
>>
>>Made It . . . Made several contacts on the Boat
>>Anchor Rally and did it
>>with a very bad voice due to a case of the Flu...
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>degree of difficulty was right up there.
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>He's been working for months to get this rig on the
>air and get an antenna up.
>
>The flu was NOT going to stop him!!!
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>Well done, Gene!!
>
>Joe KG2CI

>
>_____
>Do you Yahoo!?
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>
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>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
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>

[Non-text portions of this message have been removed]

# 1603. RE: [T-368_BC-610] [smoke test combined with?] 3rd Annual Heavy Metal Rally!!

Yahoo group: T-368_BC-610
Date: 2002-12-30 15:25:28 UTC
From: Tom Mackie
Topic: 1556  Message: 1603

Gene,

Get over the flu.
Congrats on the T-3. Can you operate on 1945kc? I have a little antenna trouble with 1885 (soon to be solved) but I would like to hear from you and have a T-368 to T-368 QSO.

Let us know where you will be hanging out and maybe we can get the entire reflector mob on the air one night this week.

73
Tom
W2ILA

-----Original Message-----
From: Gene Beckwith [mailto:jtone@...]
Sent: Sunday, December 29, 2002 9:13 PM
To: Joe Foley
Cc: t-368_bc-610@yahoogroups.com
Subject: Re: [T-368_BC-610] [smoke test combined with?] 3rd Annual Heavy Metal Rally!!

Hi Joe and Heavy Metal Gents!

Yes, the thorat is still giving off sounds that would put a Buffalo to shame . . . no Highs...maybe should have used an equalizer...but, anyway...I made it and am looking forward to fine tuing the set up so it's a bit smoother to operate...plus hope to add some kind of scope monitor and in line swr monitor...Wow...really flying blind, but Yep...I'm on with a true Heavy Metal Machine...and looking forward to te next event whatever it turns out to be....

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73,

Gene

Joe Foley wrote:

>--- Gene Beckwith <jtone@...> wrote:
>
>>Joe,
>>

>>Made It . . . Made several contacts on the Boat
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>_____
>Do you Yahoo!?
>Yahoo! Mail Plus - Powerful. Affordable. Sign up now.
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>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
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>

[Non-text portions of this message have been removed]

Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 1604. House service neutral?

Yahoo group: T-368_BC-610
Date: 2003-01-01 04:20:28 UTC
From: redmenaced <redmenaced@yahoo.com>
Topic: 1604  Message: 1604

Happy New Year everyone!

During the discussions of the size circuit needed to run a transmitter such as a T-368/BC-610 one important item was overlooked. That is the condition of the neutral wire going from the panel out to the pole. Many times this is allowed to deteriorate to the point where it is no longer safe to carry such a large 120 volt load. In an overhead service the neutral is the group of wires wrapped around the two hot wires inside the service entrance cable. If the covering of this cable has disappeared, for whatever reason, those wires are open to corrosion damage which may not take long to cause them to disappear altogether! This is often not considered by the average homeowner.

What will happen if this fails is that 240 volts will be acrossed all of the 120 volt circuits with the appliances making a voltage divider. What voltage each appliance sees will be determined by its impedance. Some will go POOF, some will just get hot enough to burn the house down.

A 21 amp load being cycled on and off repeatedly will certainly stress an already weak neutral.

ALL newer houses, I mean 30 years old, have aluminum service entrance cables! They haven't made copper service entrance cable in 40 years! How long has it been since the bolts in your panel and meter socket were tightened? Are they tight enough to pass enough current to trip the breaker? Got any "blue" terminals? Melted plastic? Smoke trails up the siding?

If its not moving, GROUND IT!!,..... does your service actually HAVE a ground?

Joe

# 1605. Re: [T-368_BC-610] House service neutral?

Yahoo group: T-368_BC-610
Date: 2003-01-01 04:42:56 UTC
From: Gene Beckwith
Topic: 1604  Message: 1605

Joe and Gents,

Yikes....not sure if I'm going to sleep too good tonight...guess I better do some checking 'cause the T-3 is getting some good rpts down here on 160 currently in QSO with Haggertown, Md, Townsend, Mass; and Greenbay, Wis....even with nasty QRN the sigs are big and 100 % ...

Seriously, I will be doing some checking . . . House was blt in '74 . . .

73,

Gene

redmenaced wrote:

>Happy New Year everyone!
>
>During the discussions of the size circuit needed to run a
>transmitter such as a T-368/BC-610 one important item was
>overlooked. That is the condition of the neutral wire going from the
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>If the covering of this cable has disappeared, for whatever reason,
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>cause them to disappear altogether! This is often not considered by
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>Joe
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>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
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>
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>

[Non-text portions of this message have been removed]

# 1606. Re: [T-368_BC-610] [smoke test combined with?] 3rd Annual Heavy Metal Rally!!

Yahoo group: T-368_BC-610
Date: 2003-01-01 06:48:19 UTC
From: Gene Beckwith
Topic: 1556  Message: 1606

Tom,

My T-3 operations are really new and station is just starting to smooth our....not sure if I can tune to 1945 ? will have to experimient with the tuner...

Just now set up for 1885 plus or minus a bit...will do a bit of experimenting and advise...but now monitoring the 1885 window whenever I'm in the shack...

Sure hope this stuff holds together for a little...so I can get some more gear up and running...

btw have you heard of the N9FOY mods for the T-3? Mostly audio mods but heard about them and wonder what they are all about...? You can tell I'm climing the learning curve...suppose this is old info....

73,

Gene

Tom Mackie wrote:

>Gene,
>
>Get over the flu.
>Congrats on the T-3. Can you operate on 1945kc? I have a little antenna trouble with 1885 (soon to be solved) but I would like to hear from you and have a T-368 to T-368 QSO.
>
>Let us know where you will be hanging out and maybe we can get the entire reflector mob on the air one night this week.
>
>73
>Tom
>W2ILA
>
>-----Original Message-----
>From: Gene Beckwith [mailto:jtone@...]
>Sent: Sunday, December 29, 2002 9:13 PM
>To: Joe Foley
>Cc: t-368_bc-610@yahoogroups.com
>Subject: Re: [T-368_BC-610] [smoke test combined with?] 3rd Annual Heavy
>Metal Rally!!
>
>

>Hi Joe and Heavy Metal Gents!
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>>The flu was NOT going to stop him!!!
>>
>>Well done, Gene!!
>>
>>Joe KG2CI
>>
>>_____
>>Do you Yahoo!?
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>>http://mailplus.yahoo.com
>>
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>[Non-text portions of this message have been removed]
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>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
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>.
>

[Non-text portions of this message have been removed]

# 1607. T-368 N9FOY Mods

Yahoo group: T-368_BC-610
Date: 2003-01-01 11:07:43 UTC
From: Jerry Kincade
Topic: 1607  Message: 1607

Gene, check out http://home.maine.rr.com/bhowes/t368.htm and click on the N9FOY link. My Bendix T-368C is waiting checkout and lightoff, the next project after I finish the second R-390A I'm currently doing. My T-3 was formerly owned and operated by Tom, N5AMA, of AM fame. I'm hoping it will fly when it gets some juice, but haven't plugged it in yet. Maybe we can talk T-3 to T-3 one of these days.
73, Jerry W5KP Mustang, OK

----- Original Message -----
From: "Gene Beckwith" <jtone@...>
To: "Tom Mackie" <Tom_Mackie@...>
Cc: "Joe Foley" <redmenaced@...>; <t-368_bc-610@yahoogroups.com>
Sent: Wednesday, January 01, 2003 12:48 AM
Subject: Re: [T-368_BC-610] [smoke test combined with?] 3rd Annual Heavy Metal Rally!!

> Tom,
>
> My T-3 operations are really new and station is just starting to smooth
> our....not sure if I can tune to 1945 ? will have to experimient with
> the tuner...
>
> Just now set up for 1885 plus or minus a bit...will do a bit of
> experimenting and advise...but now monitoring the 1885 window whenever
> I'm in the shack...
>
> Sure hope this stuff holds together for a little...so I can get some
> more gear up and running...
>
> btw have you heard of the N9FOY mods for the T-3? Mostly audio mods but
> heard about them and wonder what they are all about...? You can tell
> I'm climing the learning curve...suppose this is old info....
>
> 73,
>
> Gene
>

# 1608. RE: [T-368_BC-610] [smoke test combined with?] 3rd Annual Heavy Metal Rally!!

Yahoo group: T-368_BC-610
Date: 2003-01-01 15:57:12 UTC
From: Tom Mackie
Topic: 1556  Message: 1608

Gene,

Sri I missed you last night. I'll do more listening on 1885 tonight so we can run T-3 to T-3. I can fool the T-3 into liking my antenna system. I checked Bruces website but could not bring up the N9FOY mods so I'm not sure what they are.

73
Tom
W2ILA

-----Original Message-----
From: Gene Beckwith [mailto:jtone@...]
Sent: Wednesday, January 01, 2003 1:48 AM
To: Tom Mackie
Cc: Joe Foley; t-368_bc-610@yahoogroups.com
Subject: Re: [T-368_BC-610] [smoke test combined with?] 3rd Annual Heavy Metal Rally!!

Tom,

My T-3 operations are really new and station is just starting to smooth our....not sure if I can tune to 1945 ? will have to experimient with the tuner...

Just now set up for 1885 plus or minus a bit...will do a bit of experimenting and advise...but now monitoring the 1885 window whenever I'm in the shack...

Sure hope this stuff holds together for a little...so I can get some more gear up and running...

btw have you heard of the N9FOY mods for the T-3? Mostly audio mods but heard about them and wonder what they are all about...? You can tell I'm climing the learning curve...suppose this is old info....

73,

Gene

Tom Mackie wrote:

Gene,

Get over the flu.
Congrats on the T-3. Can you operate on 1945kc? I have a little antenna trouble with 1885 (soon to be solved) but I would like to hear from you and have a T-368 to T-368 QSO.

Let us know where you will be hanging out and maybe we can get the entire reflector mob on the air one night this week.

73
Tom
W2ILA

-----Original Message-----
From: Gene Beckwith [ mailto:jtone@...]
Sent: Sunday, December 29, 2002 9:13 PM
To: Joe Foley
Cc: t-368_bc-610@yahoogroups.com
Subject: Re: [T-368_BC-610] [smoke test combined with?] 3rd Annual Heavy Metal Rally!!

Hi Joe and Heavy Metal Gents!

Yes, the thorat is still giving off sounds that would put a Buffalo to shame . . . no Highs...maybe should have used an equalizer...

but,
anyway...I made it and am looking forward to fine tuing the set up so it's a bit smoother to operate...plus hope to add some kind of scope monitor and in line swr monitor...Wow...really flying blind, but Yep...I'm on with a true Heavy Metal Machine...and looking forward to te next event whatever it turns out to be....

Joe special thanks for injecting much spirt and good humor to the reflector...and keeping me on track!

Best of New Years to all and see u on 160 M's...

73,

Gene

Joe Foley wrote:

--- Gene Beckwith <mailto:jtone@...> <jtone@...> wrote:

Joe,

Made It . . . Made several contacts on the Boat
Anchor Rally and did it
with a very bad voice due to a case of the Flu...

But, were on and the T-3 is getting great
reports....all on 160 meters
at or near 1885 . . .

++++++++++
This guy should get an award for perseverence, the
degree of difficulty was right up there.

He's been working for months to get this rig on the
air and get an antenna up.

The flu was NOT going to stop him!!!

Well done, Gene!!

Joe KG2CI

_____
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[Non-text portions of this message have been removed]

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# 1609. Re: [T-368_BC-610] T-368 N9FOY Mods

Yahoo group: T-368_BC-610
Date: 2003-01-01 16:47:44 UTC
From: w7qho@aol.com
Topic: 1607  Message: 1609

In a message dated 1/1/03 3:09:34 AM, w5kp@... writes (in part):

> ....check out http://home.maine.rr.com/bhowes/t368.htm and click on the
> N9FOY link.
>

Doesn't seem to be anything there (?)

Also, in regard to the WA1HLR mods described at this site, it has been found that neither the B&W 800 nor the National 175 have enough inductance for 160M. There was a thread on this a while back.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 1610. T-368 Parts for sale

Yahoo group: T-368_BC-610
Date: 2003-01-03 04:26:26 UTC
From: James M. Walker
Topic: 1610  Message: 1610

Hello fellow Heavy lifters,

I have available the following parts:

High Voltage transformer for Basic model, has dual primary, secondary is
5670 VAC CT. 200.00 plus Shipping.

High voltage supply Choke 11 Hy, 500 MA. 125.00 plus shipping.

2 each 4 uF 4KVDC oil filled caps 75.00 plus shipping.

80K 200 watt resistor, 20.00 plus shipping

Modulation transformer for T-368 Basic model, pri. 20300Z to 9100Z
secondary, 150.00 plus shipping.

All of these items are NOS but the transformers have been repainted.
The choke and the modulation transformer come with the spark gap
terminals
and hardware for same.

Thank you for reading this!
Jim
WB2FCN
http://eshop1.chem.buffalo.edu

# 1611. Find Your Like-minds in Your Area

Yahoo group: T-368_BC-610
Date: 2003-01-03 05:29:00 UTC
From: taro022002 <taro022002@yahoo.com>
Topic: 1611  Message: 1611

Would you like to meet other like-minded friends?

One Fantastic & Free to Join is MilitaryFriends.

MilitaryFriends.com is the premier online dating service exclusively
for singles from Army, Navy, Air Forces, Coast Guard, Police Forces
and Firefighters, as well as their admirers.

http://www.MilitaryFriends.com/i/3

Please tell your friends about us - the more people we have in our
membership, the more fun it will be for all!

# 1612. T-368 Parts for sale

Yahoo group: T-368_BC-610
Date: 2003-01-03 06:16:11 UTC
From: James M. Walker
Topic: 1610  Message: 1612

Hello fellow Heavy lifters,

I have a continuation of available parts as follows:

2 each 5933 NOS TUNG - SOL 30.00 plus shipping.

2 each 5933 NOS Sylvania 30.00 plus shipping.

1 each shield cover (Black Metal) for PA tube 4-400A 15.00 plus
shipping.

3 each porcelain tube sockets, for 4-400A and 4-125A tubes with paper
spacing washers and tube base clips (4 each socket) 30.00 plus shipping.

I1 and I2 Blown Fuse indicators NOS 10.00 plus shipping.

1 HV 1 Fil pilot lamps with, lamps(2) Jeweled lenses (red & green)
and 2 each holders for screw in base lamps above.

1 L2 coil 7uH, that is the large porcelain form with taps 50.00 plus
shipping.

1 C6 vacuum variable capacitor 300 pF 10 KV UCS type 150.00 plus
shipping.

1 L1 coil .2uH parasitic coil for 4-400A 5.00 plus shipping.

1 L3 RFC 1.1 mH 1000 ma (1 amp) 15.00 plus shipping

1 pair of Johnson 4 pin sockets, mounted on bakelite base, with
stand-offs
for mounting to chassis with two(2) 3B28 tubes NOS 75.00 plus shipping.

I also have the Modulator bias and the filament adjust pots 15 ohm and
10K ohm NOS 40.00 for the pair plus shipping.

The NOS items are spares stock for the T-368 series transmitters.

Thank you for reading this!
Jim
WB2FCN
http://eshop1.chem.buffalo.edu

# 1613. RE: [T-368_BC-610] Find Your Like-minds in Your Area

Yahoo group: T-368_BC-610
Date: 2003-01-03 15:31:13 UTC
From: Trevor Lewis
Topic: 1611  Message: 1613

Shucks; what good is this without a category for those with an inexplicably strong magnetic attraction to large ferrous objects ?!

>8-)

73 de KD1YT

-----Original Message-----
From: taro022002 <taro022002@...> [mailto:taro022002@...]
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] Find Your Like-minds in Your Area

Would you like to meet other like-minded friends?

One Fantastic & Free to Join is MilitaryFriends.

MilitaryFriends.com is the premier online dating service exclusively for singles from Army, Navy, Air Forces, Coast Guard, Police Forces and Firefighters, as well as their admirers.

http://www.MilitaryFriends.com/i/3 <http://www.MilitaryFriends.com/i/3>

Please tell your friends about us - the more people we have in our membership, the more fun it will be for all!

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<http://us.adserver.yahoo.com/l?M=234081.2814790.4175286.1925585/D=egroupmail/S=:HM/A=1327985/rand=496650939>

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[Non-text portions of this message have been removed]

# 1614. mystery tube [7527] in final

Yahoo group: T-368_BC-610
Date: 2003-01-06 02:04:37 UTC
From: kd1ytr390a <tlewis@primmer.com>
Topic: 1614  Message: 1614

Hello all--

Dug around in my T-368E this weekend looking for any apparent/ obvious physical damage/ flaws [the guy I bought it from 3 years ago let it fall over on its front panel in transit :-( ] before I move on to electrical checks.

Good news is that physical inspection shows a lot less damage than I'd have expected from when the rig took a dive. Broken knobs (already got replacements from Fair Radio), broken mic connector on front of Modulator Deck (anyone have an extra or know a source; Fair Radio is out), and a good size ding in the RF deck right under the model/ ID tag. But, amazingly, _no_ other apparent damage inside or out. Another testament to what a robustly built item the T-3 is.

But I am puzzled at the tube I found for a final tube It is labeled "Eimac 7527" It does appear to be a tetrode, with internal structure looking a lot like a 4-400. Except the base has no ceramic or metal base structure as I've always seen on 4-400s; instead, the pins simply come straight out of the glass as is the case on a 3-500z. The real prior owner of the rig is a silent key, and the guy [dealer] who I bought the rig from is-- [bite tongue to avoid libel/ slander]-- in my _opinion_ not all that likely to be available, helpful or accurate. I looked quickly in some of my old books with transmitting tube data, and also ran some google searches for the 7527, but have not found much. Data I found at
http://www.wps.com/archives/tube-datasheets/
seems to suggest that the 7527 is similar but not identical to the 4-400, with the 7527 requiring less negative grid bias voltage, having less grid dissipation, and despite having a 400W plate dissipation, seemingly not being able to belt out as many output watts as a 4-400, due to plate current being limited to 270ma instead of 350 ma for the 4-400.

Anyone know anything about the 7527 or its suitability as a substitute for the 4-400 when used in a T-3 ?? I don't have a 4-400 on hand at the moment. Since I already have the 7527, it doesn't bother me if it lives a shortened life in the T-3, as long as it isn't likely to do the T-3 any long-lasting harm.

Thanks & 73
Trevor
KD1YT

# 1615. Re: WorldNetDaily: British editorial slams gun control

Yahoo group: T-368_BC-610
Date: 2003-01-09 01:35:14 UTC
From: Joe Foley
Topic: 1615  Message: 1615

--- Gene Beckwith <jtone@...> wrote:
> Hi Joe,
>
> Btw...u will enjoy this...was in qso with the T-3
> the other night in the
> ice storm....and was lucky was watching the T-3
> plate current...It got
> recall flaky, going high, then low...then staying
> low...ooops
> ....grabbed the switch and shut down...so...what to
> do?
>
> First instinct was to check antenna swr...and
> yep...it was all over the
> place...so wx was bad, it was dark and and didn't
> trouble shoot until
> today....
>
> The story is simple and fantastic!! I use 600 open
> wire feeders with
> PVC six inch spreaders....When I rebuilt my 80 meter
> V this past summer,
> all spreaders looked good after nearly for years up
> in the
> sun....but...found that they tend to collect "Bugs"
> . ..some kind of
> 'critters' like to make nests in the open ends of
> the spreaders and fill
> the whole thing up with a nest...
>
> So, rebuilt and sealed the ends of the spreader with
> calk...so far so
> good with about 350 to 400 watts out of my Johnson
> Vik 500....
>
> But...on 160 ... Got the T-3 on line and made some
> great contacts...then
> the situation above...
>
> Well, checked this afternoon...and WOW!! smoked one
> of the
> spreaders...real big time...looks like it literally
> 'exploded'
> something like a cartoon Cigar that looks exploded
> on both ends!! Then

> with further checking ...found another one that had
> developed carbon
> paths so that the surface of the PVC looks like
> "Moles" running around
> under the surface of the plastic...
> It too is partially chard and is why the swr is
> flaky 'cause it was
> still across the feeders...
>
> Clipped of the burnt stuff about an hour
> ago...getting ready to check
> swr and bring T-3 on line again if tuning looks ok
> ....
>
> Good grief!! It would have been a real show to see
> those spreaders go
> off in the night in that ice storm...and a real
> testimony to the need
> for real "husky" engineering when one plays with the
> big iron....have
> been reading and hearing these kinds of stories from
> the guys below 500
> Kc...using 400 watts out the door...I wondered it
> one could see the
> effects at 160 and the same power levels....
>
> Well, I guess I found out....
>
> So, as in all things heavy and nasty....will replace
> the crispy
> spreaders with fresh stuff and seal the ends against
> moisture and bugs
> on the 160 feeder...a lot of work, but great fun to
> learn about the
> world of Heavy Iron and powers that make the Green
> Guys...really
> irritated...
>
>
> Probably should post this to the reflector...and
> other "Masters of the
> Big Iron." Maybe u could post if you think it's
> worthwhile...
>
> 73,
>
> Gene

_____
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http://mailplus.yahoo.com

# 1616. I am needing a BLU generator adapter unit.

Yahoo group: T-368_BC-610
Date: 2003-01-13 13:24:11 UTC
From: f6fed
Topic: 1616  Message: 1616

Happy New Year at all.

I am needing a BLU generator adapter unit HAETHKIT model SB-10.

An other model is possible, but the power output of 5 watts at least is necessary, and also the Manual.

With this unit an AM transmitter work in SSB or LSB mode.

Best 73 and thanks.

Henri-Paul F6FED

[Non-text portions of this message have been removed]

# 1617. An Stunning Dating Site Where Military Singles Click

Yahoo group: T-368_BC-610
Date: 2003-01-15 10:12:17 UTC
From: taro022002 <taro022002@yahoo.com>
Topic: 1617  Message: 1617

Would you like to meet other like-minded friends?

One Fantastic & Free to Join is MilitaryFriends.

MilitaryFriends.com is the premier online dating service exclusively
for singles from Army, Navy, Air Forces, Coast Guard, Police Forces
and Firefighters, as well as their admirers.

If you are really looking for someone -- this site is for you!

http://www.MilitaryFriends.com/i/3

Please tell your friends about us - the more people we have in our
membership, the more fun it will be for all!

# 1618. Aw, too bad!

Yahoo group: T-368_BC-610
Date: 2003-01-15 18:05:55 UTC
From: redmenaced <redmenaced@yahoo.com>
Topic: 1618  Message: 1618

taro022002 and a few others have been removed from the list!

# 1619. Re: [T-368_BC-610] Aw, too bad!

Yahoo group: T-368_BC-610
Date: 2003-01-15 18:40:28 UTC
From: tbigelow@pop.state.vt.us
Topic: 1618  Message: 1619

Aw, shucks! Now how am I gonna git a date??

Guess I'll gist go back to the radios....

Boomer (o:

"redmenaced " wrote:

> taro022002 and a few others have been removed from the list!
>

# 1620. D Day commemoration

Yahoo group: T-368_BC-610
Date: 2003-01-17 21:11:00 UTC
From: N6WIG
Topic: 1620  Message: 1620

Got an email from John wanting to know if anyone would be interested in participating in a D Day commemoration activity June 6 trhough the 8th. He needs to know what times and frequencies would be best for stations here in the USA. Any input from the group?

73's

Mike

**********

Dear Mike,
This year over the weekend 6 to 8th of June
I plan to set up a 40's period military wireless station at the Golden Lion Southwick village Hampshire England , the pub is well known as the unofficial officers mess from Southwick house where the entire D Day invasion was planned from. To summarise I have the place I have the equipment, I have the operators to use it.

What I would like is participation from your
side of the pond please and some advice as to what times and frequencies will give us the best chance of a contact.

Best regards

John

? ?/// ? ? ?<mikhael@...>
? ? | ?Collector of Military and Vintage
? ?/|\ ? ? commuications equipment.
? N6WIG ? ? ? ?San Jose
AAR9MX

# 1621. lost info

Yahoo group: T-368_BC-610
Date: 2003-01-18 16:10:01 UTC
From: k5jv
Topic: 1621  Message: 1621

Will the gentlemen in the Minneapolis's area who wants the BC-610 fixer-upper delivered half way, please contact me by replying to this message. I have pictures ready to send but have lost the address due to a hard drive failure.

73 de Lon W. Cottingham, K5JV

1110 Golden Bear Ln.
Kingwood, TX 77339
281-358-4207
281-433-7532 Cell

# 1622. for sale

Yahoo group: T-368_BC-610
Date: 2003-01-19 14:08:13 UTC
From: k5jv
Topic: 1622  Message: 1622

Greetings to all,

Cleaning house found extra, new name plates. $50 each post paid:

3 T-368/URT, Order No. 25633-PHILA-53, Barker & Williamson Inc.
SR# blank.

3 E.F. Johnson Desk Kilowatt SR# blank
73 de Lon W. Cottingham, K5JV

1110 Golden Bear Ln.
Kingwood, TX 77339
281-358-4207
281-433-7532 Cell

# 1623. J8 for T-368 RF Deck

Yahoo group: T-368_BC-610
Date: 2003-01-21 05:23:49 UTC
From: W6PSS@aol.com
Topic: 1623  Message: 1623

Gentlemen:
In need of a few Chassis mounted J8 jacks.
J8 is located on RF Deck chassis and receives
plug P101 from chassis of Exciter(oscillator/
multiplier subassembly) that is positioned in front of J8. It's ok if P101
accompanies J8.
Also, does anyone know if these items still among
inventory of mfr.? Thanks for checking. 73,
David, W6PSS

[Non-text portions of this message have been removed]

# 1624. Re: [T-368_BC-610] J8 for T-368 RF Deck

Yahoo group: T-368_BC-610
Date: 2003-01-21 21:36:24 UTC
From: K3PID
Topic: 1623  Message: 1624

I don't have my T-368 YET!! ($%#+$&*^%$#) but maybe this year??? Anyway, I do have a pretty good assortment of connectors (plug & jacks) but have no way to identify J8.... Any other numbers? Any chance you can send a picture? If I have a match you are welcome to it.

Ron H - K3PID

[Non-text portions of this message have been removed]

# 1625. Re: [T-368_BC-610] J8 for T-368 RF Deck

Yahoo group: T-368_BC-610
Date: 2003-01-22 00:58:59 UTC
From: W6PSS@aol.com
Topic: 1623  Message: 1625

[Unable to display image]
Ron, Thanks agreeing to search your assortment for J8. I don't have a J8 receptacle to show you but above is photo of the P101 Plug that mates with J8. Dimension of the plug end above is 1 1/2 X 13/16 inches. These harness connectors were manufactured by AMPHENOL.. Good luck your search and thanks again. David
W6PSS, Ramona CA

[Non-text portions of this message have been removed]

# 1626. RE: [T-368_BC-610] J8 for T-368 RF Deck

Yahoo group: T-368_BC-610
Date: 2003-01-22 13:48:22 UTC
From: Trevor Lewis
Topic: 1623  Message: 1626

I've found Robert Downs, WA5CAB to be an excellent source of many sorts of connectors that seem to be hard to find anywhere else. He also offers original (where he has them) and high quality reproduction TM manuals at what I think are reasonable prices. He can be reached at: WA5CAB@... <mailto:WA5CAB@...> I have no financial interest in his products, etc., I'm just a happy customer who has appreciated his help.

73

de

Trevor KD1YT

-----Original Message-----
From: K3PID [mailto:k3pid@...]
Sent: Tuesday, January 21, 2003 4:36 PM
To: T-368_BC-610@yahoogroups.com; W6PSS@...
Subject: Re: [T-368_BC-610] J8 for T-368 RF Deck

I don't have my T-368 YET!! ($%#+$&*^%$#) but maybe this year??? Anyway, I do have a pretty good assortment of connectors (plug & jacks) but have no way to identify J8.... Any other numbers? Any chance you can send a picture? If I have a match you are welcome to it.

Ron H - K3PID

[Non-text portions of this message have been removed]

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<http://us.adserver.yahoo.com/l?M=241773.2861420.4212388.1925585/D=egroupmail/S=:HM/A=1394045/rand=990645064>

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[Non-text portions of this message have been removed]

# 1627. No Subject

Yahoo group: T-368_BC-610
Date: 2003-01-25 21:23:08 UTC
From: w7qho@aol.com
Topic: 1627  Message: 1627

All,

The 2003 meeting of the Military Radio Collectors Group (MRCG) will be held again at Ft. MacArthur, San Pedro. CA on 1, 2 and 3 May (Thurs., Fri. and Sat.). Please mark your calendars. Events will include exhibits and demonstrations of vintage military radio equipment, technical presentations and operating activities. More detailed information to follow.

Dennis DuVall, W7QHO
Glendale, CA
818-240-7907

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 1628. Calibration book pictures

Yahoo group: T-368_BC-610
Date: 2003-01-26 01:01:21 UTC
From: redmenaced <redmenaced@yahoo.com>
Topic: 1628  Message: 1628

Hi All,

I just uploaded pictures of a Calibration Book that some lucky list member just bought on E-bay, just in case anyone hasn't ever seen one. This is the book that fits into the pocket on the side of the transmitter for a handy reference in tuning the variable caps when changing bands.

The pictures are on the homepage for this list, approximately here:

http://photos.groups.yahoo.com/group/t-368_bc-610/lst?.dir=/calbook&.src=gr&.order=&.view=t&.done=http%3a//briefcase.yahoo.com/

Sure wish I could find a pile of these somewhere!

Joe KG2CI

# 1629. Re: [T-368_BC-610] Calibration book pictures

Yahoo group: T-368_BC-610
Date: 2003-01-26 13:47:02 UTC
From: Scott Seickel
Topic: 1628  Message: 1629

Maybe somebody can do some high quality scans so we can
make our own books. Can we get a count of how many folks
here would want one of these? It might be worth making a small
run of reproductions.

Scott

----- Original Message -----
From: redmenaced <redmenaced@...>
To: T-368_BC-610@yahoogroups.com
Sent: Saturday, January 25, 2003 8:01 PM
Subject: [T-368_BC-610] Calibration book pictures

Hi All,

I just uploaded pictures of a Calibration Book that some lucky list
member just bought on E-bay, just in case anyone hasn't ever seen
one. This is the book that fits into the pocket on the side of the
transmitter for a handy reference in tuning the variable caps when
changing bands.

The pictures are on the homepage for this list, approximately here:

http://photos.groups.yahoo.com/group/t-368_bc-
610/lst?.dir=/calbook&.src=gr&.order=&.view=t&.done=http%
3a//briefcase.yahoo.com/

Sure wish I could find a pile of these somewhere!

Joe KG2CI

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[Non-text portions of this message have been removed]

# 1630. Re: [T-368_BC-610] Calibration book pictures

Yahoo group: T-368_BC-610
Date: 2003-01-26 14:17:27 UTC
From: k5jv
Topic: 1628  Message: 1630

Greetings to all,

The discussion on the ""Calibration Book" has me wondering. Are you talking BC-610 or the T-368? The 610 used a set of individual calibration charts, not a book. Some were plastic laminated, some were not. They were specific for each model. I have several different sets that I could make available for duplication. If this is to be done, it should be done fairly quickly because I have sent out four BC-610's this month, each with a complete set of proper tuning charts. The supply is limited.

All of the T-368's have gone. I still have some parts (also for the BC-610). All of the BC-610's have gone with the exception of three restoration projects still on going: an "E", "F", and "I" model. One or two of these will be available by Dayton. These will be extremely nice transmitters with new silk-screening, case and rack painting on the "F" and "I" models. They will include speech amps and BC-939 tuners. One of the 939's is navy blue to match the T-368.

73 de Lon W. Cottingham, K5JV

1110 Golden Bear Ln.
Kingwood, TX 77339
281-358-4207
281-433-7532 Cell

# 1631. Calibration books, again

Yahoo group: T-368_BC-610
Date: 2003-01-26 18:06:37 UTC
From: redmenaced <redmenaced@yahoo.com>
Topic: 1631  Message: 1631

At one time I contacted Bob Downs about getting the T-368 calibration book reproduced but there wasn't much interest so I didn't persue it. He seriously considered it so it isn't completely foreign to him, and he does good work, too.

How 'bout it? Should we persue getting this and Lon's BC-610 calibration sheets reproduced?

This is the largest gathering of people using these transmitters, if its going to get done it will be done by us, there certainly isn't any other group that has enough interest in it.

Certailny if we do it there will be others that will want them outside of this group but there has to be a large enough interested party to get it started.

Joe

# 1632. Re: [T-368_BC-610] Calibration books, again

Yahoo group: T-368_BC-610
Date: 2003-01-26 18:24:38 UTC
From: wa5cab@cs.com
Topic: 1631  Message: 1632

Joe & Group,

I had been wondering whether this was the same Summary of Tuning Instructions that I have an original of and that you and I talked about reprinting quite some time ago. It shouldn't be difficult to do. However, I am upgrading my scanner/printer/copier tomorrow supposedly, and if it's like it was when I got the DC-230, there will be a "learning curve" :-)

Also, I have two or three sets of BC-610 tuning chart sets as well. Believe that Lon said he had four. Maybe mine won't be all dups of what he has.

In a message dated 1/26/2003 12:07:47 PM Central Standard Time,
redmenaced@... writes:
> At one time I contacted Bob Downs about getting the T-368 calibration
> book reproduced but there wasn't much interest so I didn't persue
> it. He seriously considered it so it isn't completely foreign to
> him, and he does good work, too.
>
> How 'bout it? Should we persue getting this and Lon's BC-610
> calibration sheets reproduced?
>

73
Robert Downs
Houston
<wa5cab@...>

[Non-text portions of this message have been removed]

# 1633. Re: [T-368_BC-610] Calibration books, again

Yahoo group: T-368_BC-610
Date: 2003-01-26 20:29:10 UTC
From: Scott Seickel
Topic: 1631  Message: 1633

Count me in for a t-368 book. If a reproduction run does not
work out, I would appreciate someone doing some high quality scans,
or loaning me their book for me to scan. It is easy enough for me to print the
pages, laminate them and have them spiral bound.

Scott

----- Original Message -----
From: redmenaced <redmenaced@...>
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, January 26, 2003 1:06 PM
Subject: [T-368_BC-610] Calibration books, again

At one time I contacted Bob Downs about getting the T-368 calibration
book reproduced but there wasn't much interest so I didn't persue
it. He seriously considered it so it isn't completely foreign to
him, and he does good work, too.

How 'bout it? Should we persue getting this and Lon's BC-610
calibration sheets reproduced?

This is the largest gathering of people using these transmitters, if
its going to get done it will be done by us, there certainly isn't
any other group that has enough interest in it.

Certailny if we do it there will be others that will want them
outside of this group but there has to be a large enough interested
party to get it started.

Joe

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[Non-text portions of this message have been removed]

# 1634. T-368 Calibration book

Yahoo group: T-368_BC-610
Date: 2003-01-26 20:59:17 UTC
From: commtekman@aol.com
Topic: 1634  Message: 1634

Hello
I also have an original calibration book if needed to use for reproduction-
73 Bob K6OSM

[Non-text portions of this message have been removed]

# 1635. Re: [T-368_BC-610] Calibration books, again

Yahoo group: T-368_BC-610
Date: 2003-01-26 22:16:17 UTC
From: Jerry Kincade
Topic: 1631  Message: 1635

Me, too, please...
Jerry W5KP

----- Original Message -----
From: "Scott Seickel" <polaraligned@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Sunday, January 26, 2003 2:29 PM
Subject: Re: [T-368_BC-610] Calibration books, again

>
> Count me in for a t-368 book. If a reproduction run does not
> work out, I would appreciate someone doing some high quality scans,
> or loaning me their book for me to scan. It is easy enough for me to
print the
> pages, laminate them and have them spiral bound.
>
> Scott
>
>
>
>
>
>
>
> ----- Original Message -----
> From: redmenaced <redmenaced@...>
> To: T-368_BC-610@yahoogroups.com
> Sent: Sunday, January 26, 2003 1:06 PM
> Subject: [T-368_BC-610] Calibration books, again
>
>
> At one time I contacted Bob Downs about getting the T-368 calibration
> book reproduced but there wasn't much interest so I didn't persue
> it. He seriously considered it so it isn't completely foreign to
> him, and he does good work, too.
>
> How 'bout it? Should we persue getting this and Lon's BC-610
> calibration sheets reproduced?
>
> This is the largest gathering of people using these transmitters, if
> its going to get done it will be done by us, there certainly isn't
> any other group that has enough interest in it.
>
> Certailny if we do it there will be others that will want them
> outside of this group but there has to be a large enough interested

> party to get it started.
>
> Joe
>
>
>
>
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>
> [Non-text portions of this message have been removed]
>
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>
>
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>
>
>

# 1636. Tuning Chart

Yahoo group: T-368_BC-610
Date: 2003-01-26 22:56:33 UTC
From: aa9wq <aa9wqham@aol.com>
Topic: 1636  Message: 1636

I also have a the small tuning chart that is in very good condition.
I don't want to get rid of it but I would be glad to do a high
quality scan of it for anyone that would like a copy. It will be a
big file. I could break it up in to smaller files for those that have
limits on file sizes. NO charge just glad to help. I will can it in
the next day of so. send me a e-mail and I'll do it if there is
enough interest.
BTW.. My call has changed. It's W9AMR Short for AM Radio.. new E-Mail
is w9amr@.... I still have and will answer the old e-mail
address. 73's
Larry

# 1637. WANTED: Antenna Tuner for T-368

Yahoo group: T-368_BC-610
Date: 2003-01-27 12:49:44 UTC
From: Michael Crestohl
Topic: 1637  Message: 1637

Hi Guys!

Anyone have a nice clean antenna tuner for the T-3? Will swap or buy.

73,

Michael
W1RC

mc@...

# 1638. Re: Calibration book pictures - Question

Yahoo group: T-368_BC-610
Date: 2003-01-27 17:01:17 UTC
From: neil277@juno.com
Topic: 1638  Message: 1638

Would it be appropiate to post these charts in the files area as Acrobat files ? It could be done as a page per chart, or as a multi-page file for a book of charts for a specific model. I have Adobe Acrobat (full), but only a phone line dial-up connection which could be a little problem if the original image files are very large.

> Message: 1
> Date: Sun, 26 Jan 2003 08:47:02 -0500
> From: "Scott Seickel" <polaraligned@...>
> Subject: Re: Calibration book pictures
>
> Maybe somebody can do some high quality scans so we can
> make our own books. Can we get a count of how many folks
> here would want one of these? It might be worth making a small
> run of reproductions.
>
> Scott
>
> ----- Original Message -----
> From: redmenaced <redmenaced@...>
> To: T-368_BC-610@yahoogroups.com
> Sent: Saturday, January 25, 2003 8:01 PM
> Subject: [T-368_BC-610] Calibration book pictures
>
> Hi All,
> I just uploaded pictures of a Calibration Book that some lucky list
> member just bought on E-bay, just in case anyone hasn't ever seen
> one. This is the book that fits into the pocket on the side of the
> transmitter for a handy reference in tuning the variable caps when
> changing bands.
>
> The pictures are on the homepage for this list, approximately here:
>
http://photos.groups.yahoo.com/group/t-368_bc-610/lst?.dir=/calbook&.src
=gr&.order=&.view=t&.done=http3a//briefcase.yahoo.com/
>
> Sure wish I could find a pile of these somewhere!
>
> Joe KG2CI

73 - Neil, N4SI

# 1639. Re: [T-368_BC-610] Re: Calibration book pictures - Question

Yahoo group: T-368_BC-610
Date: 2003-01-27 18:40:22 UTC
From: Scott Seickel
Topic: 1638  Message: 1639

I don't imagine that it would be a problem if the file space
is available to hold the PDF files. I don't know how much
Yahoo allows.
I don't have a high speed connection either but maybe you can
put them on a CD and send them to someone who has a high
speed line.

Scott

----- Original Message -----
From: neil277@...
To: T-368_BC-610@yahoogroups.com
Sent: Monday, January 27, 2003 12:01 PM
Subject: [T-368_BC-610] Re: Calibration book pictures - Question

Would it be appropiate to post these charts in the files area as Acrobat
files ? It could be done as a page per chart, or as a multi-page file
for a book of charts for a specific model. I have Adobe Acrobat (full),
but only a phone line dial-up connection which could be a little problem
if the original image files are very large.

> Message: 1
> Date: Sun, 26 Jan 2003 08:47:02 -0500
> From: "Scott Seickel" <polaraligned@...>
> Subject: Re: Calibration book pictures
>
> Maybe somebody can do some high quality scans so we can
> make our own books. Can we get a count of how many folks
> here would want one of these? It might be worth making a small
> run of reproductions.
>
> Scott
>
> ----- Original Message -----
> From: redmenaced <redmenaced@...>
> To: T-368_BC-610@yahoogroups.com
> Sent: Saturday, January 25, 2003 8:01 PM
> Subject: [T-368_BC-610] Calibration book pictures
>
> Hi All,
> I just uploaded pictures of a Calibration Book that some lucky list
> member just bought on E-bay, just in case anyone hasn't ever seen
> one. This is the book that fits into the pocket on the side of the
> transmitter for a handy reference in tuning the variable caps when
> changing bands.
>

> The pictures are on the homepage for this list, approximately here:
>
http://photos.groups.yahoo.com/group/t-368_bc-610/lst?.dir=/calbook&.src
=gr&.order=&.view=t&.done=http3a//briefcase.yahoo.com/
>
> Sure wish I could find a pile of these somewhere!
>
> Joe KG2CI

73 - Neil, N4SI

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[Non-text portions of this message have been removed]

# 1640. For Sale - Antenna Tuner for T-368

Yahoo group: T-368_BC-610
Date: 2003-01-27 18:51:38 UTC
From: R.J. Mattson
Topic: 1640  Message: 1640

Hi Michael,
I have a nice clean antenna tuner. According to the schematic inside, the unit is complete. The picture makes the front look blue, but it is the same color as the pulled back cover which is mil gray. The shipping weight is 50 lb. from 12528. Anyone interested?
PICTURE: http://www.hvinet.com/rjmattson/acu
73
Bob Mattson...W2AMI
http://www.qrz.com/callsign/w2ami

----- Original Message -----
From: "Michael Crestohl" <w1rc@...>
Subject: [T-368_BC-610] WANTED: Antenna Tuner for T-368

Hi Guys!
Anyone have a nice clean antenna tuner for the T-3? Will swap or buy.
73,
Michael
W1RC

# 1641. Re: [T-368_BC-610] For Sale - Antenna Tuner for T-368

Yahoo group: T-368_BC-610
Date: 2003-01-27 19:47:32 UTC
From: James M. Walker
Topic: 1640  Message: 1641

Hi Guys,
Ah the tuner displayed is for the scr-399 as modified for radio jamming in the .9 - 18 mhz ranges using the BC-610 and amplifiers. Please note there is no band switch on the front panel to select whip, or long wire usage for the unit. Nice unit though, looks good but it is designed, read optimized for mobile operation.
Jim
WB2FCN

"R.J. Mattson" wrote:
>
> Hi Michael,
> I have a nice clean antenna tuner. According to the schematic inside, the
> unit is complete. The picture makes the front look blue, but it is the same
> color as the pulled back cover which is mil gray. The shipping weight is 50
> lb. from 12528. Anyone interested?
> PICTURE: http://www.hvinet.com/rjmattson/acu
> 73
> Bob Mattson...W2AMI
> http://www.qrz.com/callsign/w2ami
>
> ----- Original Message -----
> From: "Michael Crestohl" <w1rc@...>
> Subject: [T-368_BC-610] WANTED: Antenna Tuner for T-368
>
> Hi Guys!
> Anyone have a nice clean antenna tuner for the T-3? Will swap or
> buy.
> 73,
> Michael
> W1RC
>
>
>
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# 1642. Mil. Antenna Tuner for T-368, BC-610 and others.

Yahoo group: T-368_BC-610
Date: 2003-01-28 15:16:56 UTC
From: R.J. Mattson
Topic: 1642  Message: 1642

I have for sale a military antenna tuner that works effectively on a T-368
and BC-610. It will work with both military and civilian xmtrs that have a
standard PL-259 antenna connector. I have used it to match a t3, 610
and ranger to a 50' wire on 160/80m.
PICTURE: => http://www.hvinet.com/rjmattson/acu
It is a nice clean antenna tuner. According to the schematic inside, the
unit is complete. The picture makes the front look blue, but it is the same
color as the pulled back cover which is mil gray.
I am asking $160 plus shipping.
The shipping weight is 50 lb. from 12528 - Highland, NY
73,
Bob Mattson...W2AMI
http://www.qrz.com/callsign/w2ami

# 1643. Re: [T-368_BC-610] For Sale - Antenna Tuner for T-368

Yahoo group: T-368_BC-610
Date: 2003-01-29 17:49:23 UTC
From: Gene Beckwith
Topic: 1640  Message: 1643

Gents,

Looks great...and the family resemblance is unmistakeable....good info
the archives...

Gene
W8KXR

James M. Walker wrote:

>Hi Guys,
>Ah the tuner displayed is for the scr-399 as modified for radio jamming
>in the .9 - 18 mhz ranges using the BC-610 and amplifiers. Please note
>there is no band switch on the front panel to select whip, or long wire
>usage for the unit. Nice unit though, looks good but it is designed,
>read optimized for mobile operation.
>Jim
>WB2FCN
>
>
>"R.J. Mattson" wrote:
>
>>Hi Michael,
>>I have a nice clean antenna tuner. According to the schematic inside, the
>>unit is complete. The picture makes the front look blue, but it is the same
>>color as the pulled back cover which is mil gray. The shipping weight is 50
>>lb. from 12528. Anyone interested?
>>PICTURE: http://www.hvinet.com/rjmattson/acu
>>73
>>Bob Mattson...W2AMI
>>http://www.qrz.com/callsign/w2ami
>>
>>----- Original Message -----
>>From: "Michael Crestohl" <w1rc@...>
>>Subject: [T-368_BC-610] WANTED: Antenna Tuner for T-368
>>
>>Hi Guys!
>>Anyone have a nice clean antenna tuner for the T-3? Will swap or
>>buy.
>>73,
>>Michael
>>W1RC
>>
>>
>>
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>

[Non-text portions of this message have been removed]

# 1644. Error - Antenna Tuner for T-368, BC-610 and others.

Yahoo group: T-368_BC-610
Date: 2003-01-29 19:59:49 UTC
From: R.J. Mattson
Topic: 1644  Message: 1644

Sorry, for those that responded, the price should have been $100 not $160
Bob...W2AMI

----- Original Message -----

Subject: [T-368_BC-610] Mil. Antenna Tuner for T-368, BC-610 and others.

I have for sale a military antenna tuner that works effectively on a T-368
and BC-610. It will work with both military and civilian xmtrs that have a
standard PL-259 antenna connector. I have used it to match a t3, 610
and ranger to a 50' wire on 160/80m.
PICTURE: => http://www.hvinet.com/rjmattson/acu
It is a nice clean antenna tuner. According to the schematic inside, the
unit is complete. The picture makes the front look blue, but it is the same
color as the pulled back cover which is mil gray.
I am asking $100 plus shipping.
The shipping weight is 50 lb. from 12528 - Highland, NY
73,
Bob Mattson...W2AMI
http://www.qrz.com/callsign/w2ami

# 1645. Re: [T-368_BC-610] Calibration books, again

Yahoo group: T-368_BC-610
Date: 2003-02-02 02:33:30 UTC
From: Gene Beckwith
Topic: 1631  Message: 1645

Jerry Kincade wrote:

>Me, too, please...
>Jerry W5KP
>
>----- Original Message -----
>From: "Scott Seickel" <polaraligned@...>
>To: <T-368_BC-610@yahoogroups.com>
>Sent: Sunday, January 26, 2003 2:29 PM
>Subject: Re: [T-368_BC-610] Calibration books, again
>
>Hi Gents,
>

Not just sure who/how/when this subject stands...

But - - count me in for a book too...when, if they should become
available...

73 to all, and having great fun on 160m with my T-3...still sorting out
fan quieting techique, but have solved rcvr mute and can not operate
fairly smoothly with NC-300 . . . looking forward to using R-392 with
the T-3 ... colors don't match 8>( but it fits really nice on top of
the T-3...and yes, will in time hook to an R-390A .

Gene

W9KXR

>
>>Count me in for a t-368 book. If a reproduction run does not
>>work out, I would appreciate someone doing some high quality scans,
>>or loaning me their book for me to scan. It is easy enough for me to
>>
>print the
>
>>pages, laminate them and have them spiral bound.
>>
>>Scott
>>
>>
>>
>>
>>
>>
>>
>> ----- Original Message -----

>> From: redmenaced <redmenaced@...>
>> To: T-368_BC-610@yahoogroups.com
>> Sent: Sunday, January 26, 2003 1:06 PM
>> Subject: [T-368_BC-610] Calibration books, again
>>
>>
>> At one time I contacted Bob Downs about getting the T-368 calibration
>> book reproduced but there wasn't much interest so I didn't persue
>> it. He seriously considered it so it isn't completely foreign to
>> him, and he does good work, too.
>>
>> How 'bout it? Should we persue getting this and Lon's BC-610
>> calibration sheets reproduced?
>>
>> This is the largest gathering of people using these transmitters, if
>> its going to get done it will be done by us, there certainly isn't
>> any other group that has enough interest in it.
>>
>> Certailny if we do it there will be others that will want them
>> outside of this group but there has to be a large enough interested
>> party to get it started.
>>
>> Joe
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[Non-text portions of this message have been removed]

# 1646. Here ya' go!!

Yahoo group: T-368_BC-610
Date: 2003-02-02 22:20:17 UTC
From: redmenaced <redmenaced@yahoo.com>
Topic: 1646  Message: 1646

He doesn't sound like he knows much about it, better get it before he breaks it!

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=2156976281

# 1647. Re: [T-368_BC-610] Here ya' go!!

Yahoo group: T-368_BC-610
Date: 2003-02-02 22:38:17 UTC
From: Scott Seickel
Topic: 1646  Message: 1647

You can smoke your trees with it?
Must be because of the hand blown tubes.
Where do I get a set?

Scott

----- Original Message -----
From: redmenaced <redmenaced@...>
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, February 02, 2003 5:20 PM
Subject: [T-368_BC-610] Here ya' go!!

He doesn't sound like he knows much about it, better get it before he
breaks it!

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=2156976281

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[Non-text portions of this message have been removed]

# 1648. Re: [T-368_BC-610] Here ya' go!!

Yahoo group: T-368_BC-610
Date: 2003-02-03 02:07:32 UTC
From: James M. Walker
Topic: 1646  Message: 1648

Oh My,
Someone painted it fire engine red in side! Looks complete though and
that is a DX-40 and A VF-1 VFO and a Variac Wheel for Whatever reason
on the other piece! A good find A) if you can stand red, B) it has the
popular tuning units and RF Plate Coils. A word of caution, if its'
working state is unknown, a good price for the BC-610 is 350.00, the
rest
I am not familiar with pricing but if the DX-40 was used with the VF-1
to drive the BC-610 beware of severe modifications to the '610.
Caveat Emptor
Jim
WB2FCN

"redmenaced " wrote:
>
> He doesn't sound like he knows much about it, better get it before he
> breaks it!
>
> http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=2156976281
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 1649. Re: [T-368_BC-610] Here ya' go!!

Yahoo group: T-368_BC-610
Date: 2003-02-03 15:19:54 UTC
From: tbigelow@pop.state.vt.us
Topic: 1646  Message: 1649

Looks like a french whorehouse inside! What are these people thinking?? I know the current high bidder, bet he wants it to counterbalance the T-3 he picked up a while back. Either that or he wants the purtiest '610 in town!

I have one of these sitting in Colorado waiting for me. Unfortunately much of the stuff has been stripped out of it, but it comes with the shock mount and all the chassis, along with some of the iron. Anyone out that way interested?

~Boomer, KA1KAQ

"redmenaced " wrote:

> He doesn't sound like he knows much about it, better get it before he
> breaks it!
>
> http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=2156976281
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 1650. Re: T-368A News!

Yahoo group: T-368_BC-610
Date: 2003-02-03 16:31:06 UTC
From: James M. Walker
Topic: 1650  Message: 1650

Hey Dave,
You did a great job, so you deserve the REAL pat on the back. I really enjoyed helping out, as did Jenna. Although she still likes your T-368 setup more than mine, because you have so much more ROOM, ahem!

All kidding aside Dave, it was my pleasure, and remember give a call if you need anything further. See you on the air OM!

Jim
WB2FCN

Dave_Payne@... wrote:
>
> Hi Jim, Mike, Roy, Herb, Bob, and Bill,
> GREAT News I want to tell you about! I had the T-368 up and running
> on 75M last evening with good sounding audio! Thanks for your
> encouragement. Jim Walker, WB2FCN, has been very helpful as I charged into
> this project. He initially let me borrow a wattmeter, dummy load, gave me
> some spare tubes and parts, came to the house (with donuts!), and
> corresponded via email and phone offering further encouragement.
> I solved a couple of more problems and hurdles on Sunday, including
> how to use a my recently acquired amplified D-104 mike. I wired up the
> connector from the old M-29A pork chop microphone that Jim gave me, to the
> D-104. I disconnected the 13 volts (and the carbon mike feed from rear
> remote connector) from the inside of the carbon mike connector on the
> modulator deck (and labeled it for future reference). I plugged in the
> D-104, set the gain on the mike base to 'halfway', and gradually turned up
> the gain control on the T-3. Nice clean audio on my R-390A! I set it so
> max peaks occur about 200 ma of mod current, set the output to about 375
> watts, and fired up on 3.881. I received wonderful reports, including the
> audio was clean.
> My 'new to me' ME-165/G SWR/Wattmeter & Dummy load, after my repair,
> works great. As far as the T-3's "PTO low level carrier on all the time"
> problem... I don't think it is a problem, because it appears that I can
> not hear it in the receiver when the ME-165/G is in the "Operate" position
> and the outside antenna is connected. Time will tell. There was a lot of
> noise on the band last night, possibly masking the PTO low level carrier.
> Needless to say, I am excited! It works, it's apparently very clean,
> and the audio sounds fine! The signal is big. I'm on the air and hope to
> chat with you soon!
>
> Dave / KA2J

# 1651. Re: [T-368_BC-610] Here ya' go!!

Yahoo group: T-368_BC-610
Date: 2003-02-04 23:41:43 UTC
From: Gene Beckwith
Topic: 1646  Message: 1651

Jim,

Good advice on the bench mark price for the 610 in unknown condition....All too easy to get carried away with the chase...making mental note of ur info...es btw, good adivice when the hunt is on at this season's Hamfests too...

Good hunting to all and keep a cool head...

73,

Gene

James M. Walker wrote:

>Oh My,
>Someone painted it fire engine red in side! Looks complete though and
>that is a DX-40 and A VF-1 VFO and a Variac Wheel for Whatever reason
>on the other piece! A good find A) if you can stand red, B) it has the
>popular tuning units and RF Plate Coils. A word of caution, if its'
>working state is unknown, a good price for the BC-610 is 350.00, the
>rest
>I am not familiar with pricing but if the DX-40 was used with the VF-1
>to drive the BC-610 beware of severe modifications to the '610.
>Caveat Emptor
>Jim
>WB2FCN
>
>"redmenaced " wrote:
>
>>He doesn't sound like he knows much about it, better get it before he
>>breaks it!
>>
>>http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=2156976281
>>
>>
>>
>>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
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>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
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>.
>

[Non-text portions of this message have been removed]

# 1652. Another T-368 on the air!!

Yahoo group: T-368_BC-610
Date: 2003-02-05 03:25:35 UTC
From: redmenaced <redmenaced@yahoo.com>
Topic: 1652  Message: 1652

So, how 'bout it, Dave?

Has the new son-in-law 2B been bitten by the radio bug yet? It
should be a requirement, ya' know.

The T-368 sounded real good "up the river" here in Belfast, NY.

How 'bout a report?

Joe

# 1653. Re: Another T-368 on the air!!

Yahoo group: T-368_BC-610
Date: 2003-02-06 14:44:34 UTC
From: bflattrmpt <bflattrmpt@aol.com>
Topic: 1652  Message: 1653

Hi Joe and all...
Yes, I have successfully put my T-368A on the air. Many thanks go out for the encouragement of Jim WB2FCN and others for giving me the "can do" attitude necessary. Jim stopped over to the house and let me borrow a wattmeter, dummy load, and gave me some parts and tubes for my adventure. Joe, I remember telling you in a QSO that I might have an opportunity to get a T-3, and you offered some encouraging comments, as I struggled with the idea of taking on a `bigger' project. I enjoyed working through the steps of successfully getting the T-3 on the air. I also have an R-390A and the ME-165/G to go with the T-3. I got the ME-165/G up and running in one night by replacing 3 resistors and both diodes. Ed, K2MP, gave me a hand with the R-390A. I spent 4 weeks on the T-3, because I wanted to enjoy the learning process and now I want to run it for a while and solve any bugs that may appear. I feel very fortunate to have a T-3 in such good shape and that the problems presented were not so complicated that I couldn't figure out how to solve them.
After having it on the air again last evening, I am also very pleased that the audio is sounding so good and clean! And finally, I am thankful for the many amateur radio operators that are there for encouragement, friendship and so willing to help.
I'm looking forward to many years of enjoyment with the T-368A.
Talk to you soon
Dave / KA2J

# 1654. FS:T-368 iron

Yahoo group: T-368_BC-610
Date: 2003-02-08 04:11:31 UTC
From: Ron Skipper
Topic: 1654  Message: 1654

For sale:T-368 plate transformer $100 plus shipping, modulation transformer $100 plus shipping, filter chokes (2 ea) $50 each plus shipping.

Ron W8ACR

# 1655. test

Yahoo group: T-368_BC-610
Date: 2003-02-08 23:07:08 UTC
From: Jerry
Topic: 1655  Message: 1655

Hi, lost my info and am testing KR4BR Jerry

[Non-text portions of this message have been removed]

# 1656. Info

Yahoo group: T-368_BC-610
Date: 2003-02-08 23:18:19 UTC
From: Jerry
Topic: 1656  Message: 1656

Hi, Back after a long break. And Back at the 610-E. I had to remove the RF deck and found a number of bad parts under the tunning boxes, resistors/caps ect. I purchased parts from a supplyer and had to take certain values to make up the caps by doubling up to reach the values. I don't like this, Can anyone reccomend a supplyer so as to obtain correct values ? sorry about the last post as I forgot my ID and ect. thankyou from Jerry KR4BR

[Non-text portions of this message have been removed]

# 1657. BC-610 story

Yahoo group: T-368_BC-610
Date: 2003-02-09 23:23:41 UTC
From: redmenaced <redmenaced@yahoo.com>
Topic: 1657  Message: 1657

http://www.gordon.army.mil/AC/WWII/SCR299.HTM

Pictures:

http://www.amfone.net/scr299.htm

MORE pictures:

http://www.ameritech.net/users/dharlan/dans.htm

# 1658. It's alive.....

Yahoo group: T-368_BC-610
Date: 2003-02-23 20:55:37 UTC
From: Jerry Kincade
Topic: 1658  Message: 1658

The Crosley T-368C lives! Using a calibrated Bird meter and a 500W Bird 50-ohm load, I'm getting 480W of clean carrier (CW mode) at 340 ma plate current. PA grid is about 13 ma, which is a tad higher than called for in the manual (8-12 ma, I think). Do these readings pass the sanity test compared to all it's bretheren out there, or is the highish grid current cause for some concern? Looking forward to pushing some audio through this thing soon.
73 Jerry W5KP

# 1659. r-390a...

Yahoo group: T-368_BC-610
Date: 2003-02-24 02:30:15 UTC
From: aa9wq <aa9wqham@aol.com>
Topic: 1659  Message: 1659

I know this isn't a r390 forum but... The 4kc filter took a dump in my r-390a and my transmitter is lonely with out it.. Anyone have a spare they want to sell? or know of a replacement after market??. I have E-mailed Fair radio and have heard nothing back yet so I am looking for other sources also. I have heard of longwave products but I can't fine them on the net anywhere. A 6kc to replace the 4kc would be cool.

The T-368 is fine. The thing has been running great with the exception of a failed deck interlock that went crispy. I was able to clean it up and found a new spring at the local hardware store that was close so it has good tension. My best guess is that it wasn't aligned completely square (it is now). Might be worth looking at them from time to time to see any bad signs. Got to love those T-3s..
73's
W9AMR Formerly AA9WQ AM Rules...

# 1660. Re: [T-368_BC-610] r-390a...

Yahoo group: T-368_BC-610
Date: 2003-02-24 04:05:10 UTC
From: Jerry Kincade
Topic: 1660  Message: 1660

Dave Curry filters are advertised in and sold through the ER Store at Electric Radio Magazine. Address is ER Store, Box 582, Pine, CO 80470. Phone is 720-924-0171, email er@.... Available are filters for the 75A-4 and R-390A in 500 Hz, 2.5 KHz, and 6 KHz. they are not cheap at $199 each, but they are very good filters. See http://www.r390a.com/html/Curry.html for some details from Chuck Rippel's page, who also sells them but only, I think, as part of one of his legendary rebuilds. Curry's main website is not currently functional, don't know why. BTW, if you are a T-368/R-390 guy and are not a subscriber to ER, shame on you. One of the best (and only) real boatanchor publications ever, and some really great reading. :-)
73, Jerry W5KP

----- Original Message -----
From: <aa9wqham@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Sunday, February 23, 2003 8:30 PM
Subject: [T-368_BC-610] r-390a...

> I know this isn't a r390 forum but... The 4kc filter took a dump in
> my r-390a and my transmitter is lonely with out it.. Anyone have a
> spare they want to sell? or know of a replacement after market??. I
> have E-mailed Fair radio and have heard nothing back yet so I am
> looking for other sources also. I have heard of longwave products but
> I can't fine them on the net anywhere. A 6kc to replace the 4kc would
> be cool.
>
> The T-368 is fine. The thing has been running great with the
> exception of a failed deck interlock that went crispy. I was able to
> clean it up and found a new spring at the local hardware store that
> was close so it has good tension. My best guess is that it wasn't
> aligned completely square (it is now). Might be worth looking at them
> from time to time to see any bad signs. Got to love those T-3s..
> 73's
> W9AMR Formerly AA9WQ AM Rules...
>
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>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
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# 1661. For your interest

Yahoo group: T-368_BC-610
Date: 2003-03-03 02:43:45 UTC
From: redmenaced <redmenaced@yahoo.com>
Topic: 1661  Message: 1661

This is the URL for the homepage for this list, there is a files section, a photo section, an archive section, and a chat feature.

Why we need a chat feature I have NO idea!

http://groups.yahoo.com/group/T-368_BC-610/

Three newbies today, that makes 166 people subscribed and three with bouncing messages,.... oh well,

Joe KG2CI

# 1662. (no subject)

Yahoo group: T-368_BC-610
Date: 2003-03-03 12:14:32 UTC
From: Bob Richmond
Topic: 1662  Message: 1662

Am I one of the 3 people you cannot reach by e-mail anymore?

bob
w8mnq

# 1663. Bouncing E-mail list

Yahoo group: T-368_BC-610
Date: 2003-03-04 04:36:54 UTC
From: redmenaced <redmenaced@yahoo.com>
Topic: 1663  Message: 1663

If anyone knows these guys please let them know they aren't getting
their E-mails.

Thanks,

Joe

rbratcherjr
Robert M. Bratcher Jr. (43/M) bratcher@...
Houston TX Hard Bouncing ( History )
3/1/2003 1 1/5/2003

chas_east
(M) chas_east@...
Hard Bouncing ( History )
2/28/2003 1 4/25/2002
car76_us

M) dlunstrum@...
Hard Bouncing ( History )
2/28/2003 1 2/20/2003
storviken

Brandy (M) hvalver@...
Hard Bouncing ( History )
2/28/2003 2 6/29/2000
[ Request Profile ]

reid hagan reid.j.hagan@...
Hard Bouncing ( History )
2/26/2003 2 10/4/1999

# 1664. MRCG 2003

Yahoo group: T-368_BC-610
Date: 2003-03-05 06:46:42 UTC
From: w7qho@aol.com
Topic: 1664  Message: 1664

All,

A reminder, the 2003 MRCG meeting will be held at Ft. MacArthur, San Pedro. CA on 2, 3 and 4 May. (Note: This is a change from previous announcements). Please mark your calendars.  Events will include exhibits and demonstrations of vintage military radio equipment, technical presentations and operating activities.  More detailed information will follow as the meeting date approaches.

Dennis DuVall, W7QHO
Glendale, CA
818-240-7907

[Non-text portions of this message have been removed]

# 1665. MRCG Pictures/Meeting

Yahoo group: T-368_BC-610
Date: 2003-03-05 14:49:00 UTC
From: N6WIG
Topic: 1665  Message: 1665

For those who are thinking of attending this years Military
Radio Collectors Group meeting in Fort MacArthur, pictures
of previous meetings are available on the West Coast
Military Radio Collectors Group web site.

http://syzen.com/milradio/

It has always been great fun with an excellent swap meet,
presentations and lots of equipment exhibits. It is coming
up in May 2nd - 4th. Info of meeting is on the web site.
For more information contact Dennis DuVall, at w7qho@...

73's

Mike

? ?/// ? ? ?<mikhael@...>
? ? | ?Collector of Military and Vintage
? ?/|\ ? ? commuications equipment.
? N6WIG ? ? ? ?San Jose
AAR9MX

# 1666. New K51 owner to the group

Yahoo group: T-368_BC-610
Date: 2003-03-05 20:08:55 UTC
From: cckwx
Topic: 1666  Message: 1666

Hi:

My name is Stephen Keith from Pembroke NH.
I collect Historic Military Vehicles (HMV's)
A couple years ago, I picked up a Chevrolet
K51 Panel truck that housed the BC-610 trans.
I also have the trailer for the generator.

I will be restoring the truck one of these years,
(have many 'ladies in waiting' to be restored)

I have been slowly collecting the radio parts
for the rear such as the two receivers, main
insulator, etc.

At some point in time, I will have to spring
for the BC-610 of some flavor. I also suppose
I will have to make a decision at that time
depending upon the BC-610 (working or will never)
to get a license.

Steve AKA Dr Deuce

# 1667. RE: [T-368_BC-610] New K51 owner to the group

Yahoo group: T-368_BC-610
Date: 2003-03-05 20:31:55 UTC
From: Tom Mackie
Topic: 1666  Message: 1667

Hope to see Mr. Duce at the Weare, NH MV rally in July!!!!

Usually Dale, KW1I has an M38A1 on the northern perimeter of the field set up with a radio. Find us. I would love to see that K51 completely outfitted.

Tom
W2ILA
Rhode Island

-----Original Message-----
From: cckwx [mailto:cckw@...]
Sent: Wednesday, March 05, 2003 3:09 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] New K51 owner to the group

Hi:

My name is Stephen Keith from Pembroke NH.
I collect Historic Military Vehicles (HMV's)
A couple years ago, I picked up a Chevrolet
K51 Panel truck that housed the BC-610 trans.
I also have the trailer for the generator.

I will be restoring the truck one of these years,
(have many 'ladies in waiting' to be restored)

I have been slowly collecting the radio parts
for the rear such as the two receivers, main
insulator, etc.

At some point in time, I will have to spring
for the BC-610 of some flavor. I also suppose
I will have to make a decision at that time
depending upon the BC-610 (working or will never)
to get a license.

Steve AKA Dr Deuce

Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 1668. Re: [T-368_BC-610] New K51 owner to the group

Yahoo group: T-368_BC-610
Date: 2003-03-05 22:11:30 UTC
From: Steve & Jeanne Keith
Topic: 1666  Message: 1668

I go to the Weare Rally evey year. Last year I brought 10 pieces
of equipment:

CCKW deuce towing Searchlight Trailer with Clarkair dozer inside
Chev Bomb Truck towing Bomb Trailer
GPW Jeep towing 37mm AT gun
M151 Jeep towing Jeep Trailer

I was short one large vehicle to tow the Water Buffalo, so I had
to make an extra trip...

I use to work with Dale. He REALLY wants to see the K51
running with all the gear! Because I have a fleet of HMVs
I can wait for 'deals' on equipment/parts to outfit the various
vehicles and trailers.

The K51 came from Idaho and was purchased on E-bay a couple
years ago.

Steve AKA Dr Deuce

----- Original Message -----
From: "Tom Mackie" <Tom_Mackie@...>
To: "'cckwx'" <cckw@...>; <T-368_BC-610@yahoogroups.com>
Sent: Wednesday, March 05, 2003 3:31 PM
Subject: RE: [T-368_BC-610] New K51 owner to the group

> Hope to see Mr. Duce at the Weare, NH MV rally in July!!!!
>
> Usually Dale, KW1I has an M38A1 on the northern perimeter of the field set
> up with a radio. Find us. I would love to see that K51 completely
> outfitted.
>
> Tom
> W2ILA
> Rhode Island
>
> -----Original Message-----
> From: cckwx [mailto:cckw@...]
> Sent: Wednesday, March 05, 2003 3:09 PM
> To: T-368_BC-610@yahoogroups.com
> Subject: [T-368_BC-610] New K51 owner to the group
>
>
>
> Hi:
>

> My name is Stephen Keith from Pembroke NH.
> I collect Historic Military Vehicles (HMV's)
> A couple years ago, I picked up a Chevrolet
> K51 Panel truck that housed the BC-610 trans.
> I also have the trailer for the generator.
>
> I will be restoring the truck one of these years,
> (have many 'ladies in waiting' to be restored)
>
> I have been slowly collecting the radio parts
> for the rear such as the two receivers, main
> insulator, etc.
>
> At some point in time, I will have to spring
> for the BC-610 of some flavor. I also suppose
> I will have to make a decision at that time
> depending upon the BC-610 (working or will never)
> to get a license.
>
>
> Steve AKA Dr Deuce
>
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> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
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# 1669. Re: [T-368_BC-610] New K51 owner to the group

Yahoo group: T-368_BC-610
Date: 2003-03-06 14:55:24 UTC
From: tbigelow@pop.state.vt.us
Topic: 1666  Message: 1669

I never even knew about this event. I usually attend the antique boat
show at Weare's Beach in July, so this would be yet another opportunity
to get out and have some fun. When exactly is it? Will you be bringing
up a spare 300G with you, Tom? Sure, it's not green, but it's still
heavy enough to qualify.... (-:

de Todd/'Boomer' KA1KAQ

Tom Mackie wrote:

>Hope to see Mr. Duce at the Weare, NH MV rally in July!!!!
>
>Usually Dale, KW1I has an M38A1 on the northern perimeter of the field set
>up with a radio. Find us. I would love to see that K51 completely
>outfitted.
>
>Tom
>W2ILA
>Rhode Island
>
>-----Original Message-----
>From: cckwx [mailto:cckw@...]
>Sent: Wednesday, March 05, 2003 3:09 PM
>To: T-368_BC-610@yahoogroups.com
>Subject: [T-368_BC-610] New K51 owner to the group
>
>
>
>Hi:
>
>My name is Stephen Keith from Pembroke NH.
>I collect Historic Military Vehicles (HMV's)
>A couple years ago, I picked up a Chevrolet
>K51 Panel truck that housed the BC-610 trans.
>I also have the trailer for the generator.
>
>I will be restoring the truck one of these years,
>(have many 'ladies in waiting' to be restored)
>
>I have been slowly collecting the radio parts
>for the rear such as the two receivers, main
>insulator, etc.
>
>At some point in time, I will have to spring
>for the BC-610 of some flavor. I also suppose
>I will have to make a decision at that time

>depending upon the BC-610 (working or will never)
>to get a license.
>
>
>Steve AKA Dr Deuce
>
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# 1670. Re: [T-368_BC-610] New K51 owner to the group

Yahoo group: T-368_BC-610
Date: 2003-03-06 15:44:01 UTC
From: Steve & Jeanne Keith
Topic: 1666  Message: 1670

See www.mvmvc.org

July 24-26 2003 In Weare NH (NOT Weirs Beach)

Steve Keith Secretary MVMVC (AKA Dr Deuce)

----- Original Message -----
From: "Todd Bigelow - PS" <tbigelow@...>
To: "Tom Mackie" <tom_mackie@...>
Cc: "'cckwx'" <cckw@...>; <T-368_BC-610@yahoogroups.com>
Sent: Thursday, March 06, 2003 9:55 AM
Subject: Re: [T-368_BC-610] New K51 owner to the group

> I never even knew about this event. I usually attend the antique boat
> show at Weare's Beach in July, so this would be yet another opportunity
> to get out and have some fun. When exactly is it? Will you be bringing
> up a spare 300G with you, Tom? Sure, it's not green, but it's still
> heavy enough to qualify.... (-:
>
> de Todd/'Boomer' KA1KAQ
>
> Tom Mackie wrote:
>
> >Hope to see Mr. Duce at the Weare, NH MV rally in July!!!!
> >
> >Usually Dale, KW1I has an M38A1 on the northern perimeter of the field
set
> >up with a radio. Find us. I would love to see that K51 completely
> >outfitted.
> >
> >Tom
> >W2ILA
> >Rhode Island
> >
> >-----Original Message-----
> >From: cckwx [mailto:cckw@...]
> >Sent: Wednesday, March 05, 2003 3:09 PM
> >To: T-368_BC-610@yahoogroups.com
> >Subject: [T-368_BC-610] New K51 owner to the group
> >
> >
> >
> >Hi:
> >
> >My name is Stephen Keith from Pembroke NH.
> >I collect Historic Military Vehicles (HMV's)

> >A couple years ago, I picked up a Chevrolet
> >K51 Panel truck that housed the BC-610 trans.
> >I also have the trailer for the generator.
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> >(have many 'ladies in waiting' to be restored)
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> >I have been slowly collecting the radio parts
> >for the rear such as the two receivers, main
> >insulator, etc.
> >
> >At some point in time, I will have to spring
> >for the BC-610 of some flavor. I also suppose
> >I will have to make a decision at that time
> >depending upon the BC-610 (working or will never)
> >to get a license.
> >
> >
> >Steve AKA Dr Deuce
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# 1671. Re: [T-368_BC-610] New K51 owner to the group

Yahoo group: T-368_BC-610
Date: 2003-03-06 16:22:31 UTC
From: tbigelow@pop.state.vt.us
Topic: 1666  Message: 1671

See, I thought that was how it was spelled.....now I'll need to get my map out. I'm just over in VT a ways, so it won't be much of a drive regardless. I''m thinking it's down near Manchester somewhere...

Thanks for the link and info, Steve - the K51 is certainly a worthy project, even a dream project for many of the BC-610 crowd....

de Todd/'Boomer' KA1KAQ

Steve & Jeanne Keith wrote:

>See www.mvmvc.org
>
>July 24-26 2003 In Weare NH (NOT Weirs Beach)
>
>Steve Keith Secretary MVMVC (AKA Dr Deuce)
>
>
>----- Original Message -----
>From: "Todd Bigelow - PS" <tbigelow@...>
>To: "Tom Mackie" <tom_mackie@...>
>Cc: "'cckwx'" <cckw@...>; <T-368_BC-610@yahoogroups.com>
>Sent: Thursday, March 06, 2003 9:55 AM
>Subject: Re: [T-368_BC-610] New K51 owner to the group
>
>
>
>
>>I never even knew about this event. I usually attend the antique boat
>>show at Weare's Beach in July, so this would be yet another opportunity
>>to get out and have some fun. When exactly is it? Will you be bringing
>>up a spare 300G with you, Tom? Sure, it's not green, but it's still
>>heavy enough to qualify.... (-:
>>
>>de Todd/'Boomer' KA1KAQ
>>
>>Tom Mackie wrote:
>>
>>
>>
>>>Hope to see Mr. Duce at the Weare, NH MV rally in July!!!!
>>>
>>>Usually Dale, KW1I has an M38A1 on the northern perimeter of the field
>>>
>>>
>set

>
>
>>>up with a radio. Find us. I would love to see that K51 completely
>>>outfitted.
>>>
>>>Tom
>>>W2ILA
>>>Rhode Island
>>>
>>>-----Original Message-----
>>>From: cckwx [mailto:cckw@...]
>>>Sent: Wednesday, March 05, 2003 3:09 PM
>>>To: T-368_BC-610@yahoogroups.com
>>>Subject: [T-368_BC-610] New K51 owner to the group
>>>
>>>
>>>
>>>Hi:
>>>
>>>My name is Stephen Keith from Pembroke NH.
>>>I collect Historic Military Vehicles (HMV's)
>>>A couple years ago, I picked up a Chevrolet
>>>K51 Panel truck that housed the BC-610 trans.
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>>>for the rear such as the two receivers, main
>>>insulator, etc.
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>>>At some point in time, I will have to spring
>>>for the BC-610 of some flavor. I also suppose
>>>I will have to make a decision at that time
>>>depending upon the BC-610 (working or will never)
>>>to get a license.
>>>
>>>
>>>Steve AKA Dr Deuce
>>>
>>>
>>>
>>>
>>>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
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>>>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
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# 1672. Re: [T-368_BC-610] New K51 owner to the group

Yahoo group: T-368_BC-610
Date: 2003-03-06 16:59:18 UTC
From: Steve & Jeanne Keith
Topic: 1666  Message: 1672

The Weare Rally site is just off of rte 114 in Weare NH.

There is a truck route , rte 77 that comes off of rte 114 on
the Manchester end. Right after turning onto that truck rte,
you will see The Center Woods School (AKA Taco Bell School)
on the right. The new entrance is just past the school on the right.

Dale Gagnon and Larry Damour (both hams) are at the show every
year. Larry us the rally chairman. We usually have about 150 HMVs
and a couple hams....

The K51 will have to go to the body shop which is rare for my restorations.
After buying it by pictures only in ID, I got it home and it is solid as a
rock. However, I determined that you cannot make a tactical truck
out of a long 1.5 ton panel truck. The body willnot take the twisting.
I have some large cracks in the body by the rear doors. My plan is to
remove all the body mounting bolts aft of the drivers seat and replace them
with long bolts with springs on them to allow the frame to move and flex
under
the panel body

Steve AKA Dr Deuce

----- Original Message -----
From: "Todd Bigelow - PS" <tbigelow@...>
To: "Steve & Jeanne Keith" <cckw@...>
Cc: "Tom Mackie" <tom_mackie@...>; <T-368_BC-610@yahoogroups.com>
Sent: Thursday, March 06, 2003 11:22 AM
Subject: Re: [T-368_BC-610] New K51 owner to the group

> See, I thought that was how it was spelled.....now I'll need to get my
> map out. I'm just over in VT a ways, so it won't be much of a drive
> regardless. I''m thinking it's down near Manchester somewhere...
>
> Thanks for the link and info, Steve - the K51 is certainly a worthy
> project, even a dream project for many of the BC-610 crowd....
>
> de Todd/'Boomer' KA1KAQ
>
> Steve & Jeanne Keith wrote:
>
> >See www.mvmvc.org
> >
> >July 24-26 2003 In Weare NH (NOT Weirs Beach)
> >
> >Steve Keith Secretary MVMVC (AKA Dr Deuce)

> >
> >
> >----- Original Message -----
> >From: "Todd Bigelow - PS" <tbigelow@...>
> >To: "Tom Mackie" <tom_mackie@...>
> >Cc: "'cckwx'" <cckw@...>; <T-368_BC-610@yahoogroups.com>
> >Sent: Thursday, March 06, 2003 9:55 AM
> >Subject: Re: [T-368_BC-610] New K51 owner to the group
> >
> >
> >
> >
> >>I never even knew about this event. I usually attend the antique boat
> >>show at Weare's Beach in July, so this would be yet another opportunity
> >>to get out and have some fun. When exactly is it? Will you be bringing
> >>up a spare 300G with you, Tom? Sure, it's not green, but it's still
> >>heavy enough to qualify.... (-:
> >>
> >>de Todd/'Boomer' KA1KAQ
> >>
> >>Tom Mackie wrote:
> >>
> >>
> >>
> >>>Hope to see Mr. Duce at the Weare, NH MV rally in July!!!!
> >>>
> >>>Usually Dale, KW1I has an M38A1 on the northern perimeter of the field
> >>>
> >>>
> >>>set
> >>>
> >>>
> >>>up with a radio. Find us. I would love to see that K51 completely
> >>>outfitted.
> >>>
> >>>Tom
> >>>W2ILA
> >>>Rhode Island
> >>>
> >>>-----Original Message-----
> >>>From: cckwx [mailto:cckw@...]
> >>>Sent: Wednesday, March 05, 2003 3:09 PM
> >>>To: T-368_BC-610@yahoogroups.com
> >>>Subject: [T-368_BC-610] New K51 owner to the group
> >>>
> >>>
> >>>
> >>>Hi:
> >>>
> >>>My name is Stephen Keith from Pembroke NH.

> >>>I collect Historic Military Vehicles (HMV's)
> >>>A couple years ago, I picked up a Chevrolet
> >>>K51 Panel truck that housed the BC-610 trans.
> >>>I also have the trailer for the generator.
> >>>
> >>>I will be restoring the truck one of these years,
> >>>(have many 'ladies in waiting' to be restored)
> >>>
> >>>I have been slowly collecting the radio parts
> >>>for the rear such as the two receivers, main
> >>>insulator, etc.
> >>>
> >>>At some point in time, I will have to spring
> >>>for the BC-610 of some flavor. I also suppose
> >>>I will have to make a decision at that time
> >>>depending upon the BC-610 (working or will never)
> >>>to get a license.
> >>>
> >>>
> >>>Steve AKA Dr Deuce
> >>>
> >>>
> >>>
> >>>
> >>>Your use of Yahoo! Groups is subject to
http://docs.yahoo.com/info/terms/
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# 1673. Entry for the BC-610 Registry

Yahoo group: T-368_BC-610
Date: 2003-03-07 04:23:49 UTC
From: Joe Foley
Topic: 1673  Message: 1673

--- Ed Zeranski <ezeran@...> wrote:
> Mine is a Barker and Williamson BC-610I with BC-614,
> cables, tuners etc. I
> got it in trade for a 1959 Stewart Warner R390A with
> CV-591 SSB converter.
++++++++
Sounds like an even deal.

What's the S/N on the BC-610?

Joe

_____
Do you Yahoo!?
Yahoo! Tax Center - forms, calculators, tips, more
http://taxes.yahoo.com/

# 1674. Re: [T-368_BC-610] more info for the BC-610 Registry

Yahoo group: T-368_BC-610
Date: 2003-03-08 00:53:33 UTC
From: Joe Foley
Topic: 1674  Message: 1674

```
--- Ed Zeranski <ezeran@...> wrote:
> Tag says:
> T213 GRC-26
> Serial # 164
> order # 18723-Phila-49
> Modified by Barker and Williamson
> The tuning sheets all are labled BC-610-I
> ----- Original Message -----
> From: "Joe Foley" <redmenaced@...>
> To: <t-368_bc-610@yahoogroups.com>
> Sent: Thursday, March 06, 2003 8:23 PM
> Subject: [T-368_BC-610] Entry for the BC-610
> Registry
>
>
> > ++++++++
> > Sounds like an even deal.
> >
> > What's the S/N on the BC-610?
> >
> > Joe
> >
> >
> >
> > _________________________________________________
> > Do you Yahoo!?
> > Yahoo! Tax Center - forms, calculators, tips, more
> > http://taxes.yahoo.com/
> >
> >
> >
> > Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
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_________________________________________________
Do you Yahoo!?
Yahoo! Tax Center - forms, calculators, tips, more
http://taxes.yahoo.com/
```

# 1675. Mic inputs for T3

Yahoo group: T-368_BC-610
Date: 2003-03-09 15:56:04 UTC
From: Jerry Kincade
Topic: 1675  Message: 1675

The T3 is up and honking on CW, now trying to get some audio in/through it. If I'm reading the manual correctly the carbon mic input on J11 needs about 450 mV for 100% modulation, but the 600 ohm line input at the rear J12 connector only needs -34 dbm, or about 4.5 mV. I'd like to use my spare Heil GM-4 with this thing. Haven't checked the specs on it yet but it certainly ain't anywhere near 450 mV. What kind of mic/input setup are most guys using? J12 in the back (600 ohm line input) with a matching transformer, or what? Is anybody successfully using a Heil goldline mic with their T-3, and if so what input setup are you using? I also have several D-104's, which can crank out several millivolts no problem, but would rather use the Heil if I can. Last problem is locating a mating plug for J12, which might be a trick in itself.
Many thanks,
Jerry W5KP

# 1676. Re: [T-368_BC-610] Mic inputs for T3

Yahoo group: T-368_BC-610
Date: 2003-03-09 16:53:29 UTC
From: wa5cab@cs.com
Topic: 1675  Message: 1676

In a message dated 3/9/2003 9:58:53 AM Central Standard Time,
w5kp@... writes:
> Last problem is locating a mating plug for J12, which might be a trick
> in itself.
> Many thanks,

If I've remembered the gender correctly, the connector number (or one of them anyway) for the right angle connector that mates with J12 is UW1220MBnn, where "nn" is the cable clamp size in 32's of an inch. I have a couple of UW1220MB21 left @ $12.50 plus shipping. UW1320MBnn would also work. Both are right-angle male 9-pin. Difference is in construction of the backshell and cable clamp. There is also a third one that will work (don't have nomenclature handy) but it has a solder gland back shell and is not too convenient to assemble, in part because it requires a special pin-spanner set to disassemble and assemble. Actually, you can assemble it fairly well without the spanner, but getting used ones apart without one is difficult to do without damaging the threaded retaining ring. The first two only require a common screwdriver (and soldering iron, of course).

The correct carbon microphone for the T-368 would be the M-29(*)/U. I have a few of these as well. Early ones have straight cords. M-29C/U has a coiled cord. All are terminated in the common U-77/U connector (have a few of these as well). M-29 looks just like M-52 (microphone that finally replaced the venerable T-17) except for connector.

73
Robert Downs
Houston
<wa5cab@...>

[Non-text portions of this message have been removed]

# 1677. T3 mike inputs:

Yahoo group: T-368_BC-610
Date: 2003-03-09 22:07:19 UTC
From: yardleyite@aol.com
Topic: 1677 Message: 1677

What kind of mic/input setup are most guys using? J12 in the back (600 ohm line input) with a matching transformer, or what? Is anybody successfully using a Heil goldline mic with their T-3, and if so what input setup are you using? I also have several D-104's, which can crank out several millivolts no problem, but would rather use the Heil if I can. Last problem is locating a mating plug for J12, which might be a trick in itself. Many thanks, Jerry W5KP Jerry, I use two mike inputs on my T368-E. #1 - I wired up a crystal head amplified D104 to the existing stock mike connector (from the M-29U ? handheld mike) and removed the +13V from the stock female connector on the front panel (Very Important!). I then bypassed the speech clipper, and the very restrictive audio filters in the speech amp. If you bypass the audio filters remember that you have to remove all ground connections when doing so. The result was very nice non-restrictive audio which is pleasant to listen too. Not too much low end but enough to add a little bit of punch before hitting the pearl lines while modulating into a scope. Mid range presence is very good and well as the highs. Mod #2: I purchased a Behringer VX-2000 'Ultra Voice Pro' voice processor and Behringer B-1 condensor microphone. ( both are very reasonable - about $225 plus shipping). I used the balanced audio input from the VX-2000 and tied the hot lead to the grid of the last 6C4 in the speech amp. All other connections go to a suitable ground. With the VX-2000 properly adjusted the audio is definitely high fidelity and overall comparable with some broadcast transmitters. MUCHO low end and brilliance. Rolloffs between octaves are smooth and leave little to be desired. I attribute most of this to the B-1 condensor microphone. I don't know if you wanted to take it this far but it is possible to take it to the point where it will sound terific. Regarding the Heil mike (or whatever one you use), you'll be dissapointed if you don't bypass the restrictive audio filters. In doing mod #2 you'll already be bypassing everything so you don't have to cut the +13VDC line, bypass filters, etc. and still be able to use the carbonium microphonium for making military nets etc. I hope this helps. Mod-U-Later, Joe Cro N3IBX Joseph Cro N3IBX Collins, Heathkit, Hallicrafters Drake, National, and General Boatanchor language spoken here: N3IBX Basement of Boatanchors (http://hometown.aol.com/yardleyite/index.html) N3IBX Boatanchor Website (http://members.aol.com/yardleyite/collect/index3.htm) N3IBX AM Studios: (http://www.geocities.com/n3ibx/N3IBX.html?1000084610680) Collins Radio Association Member # 122 AM International Member # 1280 [Non-text portions of this message have been removed]

# 1678. Re: [T-368_BC-610] Mic inputs for T3

Yahoo group: T-368_BC-610
Date: 2003-03-09 22:10:35 UTC
From: John Page
Topic: 1675  Message: 1678

I use the aux input in the rear with an amplified D-104 and I just have pins on the wires that fit the rear socket just fine. Have gotten nothing but grear audio reports. John

John Page K4KWM
Hollow State since 1953
(ex W8PKU,N8BLB,NA8O)

>From: "Jerry Kincade" <w5kp@...>
>To: <T-368_bc-610@yahoogroups.com>
>Subject: [T-368_BC-610] Mic inputs for T3
>Date: Sun, 9 Mar 2003 09:56:04 -0600
>
>The T3 is up and honking on CW, now trying to get some audio in/through it.
>If I'm reading the manual correctly the carbon mic input on J11 needs about
>450 mV for 100% modulation, but the 600 ohm line input at the rear J12
>connector only needs -34 dbm, or about 4.5 mV. I'd like to use my spare
>Heil
>GM-4 with this thing. Haven't checked the specs on it yet but it certainly
>ain't anywhere near 450 mV. What kind of mic/input setup are most guys
>using? J12 in the back (600 ohm line input) with a matching transformer,
>or
>what? Is anybody successfully using a Heil goldline mic with their T-3,
>and
>if so what input setup are you using? I also have several D-104's, which
>can
>crank out several millivolts no problem, but would rather use the Heil if I
>can. Last problem is locating a mating plug for J12, which might be a trick
>in itself.
>Many thanks,
>Jerry W5KP
>
>

---
Tired of spam? Get advanced junk mail protection with MSN 8.
http://join.msn.com/?page=features/junkmail

# 1679. RE: [T-368_BC-610] Mic inputs for T3

Yahoo group: T-368_BC-610
Date: 2003-03-10 13:31:00 UTC
From: Tom Mackie
Topic: 1675  Message: 1679

I lifted the carbon mike voltage and went into the front panel with an original connector. The speech amp has been mildly re-worked to bypass the clipper and filters while also opening up some of the coupling caps. I use a D104 with an amp to drive the speech amp. The amp in the 104 has been modified to present a high impedence load to the crystal element. Also, I control the level with the amp in the mic.
Originally there was a hum problem and it was traced to the 600 ohm input. Off the top of my head, I had to disable that section of the amp to eliminate the hum. W1NZR did not have the same problem so it may just have been something going on here..just a tip in case you run across that.
When I first made the changes, it worked well. However, the really big change was made when the final tank was re-worked to eliminate the excessive bypass caps. Once done, there were much better highs coming through.
I get good reports in this configuration. Its not full broadcast hi-fi but it seems pleasant for listeners.

I was listening to 80 this weekend and N3IBX was pounding into Rhode Island with his T3. It sounded wonderful and I am assuming he was running it with his VX2000 setup. WOW

My gut reaction on Heil mics is that they are restrictive. The ones I hear on SSB almost mimic the carbon mic sound. I have not run across anyone running one on AM yet.

Hope to hear your T3 soon

73

Tom
W2ILA

# 1680. Re: [Tube-Swap] 837's, 866's, 3B28's, 6BG6's for sale.

Yahoo group: T-368_BC-610
Date: 2003-03-11 15:15:07 UTC
From: Joe Foley
Topic: 1680  Message: 1680

Contact Kim, I have no knowledge of him.

Joe

--- Kim Herron <kherron@...> wrote:
> ** TUBE-SWAP REFLECTOR - Please do NOT cross-post
> messages to multiple mailing lists on the "To:" or
> "CC:" line of the e-mail message. **
>
> Hi Gang!!
>
> I have a bunch of the above-mentioned tubes to find
> a home for.
> So here's the deal. It's reasonable and you can
> help me find the basement
> floor again!!
>
> 837's $7.00 a pair shipped. If you want more than
> two we'll make an adjustment
> on the price. I have approximately 40 and all are
> NOS tested as NEW.
>
> 866's $7.00 a pair shipped. These are used, but not
> abused and test good
> on the
> Hickok 533. They are not all black inside. I have
> approximately 20.
>
> 3B28's $20.00 a pair shipped. these are all NEW
> JAN tubes that were bulk
> packed.
> That means that there wasn't any individual boxes,
> but the tubes were
> shipped in cartons
> of 25 to 100 at a time in a foam liner. I have
> about 12. They test NEW.
>
> I have a lot more stuff that is going to becoming up
> so watch this space!!
>
> Thanks!!
>
> Kim W8ZV
> 1-161-677-3706
>

> _____
> Tube-Swap mailing list
> Tube-Swap@...
> http://mailman.qth.net/mailman/listinfo/tube-swap

_____
Do you Yahoo!?
Yahoo! Web Hosting - establish your business online
http://webhosting.yahoo.com

# 1681. Current list of T-368 users?

Yahoo group: T-368_BC-610
Date: 2003-03-11 16:42:32 UTC
From: kc9vf
Topic: 1681  Message: 1681

Where can I find the latest T-368 registry?

# 1682. Registries, please?

Yahoo group: T-368_BC-610
Date: 2003-03-12 04:44:58 UTC
From: redmenaced
Topic: 1682  Message: 1682

Could the official and exaulted keepers of the three registries, T-368, BC-610, and HT-4, please post the latest versions and also upload them to the files section on the homepage?

We've had 10 more subscribers to the list in the last two weeks and they've never seen them before.

Thank you,

Joe

# 1683. Look at what I found!

Yahoo group: T-368_BC-610
Date: 2003-03-13 03:19:48 UTC
From: redmenaced
Topic: 1683  Message: 1683

http://cgi.ebay.com/ws/eBayISAPI.dll?
ViewItem&item=3012849262&category=4675

Shipping from California! That ought to be FUN!

Joe

# 1684. Re: [T-368_BC-610] Look at what I found!

Yahoo group: T-368_BC-610
Date: 2003-03-13 03:36:09 UTC
From: wa5cab@cs.com
Topic: 1683  Message: 1684

In a message dated 3/12/2003 9:20:21 PM Central Standard Time,
redmenaced@... writes:
> http://cgi.ebay.com/ws/eBayISAPI.dll?
> ViewItem&item=3012849262&category=4675
>
> Shipping from California! That ought to be FUN!
>

Motor freight rates aren't really that bad when you consider what it would
cost to drive out there and pick it up. What costs is the crating if you
have to pay a freight forwarder to do it.

73
Robert Downs
Houston
<wa5cab@...>

[Non-text portions of this message have been removed]

# 1685. shipping it after you find it...

Yahoo group: T-368_BC-610
Date: 2003-03-13 14:25:02 UTC
From: Trevor Lewis
Topic: 1685  Message: 1685

Re: long-distance shipping:

I know from having other heavy machinery hauled for/ to me from far away that sometimes if you and the seller have some flexibility on when something is shipped, and you can dig around or find a local connection in an industry that ships large/ heavy products (I live near a center of the granite quarrying and monument sculpting industry in VT), sometimes you can get a trucking company to bring a large/ heavy item back on their return trip or partial load at an economical price (relative to the size/ weight/ distance you're talking about). Of course as Bob WA5CAB indicates, crating and other protection of the item can be critical and still an undertaking / substantial cost.

If someone wants to buy and ship this or another T-3 and I can offer any insight as to how I've arranged shipping in the above manner, feel free to drop me an e-mail off the list.

73

Trevor

KD1YT

-----Original Message-----
From: wa5cab@... [mailto:wa5cab@...]
Sent: Wednesday, March 12, 2003 10:36 PM
To: redmenaced@...; T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] Look at what I found!

In a message dated 3/12/2003 9:20:21 PM Central Standard Time,
redmenaced@... writes:
> http://cgi.ebay.com/ws/eBayISAPI.dll?
<http://cgi.ebay.com/ws/eBayISAPI.dll?>
> ViewItem&item=3012849262&category=4675
>
> Shipping from California! That ought to be FUN!
>

Motor freight rates aren't really that bad when you consider what it would cost to drive out there and pick it up. What costs is the crating if you have to pay a freight forwarder to do it.

73
Robert Downs
Houston
<wa5cab@...>

[Non-text portions of this message have been removed]

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90:HM/A=1457554/R=0/*http:/ipunda.com/clk/beibunmaisuiyuiwabei>

<http://us.adserver.yahoo.com/l?M=245454.2994396.4323964.2848452/D=egroupmai
l/S=:HM/A=1457554/rand=635485895>

Your use of Yahoo! Groups is subject to the Yahoo! Terms of
<http://docs.yahoo.com/info/terms/> Service.

[Non-text portions of this message have been removed]

# 1686. Re: shipping it after you find it...

Yahoo group: T-368_BC-610
Date: 2003-03-13 14:45:51 UTC
From: wa5cab@cs.com
Topic: 1685  Message: 1686

Trevor & Group,

I won't name any names (they may respond to a specific broadcast request for help, though) but there are two or three collectors, mostly retired and having fun buying, fixing and selling old heavy gear, who make trips around the country picking up or dropping off equipment. One of them has hauled several things for me. - most of an SCR-499 including the BC-610-E and PE-95-G to PA, several Teletype machines to AL, etc. You may have to wait until they are going in the right direction, which as a practical matter may mean that the seller will have to hold the item(s) for a while.

I know from having other heavy machinery hauled for/ to me from far away that sometimes if you and the seller have some flexibility on when something is shipped, and you can dig around or find a local connection in an industry that ships large/ heavy products (I live near a center of the granite quarrying and monument sculpting industry in VT), sometimes you can get a trucking company to bring a large/ heavy item back on their return trip or partial load at an economical price (relative to the size/ weight/ distance you're talking about). Of course as Bob WA5CAB indicates, crating and other protection of the item can be critical and still an undertaking / substantial cost.

73
Robert Downs
Houston
<wa5cab@...>

[Non-text portions of this message have been removed]

# 1687. Haul boat ankors

Yahoo group: T-368_BC-610
Date: 2003-03-13 16:41:48 UTC
From: chas_east
Topic: 1687  Message: 1687

E-mail ...LON...K5JV..He makes trip a couple times a year around the country...
he is good in QRZ for e-mail
Honest Charlie

# 1688. With pictures now!

Yahoo group: T-368_BC-610
Date: 2003-03-14 02:07:46 UTC
From: redmenaced
Topic: 1688  Message: 1688

Same T-368 but he's posted 11 pictures, nice looking, apparently un-mocified unit.

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=3012849262&category=4675

# 1689. Re: [T-368_BC-610] With pictures now!

Yahoo group: T-368_BC-610
Date: 2003-03-14 15:02:25 UTC
From: tbigelow@pop.state.vt.us
Topic: 1688  Message: 1689

*drool~

~Boomer KA!KAQ

redmenaced wrote:

>Same T-368 but he's posted 11 pictures, nice looking, apparently un-
>mocified unit.
>
>
>
>http://cgi.ebay.com/ws/eBayISAPI.dll?
>ViewItem&item=3012849262&category=4675
>
>
>
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
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>
>
>
>

# 1690. What the heck???

Yahoo group: T-368_BC-610
Date: 2003-03-15 21:17:16 UTC
From: K3PID
Topic: 1690  Message: 1690

Did I miss something or what? I was sure that the end date on the auction for the T-3 on epay WAS 3-18-03 but when I went there today it was ended..... do they just end an auction whenever they want???

K3PID

# 1691. Parts needed

Yahoo group: T-368_BC-610
Date: 2003-03-15 21:47:39 UTC
From: redmenaced
Topic: 1691  Message: 1691

This is from the AM Window BBS, I have no idea who this guy is but he is looking for help.

Joe

Hello! A friend is posting this for me-I don't have internet access. Looking for the following items- 1. Modulation transformer(T9)and the driver transformer(T8)for a BC-610F,H,or I model transmitter. 2. An S-meter for Hallicrafters SX-24,28,32 type reciever. 3. Front panels and cabinets for the Drake R4C reciever and T4XC transmitter.Parts units ok. Any help in finding these items will be greatly appreciated.Contact Bruce/N9KGR @ (920)693-3247 Thx and 73 !

# 1692. Re: [T-368_BC-610] What the heck???

Yahoo group: T-368_BC-610
Date: 2003-03-15 22:13:27 UTC
From: Joe Foley
Topic: 1690  Message: 1692

--- K3PID <k3pid@...> wrote:
> Did I miss something or what? I was sure that the
> end date on the auction
> for the T-3 on epay WAS 3-18-03 but when I went
> there today it was
> ended..... do they just end an auction whenever they
> want???
++++++++
Surprised me, too!

The line under the winning bidder area of that page
says, "The seller ended this listing early to sell to
the high bidder at current bid price".

Now, what does that mean? And why would he do that?

Joe

_____
Do you Yahoo!?
Yahoo! Web Hosting - establish your business online
http://webhosting.yahoo.com

# 1693. RE: [T-368_BC-610] What the heck???

Yahoo group: T-368_BC-610
Date: 2003-03-15 22:36:54 UTC
From: Mark Richards
Topic: 1690  Message: 1693

I just sold something on E-Bay recently and, from what I gathered, the seller has this option to sell early if their minimum (reserve) price is met or exceeded. Seems rather silly as the bidding war might bring even more.

-m-

[Non-text portions of this message have been removed]

# 1694. Re: [T-368_BC-610] What the heck???

Yahoo group: T-368_BC-610
Date: 2003-03-15 23:59:20 UTC
From: Steven K. Wenger
Topic: 1690  Message: 1694

I remember reading one eBay seller's description where he indicated that he was going to end the auction early at some unannounced time to prevent snipping (last minute bidding). I would guess he had been outbid at the last minute and did not much like it. Seems a little silly and thin skinned.

Steve W9QLF
-----Original Message-----
From: Mark Richards <mark.richards@...>
To: T-368_bc-610@yahoogroups.com <T-368_bc-610@yahoogroups.com>
Date: Saturday, March 15, 2003 4:39 PM
Subject: RE: [T-368_BC-610] What the heck???

I just sold something on E-Bay recently and, from what I gathered, the seller has this option to sell early if their minimum (reserve) price is met or exceeded. Seems rather silly as the bidding war might bring even more.

-m-

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 1695. Re: [T-368_BC-610] What the heck???

Yahoo group: T-368_BC-610
Date: 2003-03-16 01:06:42 UTC
From: Jack Taylor
Topic: 1690  Message: 1695

So what was the closing price?

73 de Jack

----- Original Message -----
From: "Steven K. Wenger" <swenger@...>
To: <T-368_bc-610@yahoogroups.com>
Sent: Saturday, March 15, 2003 4:59 PM
Subject: Re: [T-368_BC-610] What the heck???

> I remember reading one eBay seller's description where he indicated that
he was going to end the auction early at some unannounced time to prevent
snipping (last minute bidding). I would guess he had been outbid at the last
minute and did not much like it. Seems a little silly and thin skinned.
>
> Steve W9QLF
> -----Original Message-----
> From: Mark Richards <mark.richards@...>
> To: T-368_bc-610@yahoogroups.com <T-368_bc-610@yahoogroups.com>
> Date: Saturday, March 15, 2003 4:39 PM
> Subject: RE: [T-368_BC-610] What the heck???
>
>
> I just sold something on E-Bay recently and, from what I gathered, the
> seller has this option to sell early if their minimum (reserve) price is
met
> or exceeded. Seems rather silly as the bidding war might bring even more.
>
>
>
> -m-
>
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>
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>
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>
>

# 1696. Needed BC-610 parts

Yahoo group: T-368_BC-610
Date: 2003-03-17 14:43:12 UTC
From: Mikhael
Topic: 1696  Message: 1696

Bruce/N9KGR is looking for a modulation (T9) and driver (T8) transformers for one of his BC-610's,for the F, H, or I models.

Please contact him directly. He does not have an Internet connection.
His phone is (920)693-3247. Call 4-9PM CST weekdays or days on the weekends. Any help would be very much appreciated.
If propagation is good,listen for him on 3885 or on the Midwest Classic Traders net Saturdays@8AM CST run by Rob/WA9ZTY.

Thanks,

Mike

# 1697. T-3 Question

Yahoo group: T-368_BC-610
Date: 2003-03-18 01:00:55 UTC
From: Jerry Kincade
Topic: 1697  Message: 1697

Re the T-368C: Under normal operating conditions, approximately what audio driving voltage do the 4-125 modulator grids require (using a 1000 hz single-tone input) in order to achieve 100% modulation? This rig has a full carrier and clean sound, but can't get more than about 50% modulation out of it. I'd like to verify the speech amp and it's output transformer is putting out the required drive to the modulator tubes, as soon as I can figure out what that voltage should be.

Thanks,
Jerry W5KP

# 1698. Re: [T-368_BC-610] T-3 Question

Yahoo group: T-368_BC-610
Date: 2003-03-18 02:55:00 UTC
From: w7qho@aol.com
Topic: 1697  Message: 1698

In a message dated 3/17/03 5:46:43 PM, w5kp@... writes:

> Re the T-368C:  Under normal operating conditions, approximately what audio
> driving voltage do the 4-125 modulator grids require (using a 1000 hz
> single-tone input) in order to achieve 100% modulation?  This rig has a
> full
> carrier and clean sound, but can't get more than about 50% modulation out
> of
> it. I'd like to verify the speech amp and it's output transformer is
> putting
> out the required drive to the modulator tubes, as soon as I can figure out
> what that voltage should be.
>

Jerry,

Never measured it, but the bias on the grids of the 4-125s runs around -160 volts +/- a bit depending on the setting of the bias control on the front panel. Since the modulator tubes are running AB1 the grids shouldn't be driven positive (the 6C4 driver won't do this anyway), and since the the audio system has just enough punch to modulate the rig fully, the maximum peak-to-peak voltage swing at either 4-125 grid should come out to around 320 volts. i.e., +/- 160 volts around the -160 V. bias point.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 1699. Manuals?

Yahoo group: T-368_BC-610
Date: 2003-03-18 04:45:37 UTC
From: redmenaced
Topic: 1699  Message: 1699

http://cgi.ebay.com/ws/eBayISAPI.dll?
ViewItem&item=3013830911&category=1502

# 1700. 'nother 'un

Yahoo group: T-368_BC-610
Date: 2003-03-18 05:00:23 UTC
From: redmenaced
Topic: 1700  Message: 1700

http://cgi.ebay.com/ws/eBayISAPI.dll?
ViewItem&item=3013157541&category=15050

# 1701. T-368 manuals Free over internet

Yahoo group: T-368_BC-610
Date: 2003-03-18 16:07:04 UTC
From: James M. Walker
Topic: 1701  Message: 1701

here are the t-368 manuals includes tuning/alignment/power checks

http://eshop1.chem.buffalo.edu/images/PDF-Files/T-368-11-809-10.pdf
http://eshop1.chem.buffalo.edu/images/PDF-Files/T-368-11-809-20.pdf
http://eshop1.chem.buffalo.edu/images/PDF-Files/T-368-11-809-35.pdf

Jim
WB2FCN

# 1702. Anyone know this guy?

Yahoo group: T-368_BC-610
Date: 2003-03-18 23:55:36 UTC
From: redmenaced
Topic: 1438  Message: 1702

His E-mail box is full, wonder where he went for his vacation.

brronk777@...

# 1703. Re: [T-368_BC-610] Anyone know this guy?

Yahoo group: T-368_BC-610
Date: 2003-03-19 15:01:24 UTC
From: tbigelow@pop.state.vt.us
Topic: 1438  Message: 1703

That's Ron down in Mass., he was posting to the mil-surplus list a week or so back? Maybe he changed emails or decided Florida was warmer?

Boomer, KA1KAQ

redmenaced wrote:

>His E-mail box is full, wonder where he went for his vacation.
>
>
>
> brronk777@...
>
>

# 1704. Inventory Check

Yahoo group: T-368_BC-610
Date: 2003-03-19 18:27:07 UTC
From: W6PSS@aol.com
Topic: 1704  Message: 1704

Gentlemen:
Although this is unrelated topic, please allow exception. Seeking a BC-191 or BC-375E in good condx without tuning units. Will pay reasonable price.
Thanks for permitting this one indulgence.
David
w6pss@...

[Non-text portions of this message have been removed]

# 1705. Throat Mike

Yahoo group: T-368_BC-610
Date: 2003-03-21 21:41:31 UTC
From: w7qho@aol.com
Topic: 1705  Message: 1705

All,

I recently picked up a WW2 T-30 throat microphone at a fleamarket. Hooked it up to my ART-13 and made a few tests with my friends here in Southern California. The universal report was very muffled, restricted and only marginally intelligible audio, the same results I remember from the last time I played with a throat mic back in the 50s. The unit was in very good condition, BTW, and had very high output -- modulated the ART-13 fully.

My question here is, was there a particular communication technique, method of articulation, special vocabulary, etc., which had to be used with these things? Hard to believe they were satisfactory for operational use. Has anyone had personal experience here?

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 1706. T-3 shock mount

Yahoo group: T-368_BC-610
Date: 2003-03-21 22:32:55 UTC
From: w9xrt
Topic: 1706  Message: 1706

Hi all,

I have a T-368E in need of the shock mount. Anyone got one they
don't need?

Thanks, Jeff
jmain@...

# 1707. Re: [T-368_BC-610] Digest Number 679

Yahoo group: T-368_BC-610
Date: 2003-03-22 12:29:38 UTC
From: Steve & Jeanne Keith
Topic: 1707  Message: 1707

I just picked up a PE-95 genset to go with my Cheverolet K51 panel truck
and 1 ton trailer that I am slowly buying radios etc to make up the SCR 299
that originally went inside it

The gen is the type 2 according to the manual and is the larger 10kw model.

Steve AKA Dr Deuce

# 1708. Re: [T-368_BC-610] Digest Number 680

Yahoo group: T-368_BC-610
Date: 2003-03-22 23:30:00 UTC
From: Steve & Jeanne Keith
Topic: 1708  Message: 1708

I got the PE-95 to run today...!!!!!!!!!!!!!!!

It took a little work, but is seems to run an make AC.
I don't understand how they use the DC exciter as a
direct drive starter for the engine. It is not that large
and if you look at the normal reduction on a starter
motor, it is quite large.

Anyways, someone installed a regular starter motor
and that is what I used to start it. I will try the normal
starting means this week.

Steve AKA Dr Deuce

# 1709. Re: [T-368_BC-610] T-3 shock mount

Yahoo group: T-368_BC-610
Date: 2003-03-23 03:17:14 UTC
From: Gene Beckwith
Topic: 1706  Message: 1709

Fair Radio has usually kept a vaiety of sizes ... maybe one the same size as T-3 ... I've purchased vib mounts there before...call and check...

73,

Gene

w9xrt wrote:

> Hi all,
>
> I have a T-368E in need of the shock mount. Anyone got one they
> don't need?
>
> Thanks, Jeff
> jmain@...
>
>
>
>
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# 1710. RE: [T-368_BC-610] Digest Number 680

Yahoo group: T-368_BC-610
Date: 2003-03-23 17:01:03 UTC
From: Trevor Lewis
Topic: 1708  Message: 1710

The later, higher output PE-95s did use a separate starter motor like you describe, rather than making use of the generator's DC exciter for double-duty as a starter motor. Be sure to get the manual, including the separate supplement for the later models like you have, so that you don't accidentally try to retro-engineer your PE-95 to be something other than it originally was. The double use of the exciter as a starter motor in the early PE-95s was ingenious, but using the separate starter on the later units was probably simpler and perhaps more reliable.

I have copies of the PE-95 manuals, including the supplement for the later units, or you can probably get them, like I got mine, from Robert Downs, WA5CAB, who is on this list, and who supplies superb reproduction (or when available, original) G.I. Tech Manuals.

Now we need to get you to get your ham ticket and the BC-610 to make your situation complete :-)!

73 (ham shorthand for best regards)

Trevor

KD1YT

-----Original Message-----
From: Steve & Jeanne Keith [mailto:cckw@...]
Sent: Saturday, March 22, 2003 6:30 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] Digest Number 680
Importance: High

I got the PE-95 to run today...!!!!!!!!!!!!!!!

It took a little work, but is seems to run an make AC.
I don't understand how they use the DC exciter as a
direct drive starter for the engine. It is not that large
and if you look at the normal reduction on a starter
motor, it is quite large.

Anyways, someone installed a regular starter motor
and that is what I used to start it. I will try the normal
starting means this week.

Steve AKA Dr Deuce

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<http://rd.yahoo.com/M=246920.2960106.4328965.2848452/D=egroupweb/S=1705034690:HM/A=1481659/R=0/*http:/www.gotomypc.com/u/tr/yh/cpm/grp/300_yh1/g22lp?Target=mm/g22lp.tmpl>

<http://us.adserver.yahoo.com/l?M=246920.2960106.4328965.2848452/D=egroupmail/S=:HM/A=1481659/rand=917904510>

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[Non-text portions of this message have been removed]

# 1711. Re: PE-95 (was [T-368_BC-610] Digest Number 680

Yahoo group: T-368_BC-610
Date: 2003-03-23 18:41:20 UTC
From: wa5cab@cs.com
Topic: 1711  Message: 1711

Check the nameplate (unless some @#$% beaurocrat removed it). It should ID the model. The A, B, C and F are rated 5KW (the first three @ 112.5V and the latter @ 120V). The G, H, I and K are rated 10KW, the first two @ 117V and the last two @ 118V. The do not appear to have ever been any D, E or J. Orders may have been placed, which took the nomenclature rev, and then canceled. The TM is TM 11-904 dated 7 July 1945 which covers up through PE-95-H, and Change 1 dated 19 February 1953 covering the I and K.

I sold my SCR-499 with PE-95-G last year and never actually ran or worked on the generator but according to the TM and C1, the PE-95-F had a conventional 6 Volt starter motor and all of the other models used Exciter starting. The photos of the G and H in the TM and the I and K in the Change show no external starter motor or DC generator. There is a port on the right side of the flywheel housing which in the photo is covered by a blanking plate. There is nothing unusual about using the DC exciter (generator) as the starter on up through medium power separately excited AC generators. Most people alive today weren't yet born when alternators replaced generators on automobiles and trucks and have seldom if ever encountered DC generators. But one of the important differences between a DC generator and a DC motor is simply what you intend to do with it. One quick and dirty way to test a automotive or aircraft shunt wound DC generator is to connect the field winding across the armature and apply the rated 6, 12 or 24 volts. If it does not start and run as a motor, there's something wrong with it (not that it is a very efficient motor, mind you).

So my guess is that either yours is an F or someone added the starter motor.

In a message dated 3/23/2003 11:07:55 AM Central Standard Time,
tlewis@... writes:
> The later, higher output PE-95s did use a separate starter motor like you
> describe, rather than making use of the generator's DC exciter for
> double-duty as a starter motor. Be sure to get the manual, including the
> separate supplement for the later models like you have, so that you don't
> accidentally try to retro-engineer your PE-95 to be something other than it
> originally was. The double use of the exciter as a starter motor in the
> early PE-95s was ingenious, but using the separate starter on the later
> units was probably simpler and perhaps more reliable.

73
Robert Downs
Houston
<wa5cab@...>

[Non-text portions of this message have been removed]

# 1712. BC-610 Registry

Yahoo group: T-368_BC-610
Date: 2003-03-23 21:10:24 UTC
From: N6WIG
Topic: 688  Message: 1712

Here is the current BC-610 Registry. Please email any
changes or additions to mikhael@....

thanks and 73's

Mike

BC-610 Registry:

First Name: Louis
Last Name: Aligieri
Call: WA1JXR
email: wa1jxr@...
BC-610 Model: BC-610
Order Number:
Manufacturer: Hallicrafters
Serial Number: 503

First Name: Paul
Last Name: Beckwith
Call: K2LMQ
email: beckrep@...
BC-610 Model: BC-610-E
Order Number:
Manufacturer: Hallicrafters
Serial Number: 1158

First Name: Bob
Last Name: Bethman
Call: N0DGN
email: rbethman@...
BC-610 Model: BC-610-I
Order Number: 3357-PHILA-52
Manufacturer: Hallicrafters
Serial Number: 642

First Name: Rick
Last Name: Blank
Call: KI5SL
email: rblank@...
BC-610 Model: BC-610-I
Order Number: 19624-PHILA-50
Manufacturer: Barker and Williamson, Inc
Serial Number: 79

First Name: Mikhael

Last Name: Brown
Call: N6WIG
email: mikhael@...
BC-610 Model: BC-610-E
Order Number:
Manufacturer: Hallicrafters
Serial Number: 1242

First Name: John
Last Name: Burgwyn
Call: W4WAW
email: jburgwynjr@...
BC-610 Model: BC-610-F
Order Number: 10970-PH-48-77
Manufacturer: David Bogen Co Inc
Serial Number: 247

First Name: Ben
Last Name: Chamberlain
Call: KG8SX
email: welmar@...
BC-610 Model: BC-610-E
Order Number:
Manufacturer: Hallicrafters
Serial Number: 985

First Name: Joel
Last Name: Cumberland
Call: N3EYR
email: joel@...
BC-610 Model: BC-610-H
Order Number: 21418-Phila-50-7-C
Manufacturer: Hallicrafters
Serial Number: 497

First Name: Clay
Last Name: DeWitt
Call: N4QNX
email: n4qnx.aol.com
BC-610 Model: BC-610-G
Order Number: July 1949
Manufacturer: Hallicrafters
Serial Number: 87

First Name: Jeff
Last Name: Edmonson
Call: W5OMR
email: w5omr@...
BC-610 Model: BC-610-E
Order Number:
Manufacturer: Hallicrafters
Serial Number:

First Name: Mike
Last Name: Hardie
Call: VE7MMH
email: hardiem@...
BC-610 Model: BC-610-E
Order Number:
Manufacturer: Hallicrafters
Serial Number: 435

First Name: Dan
Last Name: Harlan
Call: N8ETQ
email: dharlan@...
BC-610 Model: BC-610-E
Order Number: 28934-PHILA-45-07
Manufacturer: Hallicrafters
Serial Number: 656

First Name: Ron
Last Name: Kresge
Call: W1ARS
email: brronk777@...
BC-610 Model: BC-610-E
Order Number: 28934-PHILA-45-07
Manufacturer: Hallicrafters
Serial Number: 78

First Name: Bob
Last Name: Mattson
Call: W2AMI
email: rjmattson@...
BC-610 Model: BC-610-H
Order Number: 19624-PHILA-50
Manufacturer: Barker and Williamson, Inc
Serial Number: 482

First Name: Rev Ronnie
Last Name: Parker
Call: N1UDI
email: n1udi19@...
BC-610 Model: BC-610-F
Order Number: 10970-PH-48-77
Manufacturer: David Bogen Co,Inc. New York,NY
Serial Number: 119

First Name: Gary
Last Name: Pewitt
Call: N9ZSV/AE
email: gpewitt@...
BC-610 Model: BC-610-I
Order Number:
Manufacturer:

Serial Number:

First Name: Rolynn
Last Name: Prechtl
Call: K7DFW
email: k7dfw@...
BC-610 Model: BC-610-F
Order Number: ' 48
Manufacturer: Bogen
Serial Number: 325

First Name: Rolynn
Last Name: Prechtl
Call: K7DFW
email: k7dfw@...
BC-610 Model: BC-610-G
Order Number: ' 49
Manufacturer: Hallicrafters
Serial Number: 141

First Name: Bob
Last Name: Richmond
Call: W8MNQ
email: w8mnq@...
BC-610 Model: BC-610-E
Order Number:
Manufacturer: Hallicrafters
Serial Number: 325

First Name: Bill
Last Name: Shaw
Call: W2HYN
email: w2hyn@...
BC-610 Model: BC-610-E
Order Number:
Manufacturer:
Serial Number:

First Name: Tom
Last Name: Siglin
Call: WA2LTD
email: wa2ltd@...
BC-610 Model: BC-610-E
Order Number:
Manufacturer: Hallicrafters
Serial Number:

First Name: Tom
Last Name: Smith
Call: N5AMA
email: tsmith@...
BC-610 Model: BC-610-I

Order Number:
Manufacturer: Hallicrafters
Serial Number: 333

First Name: Theodore
Last Name: Stoner III
Call: WR4T
email: wr4t@...
BC-610 Model: BC-610-E
Order Number: 28934-Phila-45-07
Manufacturer: Hallicrafters
Serial Number: 322

First Name: Chuck
Last Name: Strozier
Call:
email: ccstrozier@...
BC-610 Model: BC-610-I
Order Number: 3135-PHILA-51
Manufacturer: Barker and Williamson, Inc
Serial Number: 261

First Name: Jack
Last Name: Taylor
Call: N7OO
email: n7oo@...
BC-610 Model: BC-610-E
Order Number:
Manufacturer: Halicrafters
Serial Number: 3223

First Name: Keith
Last Name: Tucker
Call: WA9CUE
email: ketken@...
BC-610 Model: BC-610-E
Order Number:
Manufacturer: Hallicrafters
Serial Number: 289

First Name: Herb
Last Name: Ulrich
Call: K2VH
email: k2VH@...
BC-610 Model: BC-610-E
Order Number: 18372-Phila-44
Manufacturer: Hallicrafters, Chicago, Ill.
Serial Number: 1211

First Name: Jim
Last Name: Walker
Call: WB2FCN

email: chejmw@...
BC-610 Model: BC-610-I
Order Number:
Manufacturer:
Serial Number:

First Name: Jim
Last Name: Walker
Call: WB2FCN
email: chejmw@...
BC-610 Model: BC-610-E
Order Number:
Manufacturer:
Serial Number:

First Name: Theodore
Last Name: Young
Call: W3PWW
email:
BC-610 Model: BC-610-F
Order Number: 10970-PH-48-77
Manufacturer: David Bogen Co
Serial Number: 25

First Name: Ed
Last Name: Zeranski
Call:
email: ezeran@...
BC-610 Model: BC-610-I
Order Number: 18723-Phila-49
Manufacturer: Barker I Williamson
Serial Number: 164

? ?/// ? ? ?<mikhael@...>
? ? | ?Collector of Military and Vintage
? ?/|\ ? ? commuications equipment.
? N6WIG ? ? ? ?San Jose
AAR9MX

# 1713. New file uploaded to T-368_BC-610

Yahoo group: T-368_BC-610
Date: 2003-03-23 22:47:42 UTC
From: T-368_BC-610@yahoogroups.com
Topic: 965  Message: 1713

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the T-368_BC-610
group.

File : /BC-610 Registry
Uploaded by : redmenaced <redmenaced@...>
Description : List of transmitters and owners

You can access this file at the URL

http://groups.yahoo.com/group/T-368_BC-610/files/BC-610%20Registry

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

redmenaced <redmenaced@...>

# 1714. Re: [T-368_BC-610] Digest Number 681

Yahoo group: T-368_BC-610
Date: 2003-03-23 23:19:02 UTC
From: Steve & Jeanne Keith
Topic: 1714  Message: 1714

I have the manual for the model (2) that I have and the schematic shows the 10kw unit is started by the exciter. Also the picture of the unit with the side cover removed shows a cover over the starter hole.

Steve

# 1715. Re: [T-368_BC-610] Digest Number 681

Yahoo group: T-368_BC-610
Date: 2003-03-24 00:10:13 UTC
From: wa5cab@cs.com
Topic: 1714  Message: 1715

In a message dated 3/23/2003 5:43:58 PM Central Standard Time, cckw@...
writes:
> I have the manual for the model (2) that I have and the schematic shows
> the 10kw unit is started by the exciter. Also the picture of the unit with
> the side cover removed shows a cover over the starter hole.

Steve,

OK. But I might better explain that nowhere other than in the TM 11-904 that you apparently have will you see the generators referred to as Model (2), Model (1), etc. That was a convention used by the TM writers of several late war TM's where the earlier TM's (in some cases multiple ones on several individual models) were beeing revised to cover several letter suffix models. Best (worst?) example that I know of is TM 11-300 on the SCR-211 (BC-221). It covers 26 models in one volume.

Anyway, the basic engine in the PE-95 is a de-rated Willys MB engine. Most of the internal parts are the same. The difference is mostly external. I don't know all the details but I'm sure that Brent Mullins can help should you ever need any basic engine parts.

But the starter on yours is of course not from the MB, which had a 6 volt electrical system. Just out of curiosity, where did whoever modified it put the starter switch? And I wonder why they bothered? It would have been simpler and cheaper to do what they did on the I and K, which was to provide a connection point for an external auxiliary battery for starting under severe conditions. My guess, from having encountered similar circumstances in the past, is that when you check out the original starting circuit you are going to find some component bad or even just disconnected. And rather than fix it properly, they jury-rigged it.

73
Robert Downs
MVPA #9480
Houston
<wa5cab@...>

[Non-text portions of this message have been removed]

# 1716. Re: [T-368_BC-610] Digest Number 681

Yahoo group: T-368_BC-610
Date: 2003-03-24 01:29:16 UTC
From: Steve & Jeanne Keith
Topic: 1714  Message: 1716

OK, so what manual is the one I need? Mine is the TM11-904 July 45 version for versions A-C, F-H

The starter is of unknown voltage due to the label being missing. Not having enough detail in the manual, I cannot tell what and where the starter relay was or looked like. It presently has a Ford car type relay. The unit also has a non-original electric fuel pump.

All my Historic Military Vehicles (HMVs) [and I have a lot] are 12v with alternators and electric fuel pumps. Having driven my primary HMV over 50,000 miles, I want reliability foremost, so this genset being so converted is not an issue for me. Its job is to look original and make AC. Its most important function is to start w/o question every time and run reliably.

BTW: My GPW has a 6v starter that runs on 12 v like all the other HMVs. On the GM starters, there was a different pinion gear between the 6 and 12v versions so they could easily be ID'ed

Steve
----- Original Message -----
From: WA5CAB@...
To: cckw@...
Cc: t-368_bc-610@egroups.com
Sent: Sunday, March 23, 2003 7:10 PM
Subject: Re: [T-368_BC-610] Digest Number 681

In a message dated 3/23/2003 5:43:58 PM Central Standard Time, cckw@... writes:

I have the manual for the model (2) that I have and the schematic shows
the 10kw unit is started by the exciter. Also the picture of the unit with
the side cover removed shows a cover over the starter hole.

Steve,

OK. But I might better explain that nowhere other than in the TM 11-904 that you apparently have will you see the generators referred to as Model (2), Model (1), etc. That was a convention used by the TM writers of several late war TM's where the earlier TM's (in some cases multiple ones on several individual models) were beeing revised to cover several letter suffix models. Best (worst?) example that I know of is TM 11-300 on the SCR-211 (BC-221). It covers 26 models in one volume.

Anyway, the basic engine in the PE-95 is a de-rated Willys MB engine. Most of the internal parts are the same. The difference is mostly external. I don't know all the details but I'm sure that Brent Mullins can help should you ever need any basic engine parts.

But the starter on yours is of course not from the MB, which had a 6 volt electrical system. Just out of curiosity, where did whoever modified it put the starter switch? And I

wonder why they bothered? It would have been simpler and cheaper to do what they did on the I and K, which was to provide a connection point for an external auxiliary battery for starting under severe conditions. My guess, from having encountered similar circumstances in the past, is that when you check out the original starting circuit you are going to find some component bad or even just disconnected. And rather than fix it properly, they jury-rigged it.

73
Robert Downs
MVPA #9480
Houston
<wa5cab@...>

[Non-text portions of this message have been removed]

# 1717. PE-95

Yahoo group: T-368_BC-610
Date: 2003-03-25 00:56:29 UTC
From: Steve & Jeanne Keith
Topic: 1717  Message: 1717

I have gotten the genset running really well. It smoked for quite a while but has completely stopped!

On an almost disasterous note: While starting it with the aid of the starter/charger, the connection became loose from the charger and as I bent over to stop it from sparking, the battery exploded with my face about 16" away! The whole top of the battery was ripped off! It was an industrial battery bigger than a group 27 My hand was cut and my face/head covered in full recharged battery acid! Luckly my Step-son was there working on his car and took me back to the house keeping my eyes closed. I flushed my head and face with the shower sprayer and everything is OK. Luckly I had kept my glasses on. I take them off a lot of time for really close up work....

It was a nice battery and I will miss it...

Luck to be seeing you all
Steve

# 1718. BC-610 FS

Yahoo group: T-368_BC-610
Date: 2003-03-25 01:25:30 UTC
From: redmenaced
Topic: 1718  Message: 1718

Send E-mail to Bill Wilson, I don't know anything about it.

Joe

Date: Mon, 24 Mar 2003 06:54:08 -0800 (PST)
From: bill wilson <--we509w@...>
To:
Greetings,

Well my next radio room is going to be in a
upstairs loft and the BC-610G has got to go. It's in
working order and comes with the BC-614-D
Hallicrafters speech amp. This speech amp is nice
because it has a switch that does the PTT. The only
thing you need is a antenna relay and new power cable
and it's ready. It has a rock in it for 3885 and
comes with various tuning units and coils/manuals.
Asking $550 OBO. Pick up in Jacksonville, Al. 36265.
If interested I can send some photos of the radio and
speech amp. Thanks! Bill PS...will throw in the
D-104 too....plus the dolly thing I made for the radio
so it can roll.

Courtesy the Southeastern AM Radio Club Reflector

# 1719. RE: [T-368_BC-610] BC-610 FS

Yahoo group: T-368_BC-610
Date: 2003-03-25 13:39:16 UTC
From: Trevor Lewis
Topic: 1718  Message: 1719

I urge Dr. Deuce to look into getting this unit and others here on the list to help him see if it is worth getting-and then we need to help him get his ham ticket.

-----Original Message-----
From: redmenaced [mailto:redmenaced@...]
Sent: Monday, March 24, 2003 8:26 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] BC-610 FS

Send E-mail to Bill Wilson, I don't know anything about it.

Joe

Date: Mon, 24 Mar 2003 06:54:08 -0800 (PST)
From: bill wilson <--we509w@...>
To:
Greetings,

Well my next radio room is going to be in a
upstairs loft and the BC-610G has got to go. It's in
working order and comes with the BC-614-D
Hallicrafters speech amp. This speech amp is nice
because it has a switch that does the PTT. The only
thing you need is a antenna relay and new power cable
and it's ready. It has a rock in it for 3885 and
comes with various tuning units and coils/manuals.
Asking $550 OBO. Pick up in Jacksonville, Al. 36265.
If interested I can send some photos of the radio and
speech amp. Thanks! Bill PS...will throw in the
D-104 too....plus the dolly thing I made for the radio
so it can roll.

Courtesy the Southeastern AM Radio Club Reflector

Yahoo! Groups Sponsor

ADVERTISEMENT

<http://rd.yahoo.com/M=246920.2960106.4328965.2848452/D=egroupweb/S=1705034690:HM/A=1481646/R=0/*http:/www.gotomypc.com/u/tr/yh/cpm/grp/300_flake/g22lp?Target=mm/g22lp.tmpl>

<http://us.adserver.yahoo.com/l?M=246920.2960106.4328965.2848452/D=egroupmail/S=:HM/A=1481646/rand=125309520>

Your use of Yahoo! Groups is subject to the Yahoo! Terms of
<http://docs.yahoo.com/info/terms/> Service.

[Non-text portions of this message have been removed]

# 1720. NYC Heros

Yahoo group: T-368_BC-610
Date: 2003-03-27 20:02:16 UTC
From: Jerry Kidd
Topic: 1720  Message: 1720

Take a look at this
http://www.politicsandprotest.com

# 1721. Look at the price of this:

Yahoo group: T-368_BC-610
Date: 2003-03-28 04:02:04 UTC
From: redmenaced
Topic: 1721  Message: 1721

I didn't know they were that rare!!

The last one went for $31.

http://cgi.ebay.com/ws/eBayISAPI.dll?
ViewItem&item=3015542370&category=4675

# 1722. Re: [T-368_BC-610] Look at the price of this:

Yahoo group: T-368_BC-610
Date: 2003-03-28 05:06:15 UTC
From: wa5cab@cs.com
Topic: 1721  Message: 1722

In a message dated 3/27/2003 10:05:42 PM Central Standard Time,
redmenaced@... writes:
> didn't know they were that rare!!
>
> The last one went for $31.
>
> http://cgi.ebay.com/ws/eBayISAPI.dll?
> ViewItem&item=3015542370&category=4675

Until I sold the last extra one that I had, I was getting about $12.50.
Maybe I should add it to my list of reprint offerings. :-)

Robert & Susan Downs
Houston
<wa5cab@...>

[Non-text portions of this message have been removed]

# 1723. Re: [T-368_BC-610] Look at the price of this:

Yahoo group: T-368_BC-610
Date: 2003-03-28 05:19:49 UTC
From: James M. Walker
Topic: 1721  Message: 1723

find all the available manuals at:
http://eshop1.chem.buffalo.edu/T-368.html
also at LOGSA site search for t-368
Jim
WB2FCN

wa5cab@... wrote:
>
> In a message dated 3/27/2003 10:05:42 PM Central Standard Time,
> redmenaced@... writes:
> > didn't know they were that rare!!
> >
> > The last one went for $31.
> >
> > http://cgi.ebay.com/ws/eBayISAPI.dll?
> > ViewItem&item=3015542370&category=4675
>
> Until I sold the last extra one that I had, I was getting about $12.50.
> Maybe I should add it to my list of reprint offerings. :-)
>
> Robert & Susan Downs
> Houston
> <wa5cab@...>
>
> [Non-text portions of this message have been removed]
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 1724. Re: [T-368_BC-610] Digest Number 683

Yahoo group: T-368_BC-610
Date: 2003-03-29 17:28:40 UTC
From: Steve & Jeanne Keith
Topic: 1724  Message: 1724

A little off direct subject:

I have been looking up a SCR-698 and it appears to be a 1kw
trans for propaganda purposes in WW2.

On what frequency(s) does it operate?

Any pix on the web?

Thanks
Steve

# 1727. hello-- e-mail change

Yahoo group: T-368_BC-610
Date: 2003-03-31 21:27:29 UTC
From: kd1ytr390a
Topic: 1727  Message: 1727

Hello all-- I've shifted my e-mail for the group to a different account (starting as of this message); I may not get any e-mails sent to my prior one [tlewis@pri.....com]

I am planning to take some time off, and among other things, spend some of it trying to get my T-3 air-worthy.

73
Trevor
KD1YT
Vermont

# 1728. MRCG 2003

Yahoo group: T-368_BC-610
Date: 2003-04-03 07:23:24 UTC
From: w7qho@aol.com
Topic: 1664 Message: 1728

MRCG - EIGHTH ANNUAL MEET

The eighth annual meeting of the Military Radio Collectors Group (MRCG) will be hosted by the Fort MacArthur Military Museum, San Pedro, CA, on Friday, Saturday and Sunday, May 2, 3 and 4, 2003. San Pedro is located on the south side of Los Angeles adjacent to the Harbor. The Museum will be monitoring 51.0 MHz and 146.52 MHz (call W7QHO/6) to assist arriving participants. This year's event will formally begin at 0800 Friday morning when the gates to the park open, and early arrivals are welcome Thursday afternoon as in previous years.

Friday and Saturday will be devoted to equipment setup and display, operating events, and informal get-togethers on the Museum grounds. Secured areas for equipment operation and display will be available within the Fort's complex of bunkers and underground corridors and there is ample room on the museum grounds to accommodate out of doors activities. Participants are encouraged to bring equipment and set up working displays and demonstrations. Special activities will include heliograph and signal light demonstrations and six meter fox hunts. Several technical sessions and lectures will also be scheduled over this period including presentations on Soviet and British radio equipment and our own ART-13 among other topics.

The equipment judging program introduced in previous years will l be managed by Rian Robison, W6SVU (562-421-7213).

Equipment and parts swapping activities are encouraged throughout the meet and, in addition, Sunday morning 0600 - 1000 has been cleared specifically for this purpose. The meet will officially end at the conclusion of this activity.

There are no admission charges for this event, but a "fair share" c ontribution of $5.00 is requested from each participant. Funds remaining after all expenses are met will be donated to the Fort MacArthur Museum Association.

For detailed information including lodging, food and driving instructions go to the MRCG web site: http://www.syzen.com/milradio/

Dennis DuVall, W7QHO
(818)240-7907
w7qho@...

[Non-text portions of this message have been removed]

# 1729. Expensive manual!

Yahoo group: T-368_BC-610
Date: 2003-04-06 02:46:01 UTC
From: redmenaced
Topic: 1729  Message: 1729

http://cgi.ebay.com/ws/eBayISAPI.dll?
ViewItem&item=3015542370&category=4675

# 1730. Beastly 610 coilage

Yahoo group: T-368_BC-610
Date: 2003-04-07 02:24:45 UTC
From: redmenaced
Topic: 1730  Message: 1730

http://cgi.ebay.com/ws/eBayISAPI.dll?
ViewItem&item=2168960938&category=7275

# 1731. How much is YOUR tube tester worth?

Yahoo group: T-368_BC-610
Date: 2003-04-17 02:21:25 UTC
From: redmenaced
Topic: 1731  Message: 1731

http://cgi.ebay.com/ws/eBayISAPI.dll?
ViewItem&item=2522601157&category=25422

# 1732. email address change

Yahoo group: T-368_BC-610
Date: 2003-04-17 18:17:38 UTC
From: wa5cab@cs.com
Topic: 1732  Message: 1732

Groups,

I realized this morning that I am still receiving routine direct emails from several of you directed to my old email address, rwdowns_wa5cab@.... It has been dormant since last summer and is going to self-destruct at the end of this month (hopefully). Current address is wa5cab@....

Robert Downs
Houston
<wa5cab@...>

[Non-text portions of this message have been removed]

# 1733. Fw: for sale

Yahoo group: T-368_BC-610
Date: 2003-04-26 17:48:55 UTC
From: k5jv
Topic: 1733  Message: 1733

Greetings to all,

BC-939 antenna tuner for BC-610 or T-368. This one is blue-gray to match to T-368. Unit is complete with vacuum capacitors, dirty, paint is faded. Should clean up fairly easily. $175.00 plus professional packing, shipping,
and insurance from Houston. Will deliver to Dayton for 50% before departure.
All the T-368's are gone but still have some parts. Pictures are available.

73 de Lon W. Cottingham, K5JV

1110 Golden Bear Ln.
Kingwood, TX 77339
281-358-4207
281-433-7532 Cell

# 1734. Re: [T-368_BC-610] How much is YOUR tube tester worth?

Yahoo group: T-368_BC-610
Date: 2003-04-28 20:50:37 UTC
From: Roy Morgan
Topic: 1731  Message: 1734

At 02:21 AM 4/17/03 +0000, you wrote:
>http://cgi.ebay.com/ws/eBayISAPI.dll?
>ViewItem&item=2522601157&category=25422

Hi,

If you include such long URL's in brackets, as below, many email readers
will process it properly, even if it gets line wrapped along the way.

<http://cgi.ebay.com/ws/eBayISAPI.dll?
ViewItem&item=2522601157&category=25422>

Roy

- Roy Morgan, K1LKY since 1959 - Keep 'em Glowing!
7130 Panorama Drive, Derwood MD 20855
Home: 301-330-8828 Work: Voice: 301-975-3254, Fax: 301-948-6213
roy.morgan@... --

# 1735. BC-610 coils?

Yahoo group: T-368_BC-610
Date: 2003-05-03 23:42:39 UTC
From: redmenaced
Topic: 1735  Message: 1735

http://cgi.ebay.com/ws/eBayISAPI.dll?
ViewItem&item=3021689270&category=1502

# 1736. Mil Connector Source

Yahoo group: T-368_BC-610
Date: 2003-05-05 19:54:06 UTC
From: Bill Coleman N2BC
Topic: 1736  Message: 1736

My apologies for posting this to a bunch of places, but I think it's worth busting a rule or two.

If you are in need of "Military Style" connectors, try:

William Perry Co.
702 Beechwood Road
Louisville, KY 40207
502-893-8724

I needed a bunch of connectors for a Harris amp & Mr. Perry had them all at very reasonable $$.

But be prepared for a SURPRISE. They insisted on sending the connectors to make sure they were correct BEFORE I paid for them. And, they only want your personal check or an MO when they finally get around to taking your $$ (no plastic).

I'm not sure what range of products they have and they have no internet site or email. I have no interest in the company other than being a very satisfied and pleasantly surprised customer.

Best 73, Bill
~~~~~~~~~~~~~~~~
Bill Coleman N2BC
http://home.stny.rr.com/n2bc

[Non-text portions of this message have been removed]
~~~~~~~~~~~~~~~~

# 1737. Re: [T-368_BC-610] Mil Connector Source

Yahoo group: T-368_BC-610
Date: 2003-05-05 22:41:38 UTC
From: Joe Foley
Topic: 1736  Message: 1737

--- Bill Coleman N2BC <n2bc@...> wrote:
> My apologies for posting this to a bunch of places,
> but I think it's worth busting a rule or two.
>
> If you are in need of "Military Style" connectors,
> try:
>
> William Perry Co.
> 702 Beechwood Road
> Louisville, KY 40207
> 502-893-8724

++++++++++
I've met Bill Perry at the Rochester, NY Hamfest
TWICE!

He is a top notch guy always willing to help in any
way he can, and he usually can, he's very
knowledgeable about connectors.

Good prices, big supply.

Joe
>
> I needed a bunch of connectors for a Harris amp &
> Mr. Perry had them all at very reasonable $$.
>
> But be prepared for a SURPRISE. They insisted on
> sending the connectors to make sure they were
> correct BEFORE I paid for them. And, they only want
> your personal check or an MO when they finally get
> around to taking your $$ (no plastic).
>
> I'm not sure what range of products they have and
> they have no internet site or email. I have no
> interest in the company other than being a very
> satisfied and pleasantly surprised customer.
>
> Best 73, Bill
> ~~~~~~~~~~~~~~~~
> Bill Coleman N2BC
> http://home.stny.rr.com/n2bc
>
>
> [Non-text portions of this message have been
> removed]

>
>

---
Do you Yahoo!?
The New Yahoo! Search - Faster. Easier. Bingo.
http://search.yahoo.com

# 1738. test Please delete

Yahoo group: T-368_BC-610
Date: 2003-05-08 13:40:01 UTC
From: Honest Charlie's Bar and Grill
Topic: 1738  Message: 1738

test

=====
"My riches consist not in the extent of my possessions, but in the fewness of my wants." --
J. Brotherton, author'One should not meddle in the affairs of dragons, for
you are crunchy and taste good with ketchup."

_____
Do you Yahoo!?
The New Yahoo! Search - Faster. Easier. Bingo.
http://search.yahoo.com

# 1739. Wanted: BC610 Xmtr Tuning Units

Yahoo group: T-368_BC-610
Date: 2003-05-11 23:22:48 UTC
From: Dale Hagert
Topic: 1739  Message: 1739

I am looking for the following Transmitter Tuning Units for my BC-610:
TU-47, TU-49, TU-52.
Tnx Dale W0IR

# 1740. Vintage Field Day, June 7, 2003

Yahoo group: T-368_BC-610
Date: 2003-05-14 01:12:39 UTC
From: w7qho@aol.com
Topic: 1740  Message: 1740

All,

Vintage Field Day sponsored by ER magazine will be held on Saturday, June 7 this year. Let's all pitch in to make this a memorable event. If you are unable to set up out in the field yourself, please try to get on the air during the day from home, especially on 20, 15 and 10M. Past events have been great fun, but it's been pretty lonesome out in the weeds from midmorning through the afternoon. Again, let's make this time around one to remember.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 1741. PE-94 and RA-62.

Yahoo group: T-368_BC-610
Date: 2003-05-15 14:52:09 UTC
From: f6fed
Topic: 1741  Message: 1741

I'm needing for a PE-94-A or PE-94-B or PE-94-C power supply for the SC3-522, and also an AC supply RA-62.

Best 73.

Henri-Paul F6FED

[Non-text portions of this message have been removed]

# 1742. PE-94 and RA-62.

Yahoo group: T-368_BC-610
Date: 2003-05-15 15:04:24 UTC
From: f6fed
Topic: 1741  Message: 1742

I'm needing for a PE-94-A or PE-94-B or PE-94-C power supply for the SCR-522, and also an AC supply RA-62.

Best 73.

Henri-Paul F6FED

[Non-text portions of this message have been removed]

# 1743. WANTED T-368

Yahoo group: T-368_BC-610
Date: 2003-05-16 17:17:08 UTC
From: pjpilot2000
Topic: 1743  Message: 1743

Want to buy a T-368 in Washington or Oregon.

P. jay spivack
pjpilot@...
253 859 2680

# 1744. Re: [T-368_BC-610] WANTED T-368

Yahoo group: T-368_BC-610
Date: 2003-05-17 02:13:04 UTC
From: Joe Foley
Topic: 1743  Message: 1744

--- pjpilot2000 <tropicwind@...> wrote:
> Want to buy a T-368 in Washington or Oregon.
>
> P. jay spivack
> pjpilot@...
> 253 859 2680
++++++++++
Hmm,..... that's a long waiting list you're on.

Not many turn up in that area either, be aware
shipping one is tough and can be expensive.

You might be so bold as to find one in Idaho or even
Montana. A mod deck for one did turn up recently in
Wyoming, free for pick up. My suspicions are that
they'd be more common in California, W7QHO may be more
help there.

They come rarely on E-bay, they seem to have dug
individual holes and disappeared in the last few
years. I saw several waiting for the crusher at
Seneca Army Depot in the early '90's.

Joe

_____
Do you Yahoo!?
The New Yahoo! Search - Faster. Easier. Bingo.
http://search.yahoo.com

# 1745. WANTED TO BUY T- 368

Yahoo group: T-368_BC-610
Date: 2003-05-17 16:44:57 UTC
From: pjpilot2000
Topic: 1745  Message: 1745

Wish to buy a T-368 transmitter located Washington or Oregon.
Will pickup.

73's Jay Spivack
W7PJS
email tropicwind@...
tel.253 859 2680

# 1746. Yow!!

Yahoo group: T-368_BC-610
Date: 2003-05-18 01:41:57 UTC
From: redmenaced
Topic: 1746  Message: 1746

http://cgi.ebay.com/ws/eBayISAPI.dll?
ViewItem&item=3023310919&category=1502

# 1747. Re: [T-368_BC-610] Yow!!

Yahoo group: T-368_BC-610
Date: 2003-05-18 01:42:17 UTC
From: KXBill
Topic: 1746  Message: 1747

Bad url...I get an error page.
kxBill
----- Original Message -----
From: "redmenaced" <redmenaced@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Saturday, May 17, 2003 18:41
Subject: [T-368_BC-610] Yow!!

http://cgi.ebay.com/ws/eBayISAPI.dll?
ViewItem&item=3023310919&category=1502

# 1748. 6000 tube?

Yahoo group: T-368_BC-610
Date: 2003-05-18 01:53:31 UTC
From: redmenaced
Topic: 1748  Message: 1748

KA2J had a 6000 tube crap out!

Any details, Dave?

Joe

# 1749. BC-610 stuff on E-bay

Yahoo group: T-368_BC-610
Date: 2003-05-18 02:10:47 UTC
From: redmenaced
Topic: 1525  Message: 1749

This guy is going to sell a BC-610 H, he has tuning units and a BC-939 for sale.

http://cgi6.ebay.com/ws/eBayISAPI.dll?ViewSellersOtherItems&userid=oas_ind&include=0&since=-1&sort=3&rows=25

# 1750. Re: [T-368_BC-610] Yow!!

Yahoo group: T-368_BC-610
Date: 2003-05-18 02:13:50 UTC
From: wa5cab@cs.com
Topic: 1746  Message: 1750

In a message dated 5/17/2003 8:50:02 PM Central Daylight Time, w7kxb@...
writes:
Bad url...I get an error page.
kxBill

Bill,

Try copying the ten-digit Item number and pasting it into the first search field that comes up on the eBay home page. It's a T-368 PTO and buffer section.

I notice that the seller has some pretty draconian payment and "who can even bid" requirements. But check the slack he cuts himself on how quickly he might ship. Feedback figures aren't exactly sterling, either. :-) Unit looks pretty decent, although not without scratches.

73
Robert Downs
Houston
<wa5cab@...>

[Non-text portions of this message have been removed]

# 1751. Re: [T-368_BC-610] Yow!!

Yahoo group: T-368_BC-610
Date: 2003-05-18 03:06:03 UTC
From: KXBill
Topic: 1746  Message: 1751

Hello Robert:
Here are a couple of items that just came to my attention on ebay.
This fellow will be putting up the BC-610H w/all coils, mo units and
speech amp. Also has the 833A Linear Amp that the 610 drove. The owner
of the equipment is retired from Ham radio, he is in his 90's, and has
enlisted Casey's help, who is putting together that ebay listing.
Casey's email is: precisefreelance@... His phone number is listed
on the mo tuner page on ebay.
I finally found the ebay site on the 368 VFO.
Cheers and have Phun
Bill/w7kxb

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=3024968595&category=4
675
http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=3024692608&category=4
675

----- Original Message -----
From: <wa5cab@...>
To: <w7kxb@...>; <T-368_BC-610@yahoogroups.com>;
<redmenaced@...>
Sent: Saturday, May 17, 2003 19:13
Subject: Re: [T-368_BC-610] Yow!!

In a message dated 5/17/2003 8:50:02 PM Central Daylight Time,
w7kxb@...
writes:
Bad url...I get an error page.
kxBill

Bill,

Try copying the ten-digit Item number and pasting it into the first
search
field that comes up on the eBay home page. It's a T-368 PTO and buffer
section.

# 1752. Re: [T-368_BC-610] BC-610 stuff on E-bay

Yahoo group: T-368_BC-610
Date: 2003-05-18 03:37:19 UTC
From: Ed Zeranski
Topic: 1525  Message: 1752

I saw the mentioned stuff on ebay. That 939 is nice but there sure were some funny cartoons about fueling the PE95 in the 'near field'. Does anyone have a rebuildable junction box that went between the 610 and 614? Does not need to be pretty, just not totally rotten. Just shipped out my last two 614s but have other bits for the trade blanket.

# 1753. BC-610 and other stuff FS, not mine.

Yahoo group: T-368_BC-610
Date: 2003-05-18 18:03:37 UTC
From: redmenaced
Topic: 1753  Message: 1753

Posted by doug/ka1shu on May 17, 19103 at 22:54:46:

I have for sale in the southern maine area. 1 250 w mod trans. for $1oo from 250w GE. excellent. 3 bc610 plate trans. $40 each. all excellent. 1 "bc610".w/4-400, 813 in mod. mod iron is from 250w rca. this is a homebrew rig built in a bc 610 cabinet. it needs to be finished. all parts are in place and mounted. needs to be wired and a grid input circuit built,otherwise complete.$350. I am not trying to make a buck just get the money I have into it out of it.Ebay can kiss my fat ass. Pick up only,or can bring to fall hosstraders,also may be able to deliver with in 100miles. can email pics if interested.

# 1754. Re: [T-368_BC-610] BC-610 and other stuff FS, not mine.

Yahoo group: T-368_BC-610
Date: 2003-05-18 22:13:25 UTC
From: Joe Foley
Topic: 1753  Message: 1754

Oops!

Doug's E-mail address is: dwgmaine@...

--- Tom Smith <tsmith@...> wrote:
> Hi Doug,
> Are your BC610 plate transformers pick up only? If
> not and you have a potted
> one that works with the 610-I, please put my name on
> it and tell me how much
> you need for shipping.
>
> Thanks,
> Tom N5AMA
>
>
> ----- Original Message -----
> From: "redmenaced" <redmenaced@...>
> To: <T-368_BC-610@yahoogroups.com>
> Sent: Sunday, May 18, 2003 11:03 AM
> Subject: [T-368_BC-610] BC-610 and other stuff FS,
> not mine.
>
>
> > Posted by doug/ka1shu on May 17, 19103 at
> 22:54:46:
> >
> > I have for sale in the southern maine area. 1 250
> w mod trans. for
> > $1oo from 250w GE. excellent. 3 bc610 plate trans.
> $40 each. all
> > excellent. 1 "bc610".w/4-400, 813 in mod. mod iron
> is from 250w rca.
> > this is a homebrew rig built in a bc 610 cabinet.
> it needs to be
> > finished. all parts are in place and mounted.
> needs to be wired and a
> > grid input circuit built,otherwise complete.$350.
> I am not trying to
> > make a buck just get the money I have into it out
> of it.Ebay can kiss
> > my fat ass. Pick up only,or can bring to fall
> hosstraders,also may be
> > able to deliver with in 100miles. can email pics
> if interested.

> >
> >
> >
> >
> >
> >
> > ---------- Yahoo! Groups Sponsor
> >
> >
> >
> > Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
> >
> >
> >
>
>

---
Do you Yahoo!?
The New Yahoo! Search - Faster. Easier. Bingo.
http://search.yahoo.com

# 1755. T-368 " Wanted POST"

Yahoo group: T-368_BC-610
Date: 2003-05-20 04:06:04 UTC
From: pjpilot2000
Topic: 1755  Message: 1755

Just to let the group know , I bought a T-368 transmitter and picked it up today.
I had originally sold this transmitter last year and was able to buy it back from the gentleman and friend ,Glen G.,that I sold it too.

I wish to thank Joe and the other kind members of this group that responded to my post.

You are all a great bunch of guys!!

Kind Regards to all,
73's
Jay
W7PJS

# 1756. Re: 6000 tube?

Yahoo group: T-368_BC-610
Date: 2003-05-21 21:16:16 UTC
From: bflattrmpt
Topic: 1748  Message: 1756

--- In T-368_BC-610@yahoogroups.com, "redmenaced" <redmenaced@y...>
wrote:
> KA2J had a 6000 tube crap out!
>
> Any details, Dave?
>
> Joe

Hi Joe,

I believe the 6000 tube didn't crap out after all. I put a replacement in and my problem disappeared. About 10 minutes later it was back. Put the old tube in and it's worked.

I have an audible "wining" noise that occurs when keying the mike. Sometimes when you drop the carrier and key again it disappears. It doesn't appear to affect the output and is not audible in the modulated carrier. Listening from the outside of the T-3 puts it in the vicinity of the PTO / Int Amp. It occurs now more often than not. Usually, keying the plate relay first, will prevent this wining from occurring. The other day I lost Int Amp Plate current. The replacement tube put things back to normal and the wining quit. Then 10 minutes later wining came back. I then put the old tube back in and the Int Amp Current was still there, and so was the wining.

N3IBX has told me he has had the same wining problem and thinks it was ultrasonics. He tightned screws and connections and his went away. No luck on my end yet. I've tried quite a few things. I'll track it down eventually.

73, Dave.

# 1757. Type C connector.

Yahoo group: T-368_BC-610
Date: 2003-05-22 17:39:10 UTC
From: k1khpjohn
Topic: 1757  Message: 1757

Help!!! I need a type C connector (receive) for my T-368.

# 1758. Looking for Parts

Yahoo group: T-368_BC-610
Date: 2003-05-22 20:55:26 UTC
From: Dale Hagert
Topic: 1758  Message: 1758

I am restoring a recently purchased BC-610E and am looking for the
following items:

main tuning knob and latch assembly
correct band and meter switch knobs
a name plate or a photo copy of one so that I can have one made

The transmitter tunning units are rusty, so I am looking for three
good cases that have been stripped for parts

If anyone can help me please drop me a line.

Thanks
Dale W0IR

# 1759. "C" Connector

Yahoo group: T-368_BC-610
Date: 2003-05-23 02:13:07 UTC
From: Thomas W Leiper
Topic: 1759  Message: 1759

> Date: Thu, 22 May 2003 17:39:10 -0000
> From: "k1khpjohn" <k1khp@...>
> Subject: Type C connector.
> Help!!! I need a type C connector (receive) for my T-368.

Why don't you just change those bulkhead connectors to "N"?

If you insist, I have used "C" connectors for RG-8/11 size cable.
E-Mail me a check and I'll fax one over to you.

Tom

# 1760. RE: [T-368_BC-610] "C" Connector

Yahoo group: T-368_BC-610
Date: 2003-05-23 02:43:06 UTC
From: WF2U
Topic: 1759  Message: 1760

Hi John,

Also, there is a company by the name of Pasternack Enterprises which
specializes in RF connectors and adapters.
Their phone number is 949-261-1920, e-mail : sales@... and web
site: http://www.pasternack.com .
The catalog number for a C connector which fits the RG-8 and RG-213 type
coax is PE4243 and the price is $16.95.

73, Meir WF2U
Landrum, SC
;

-----Original Message-----
> Date: Thu, 22 May 2003 17:39:10 -0000
> From: "k1khpjohn" <k1khp@...>
> Subject: Type C connector.
> Help!!! I need a type C connector (receive) for my T-368.

# 1761. For your interest and amusement/amazement

Yahoo group: T-368_BC-610
Date: 2003-05-23 23:30:05 UTC
From: redmenaced
Topic: 1761  Message: 1761

http://cgi.ebay.com/ws/eBayISAPI.dll?
ViewItem&item=3024470381&category=4671

# 1762. FS: B&W T-368 Transmitter

Yahoo group: T-368_BC-610
Date: 2003-05-24 02:25:43 UTC
From: Bill Coleman N2BC
Topic: 1762  Message: 1762

For Sale, T-368 AM/CW transmitter with documentation, accessories and spares. Details and pictures here: http://home.stny.rr.com/n2bc/FS_T-368.htm

Pick up only near Binghamton, NY - or meet you halfway up to 300 miles or so...

Inquires by Email please.

Thanks & 73, Bill
~~~~~~~~~~~~~~~~
Bill Coleman N2BC
http://home.stny.rr.com/n2bc

[Non-text portions of this message have been removed]
~~~~~~~~~~~~~~~~

# 1763. SOLD: T-368

Yahoo group: T-368_BC-610
Date: 2003-05-24 11:46:18 UTC
From: Bill Coleman N2BC
Topic: 1763  Message: 1763

Regarding my earlier post, 10:25PM 5/23, the T-368 has been sold. Thanks to all who replied.

~~~~~~~~~~~~~~~~

Bill Coleman N2BC
http://home.stny.rr.com/n2bc

[Non-text portions of this message have been removed]
~~~~~~~~~~~~~~~~

# 1764. Needed: T-368 J12 connector

Yahoo group: T-368_BC-610
Date: 2003-05-24 14:24:08 UTC
From: mjcdx
Topic: 1764  Message: 1764

I am looking for a connector for the remote control jack on the back of the T-368. This is jack J12. Can anyone tell me what the proper nomenclature is for that connector or where I can find one?

Thanks,
Mark
W4ZF

# 1765. Possible BC-610 FS?

Yahoo group: T-368_BC-610
Date: 2003-05-28 03:09:18 UTC
From: redmenaced
Topic: 1765  Message: 1765

No, I don't have it, the E-mail is in the ad below.

I didn't go to this hamfest either, this is someone else's post from another list.

Joe

While cruising around at the Mdfma fester today I ran into a guy with a complete set of fairly bc610 coils.
After talking for a while he said it was his second set and he wasnt using the transmitter. He said that he didnt know what he was going to do with it and could probably be talked into selling it. I have no real interest in it, but I figured someone out there would. I dont know the guy, so i cant vouch for the condx of the rig or anything else about it or him, but I'm sure one of you may want to contact him. His email was --aa3nm@... (delete the dashes) He lives in the Gaithersburg Md. area.

The Slab Bacon

# 1766. FS Radio TV News - 57 issues. aka Electronics World.

Yahoo group: T-368_BC-610
Date: 2003-05-28 03:38:19 UTC
From: R.J. Mattson
Topic: 1766  Message: 1766

For Sale: RADIO TV NEWS. 57 issues. 1944 to 1960. $20.00
Sample: http://www.hvinet.com/rjmattson/radiotvnews
Bob Mattson...W2AMI

# 1767. SOLD Radio TV News - 57 issues.

Yahoo group: T-368_BC-610
Date: 2003-05-29 00:38:02 UTC
From: R.J. Mattson
Topic: 1767  Message: 1767

SOLD Radio TV News. Thanks to all who replied.
Bob...W2AMI

----- Original Message -----

For Sale: RADIO TV NEWS. 57 issues. 1944 to 1960. $20.00
Sample: http://www.hvinet.com/rjmattson/radiotvnews
Bob Mattson...W2AMI

# 1768. CU-45/MRQ-2 Antenna Tuner For Sale

Yahoo group: T-368_BC-610
Date: 2003-06-01 19:53:30 UTC
From: Walter Wilson
Topic: 1768  Message: 1768

I have a B&W CU-45 antenna tuner for sale. On the outside, it looks a lot like the BC-939. I understand this version was designed primarly to tune mobile whips, although a previous owner used it on 160 meters with a random wire.

Asking $140 plus shipping before this one goes to eBay. Will post pictures here:

# 1769. Re: CU-45/MRQ-2 Antenna Tuner For Sale (with link to pictures)

Yahoo group: T-368_BC-610
Date: 2003-06-01 20:02:37 UTC
From: Walter Wilson
Topic: 1768  Message: 1769

--- In T-368_BC-610@yahoogroups.com, "Walter Wilson" <kk4df@y...>
wrote:
> I have a B&W CU-45 antenna tuner for sale. On the outside, it
looks
> a lot like the BC-939. I understand this version was designed
> primarly to tune mobile whips, although a previous owner used it on
> 160 meters with a random wire.
>
> Asking $140 plus shipping before this one goes to eBay. Will post
> pictures here:

Here is the link to the pictures:
http://www.knology.net/~wewilson/CU45Tuner.htm

# 1770. BC-610 Registry Addition

Yahoo group: T-368_BC-610
Date: 2003-06-04 15:38:33 UTC
From: rbethman@comcast.net
Topic: 1770  Message: 1770

First Name: Bob
Last Name: Bethman
Call: N0DGN
email: rbethman@...
BC-610 Model: BC-610-I/T-213/GRC-26
BC-610I Modified by Depot in 1959
Only discernible change is removal of
porcelain output insulators.
T-213/GRC-26 Plate placed over BC-610
Plate.
Order Number: 18723-PHILA-49
Manufacturer: B&W
Serial Number: 65

BC-614 Model: I
Order Number: 3464-PHILA-52
Serial Number: 51

Saved by Robert Downs, delivered by Lon Cottingham.

Full set of PA coils, Full set of Tuning Units

Bob Bethman
N0DGN

# 1771. Dead keys 600 watts on 10 meters?

Yahoo group: T-368_BC-610
Date: 2003-06-05 07:12:28 UTC
From: James M. Walker
Topic: 1771  Message: 1771

Well,
Here is an interesting T-368, and description!!!
http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=3028573496&category=4675
Hum wonder where it has been used, if at all and also how it was moved
to 10
meter operation.
Jim
WB2FCN

# 1772. BC-610-E (careful)

Yahoo group: T-368_BC-610
Date: 2003-06-05 07:55:09 UTC
From: James M. Walker
Topic: 1772  Message: 1772

OK,
so I am bored. Here is a BC-610 with BC-614 speech amp, and antenna
tuner BC-939. Careful with this one obvious signs of changes in the HV
section.
As in the rectifier tubes are mounted above the chassis, which could
lead
to shorted leads to/from the filament tranny, and also arcing to the HV
line going to the choke. CAREFUL! Item in as follows
http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=3028494932&category=4675
Jim
WB2FCN

# 1773. Re: [T-368_BC-610] Dead keys 600 watts on 10 meters?

Yahoo group: T-368_BC-610
Date: 2003-06-05 17:11:47 UTC
From: w7qho@aol.com
Topic: 1771  Message: 1773

In a message dated 6/5/03 12:16:26 AM, chejmw@... writes:

> Well,
> Here is an interesting T-368, and description!!!
> http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=3028573496&category=4675
> Hum wonder where it has been used, if at all and also how it was moved
> to 10
> meter operation.
>

All,

Looks totally stock to me. Suspect some ePay BS here.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 1774. VTVM?

Yahoo group: T-368_BC-610
Date: 2003-06-06 01:17:30 UTC
From: redmenaced
Topic: 1774  Message: 1774

While we're advertising stuff for sale on E-bay, here is a TS-505 that is probably the best looking one I've seen on there, but looks don't mean much.

This IS, however, the early TS-505 "A" model which was built by Phaostron, the original contractor, in 1952, they were slightly more accurate than the later models.

It doesn't have the retro-fit bezel that allowed zeroing the meter needle.

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=2535496369&category=25412

Joe

# 1775. 'nother Phaostron

Yahoo group: T-368_BC-610
Date: 2003-06-06 01:21:47 UTC
From: redmenaced
Topic: 1775  Message: 1775

http://cgi.ebay.com/ws/eBayISAPI.dll?
ViewItem&category=25412&item=2535496527

# 1776. Re: [T-368_BC-610] Dead keys 600 watts on 10 meters?

Yahoo group: T-368_BC-610
Date: 2003-06-06 03:02:11 UTC
From: w7qho@aol.com
Topic: 1771  Message: 1776

In a message dated 6/5/03 12:16:26 AM, chejmw@... writes:

> Here is an interesting T-368, and description!!!
> http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=3028573496&category=4675
> Hum wonder where it has been used, if at all and also how it was moved
> to 10
> meter operation.
>

All,

I queried the seller on this. He's a ham, BTW, and replied that he was driving the PA with an external rig on 20, 15 and 10M. I knew the T-3s would work on 15, but surprised the Pi-L output tank would resonate as high as 28 mHz. Anyone on the list ever try this?

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 1777. help items needed

Yahoo group: T-368_BC-610
Date: 2003-06-09 14:11:07 UTC
From: David Adams
Topic: 1777  Message: 1777

hello out there 610 owners i am looking for a couple of items on the bc610 model F i need the two jewles red and green on the front and the two handles for one side if any of u have or know where there is a salvage unit thx wd5bzo@...

---
Do you Yahoo!?
Free online calendar with sync to Outlook(TM).

[Non-text portions of this message have been removed]

# 1778. Big sale!

Yahoo group: T-368_BC-610
Date: 2003-06-10 21:43:04 UTC
From: redmenaced
Topic: 1778  Message: 1778

The BC-610 on E-bay went for over $1K!!

http://cgi.ebay.com/ws/eBayISAPI.dll?
ViewItem&item=3028494932&category=4675

# 1779. Re: bc-610

Yahoo group: T-368_BC-610
Date: 2003-06-16 23:04:34 UTC
From: Joe Foley
Topic: 1779  Message: 1779

Well, I'm not the Slab Bacon, but I will post this to
the BC-610/T-368 list and see what happens.

Joe KG2CI

--- Jerry Kidd <n5ugw@...> wrote:
> Hey Bacon, did anyone contact the guy who said he
> wasn't using his bc-
> 610 and had the coils?? I'm lookin for a t-3 or
> 610..
>

_____
Do you Yahoo!?
SBC Yahoo! DSL - Now only $29.95 per month!
http://sbc.yahoo.com

# 1780. BC-610

Yahoo group: T-368_BC-610
Date: 2003-06-17 01:25:38 UTC
From: yardleyite@aol.com
Topic: 507  Message: 1780

Well, I'm not the Slab Bacon, but I will post this to the BC-610/T-368 list and see what happens. Joe KG2CI Joe, I contacted him and he mentioned to me that he'd like to work on it a bit before deciding to sell. I was curious myself if he wanted to sell it. All I can say is may the best man get it if he decides to sell and may all those involved be happy with the deal. BTW, The "Slab Bacon" - Frank KB3AHE is a good friend of mine and I'm happy he mentioned it as it appeared to be for sale at the time. Best Regards, "Vortex Joe" - N3IBX Joseph Cro N3IBX Collins, Heathkit, Hallicrafters Drake, National, and General Boatanchor language spoken here: N3IBX Basement of Boatanchors (http://hometown.aol.com/yardleyite/index.html) N3IBX Boatanchor Website (http://members.aol.com/yardleyite/collect/index3.htm) N3IBX AM Studios: (http://www.geocities.com/n3ibx/N3IBX.html?1000084610680) Collins Radio Association Member # 122 AM International Member # 1280 [Non-text portions of this message have been removed]

# 1781. Price range for a bc-610

Yahoo group: T-368_BC-610
Date: 2003-06-18 16:29:19 UTC
From: Jerry Kidd
Topic: 1781  Message: 1781

Being new to the adventure of aquiring a bc-610.. what is the general consensis of the non-ebay price range one should expect. I have seen a very wide condition stable in my search and I thing I need some guidence from experianced buyers. For an example one seller has a 610 w/ no back, one coil set for 160, a working 614 all in rough condition and he wants a grand.. does this seem in line or over the line??

# 1782. Re: [T-368_BC-610] Price range for a bc-610

Yahoo group: T-368_BC-610
Date: 2003-06-18 17:02:58 UTC
From: n7oo@theriver.com
Topic: 1781  Message: 1782

Jerry most of the prices I see today seem high to me, but then too, the availability of complete clean operational BC-610 (systems) are pretty scarce. I'n not sure that not having a back panel is a big minus as it's fairly common to leave these off for ventilation purposes. "Roughness" is another matter. I acquired my 610E in rough condition and it's a non-trivial task to re-wrinkle and silk screen the panels.
My opinion that 1 grand for a rough '610/614 less antenna tuner and minus a complete supporting frequency compliment is on the high side.

73 de Jack

> Being new to the adventure of aquiring a bc-610.. what is the general
> consensis of the non-ebay price range one should expect. I have seen a
> very wide condition stable in my search and I thing I need some
> guidence from experianced buyers. For an example one seller has a 610
> w/ no back, one coil set for 160, a working 614 all in rough
> condition and he wants a grand.. does this seem in line or over the
> line??
>

# 1783. Reading E-mail

Yahoo group: T-368_BC-610
Date: 2003-06-18 18:58:15 UTC
From: Charles East
Topic: 1783  Message: 1783

Jerry ,you wanted a quote for a set on tunners and coils for 160,80,40 and 20 and that was what I quoted...The 160 set in $200 alone..I included the 80,40,and 20 in the grand...Your choice if two I models Both still work and the 614..+ cables...( homenmade)...Try to find a mic connector for a 614...I can part these out for more, but its nice not packing and shipping even at someone elses expense...
Larry said:
>>>Ok help me put this together. I want one BC-610, One bc-614 a back for the rig and coils for 160-80-40-20 and a suitable tuner for the bc-610... if you have it all price it as a package. Or price all you have and list what is in the package and price total.>>

IF I qouted without the set of tuners and coils for each band I did not mean to..
Anyway, Your pick at belton...One B-610 (your choice), 1 ea 614, Each band 160 80 40 20 coils and tuners..The 160 plate coil is a varible link and is in new condition...Try to find one of those.. and one back that needs refinished...$1000
Anyone else with In put as to why this is high I'd like your Input...

Had a friend that sold an unopened BC-610 in tha crate but Buyer took it "as opened"....Asked and got $2500 + delivery...You can do alot of painting for $1500..Larry worst that can happen is you don't like what you see and pass it up..I was going to belton anyway .Let me know....Thanks..

# 1784. FYI

Yahoo group: T-368_BC-610
Date: 2003-06-21 00:40:22 UTC
From: redmenaced
Topic: 1784  Message: 1784

http://www.milradio.org/

# 1785. And another one,

Yahoo group: T-368_BC-610
Date: 2003-06-21 00:46:34 UTC
From: redmenaced
Topic: 1785  Message: 1785

http://www.nd2x.net/tube-prep.html

# 1786. Re: [Milsurplus] demill law H. R. 1588 to affect mil rads.

Yahoo group: T-368_BC-610
Date: 2003-06-25 21:48:50 UTC
From: Joe Foley
Topic: 1786  Message: 1786

IT'S BACK!!!!!

Let's all make it go away, this time for ever?

> DEMILL LAW rears its ugly head again.
>
> Yes, they would seek to confiscate our green radios
> and vehicles.
>
> It's a danger to our hobby of collecting military
> radios.
>
> please read on:
>
>
> GENTLEMEN,
> Once again we must put aside our
> differences, and
> unite as one against the common enemy we have
> defeated twice in the
> past
> three years, only to see it rise again to challenge
> us.
>
> The 'National Defence Authorization
> Act for Fiscal
> Year 2004' has been
> put on the congressional calendar as Senate Bill
> S.747, and House of
> Representatives Bill H. R. 1588.
> S.747 contains Section 1047. H.
> R. 1588 contains
> Section 1044.
> There is no need for me to tell you what these two
> (2) sections are
> about.
>
> Following my head's up is the
> unedited text of Sec.
> 1047. At the
> bottom of the page I have proved URL's to the
> Library of Congress web
> site of both House and Senate versions of the DEMIL
> Section. Fiscal
> Year 2004 starts 1 October 2003, which means this

> bills have to be
> voted
> upon by Congress during the months of July and
> August 2003.
> By the way, July is next week.
>
>
> LANCE
>
> MVPA 22125
>
> **********
> S.747
> National Defense Authorization Act for Fiscal Year
> 2004 (Introduced in
> Senate)
>
---
> -------
> SEC. 1047. AUTHORITY TO ENSURE DEMILITARIZATION OF
> SIGNIFICANT
> MILITARY
> EQUIPMENT FORMERLY OWNED BY THE DEPARTMENT OF
> DEFENSE.
>
> (a) IN GENERAL- Chapter 153 of title 10, United
> States Code, is
> amended
> by inserting after section 2582 the following new
> section:
>
> `Sec. 2583. Continued authority to require
> demilitarization of
> significant military equipment after disposal
>
> `(a) AUTHORITY TO REQUIRE DEMILITARIZATION- The
> Secretary of Defense
> may
> require any person in possession of significant
> military equipment
> formerly owned by the Department of Defense--
>
> `(1) to demilitarize the equipment ;
> `(2) to have the equipment demilitarized by a third
> party; or
> `(3) to return the equipment to the U.S. Government
> for
> demilitarization.
>
> `(b) COST AND VALIDATION OF DEMILITARIZATION- When

> the
> demilitarization
> of significant military equipment is carried out by
> the person in
> possession of the equipment pursuant to paragraph
> (1) or (2) of
> subsection (a), the person shall be solely
> responsible for all
> demilitarization costs, and the United States shall
> have the right to
> validate that the equipment has been demilitarized.
>
> `(c) RETURN OF EQUIPMENT TO THE UNITED STATES
> GOVERNMENT- When the
> Secretary of Defense requires the return of
> significant military
> equipment for demilitarization by the United States
> Government, the
> Secretary shall bear all costs to transport and
> demilitarize the
> equipment . If the person in possession of the
> significant military
> equipment obtained the property in the manner
> authorized by law or
> regulation and the Secretary determines that the
> cost to demilitarize
> and
> return the property to the person is prohibitive,
> the Secretary shall
> reimburse the person for the fair market value of
> the property or, if
> the
> fair market value is not readily ascertainable, the
> purchase cost of
> the
> property and for the reasonable transportation costs
> incurred by the
> person to purchase the equipment .
>
> `(d) ESTABLISHMENT OF DEMILITARIZATION STANDARDS-
> The Secretary of
> Defense may prescribe by regulation what constitutes
> demilitarization
> for
> each type of significant military equipment .
>
> `(e) EXCEPTIONS- This section does not apply--
>
> `(1) when a person is in possession of significant
> equipment formerly

> owned by the Department of Defense for the purpose
> of demilitarizing
> the
> equipment pursuant to a United States Government
> contract;
>
> `(2) to small arms weapons issued under the Defense
> Civilian
> Marksmanship
> Program established in title 36, United States Code;
>
> `(3) to issues by the Department of Defense to
> museums where
> demilitarization has been performed in accordance
> with departmental
> regulations; and
>
> `(4) to other issues and un demilitarized
> significant military
> equipment
> under the provisions of departmental regulations.
>
> `(f) DEFINITION OF SIGNIFICANT MILITARY EQUIPMENT -
> In this section,
> the
> term `significant military equipment' means--
>
> `(1) an article for which special export controls
> are warranted under
> the
> Arms Export Control Act (22 U.S.C. 2751 et seq.)
> because of its
> capacity
> for substantial military utility or capability, as
> identified on the
> United States Munitions List maintained under sect
> 121.1 of title 22,
> Code of Federal Regulations; and
>
> `(2) any other article designated by the Department
> of Defense as
> requiring demilitarization before its disposal.'.
>
> (b) CLERICAL AMENDMENT- The table of sections at the
> beginning of such
> chapter is amended by adding at the end the
> following new item:
>
> `2583. Continued authority to require
> demilitarization of significant

> military equipment after disposal.'
>
>
http://thomas.loc.gov/cgi-bin/query/F?c108:1:./temp/~c108hvCVmt:e292968:
>
> ****************************************
> H.R.1588
> National Defense Authorization Act for Fiscal Year
> 2004 (Introduced in
> House)
>
---
> -------
>
=== message truncated ===

---
Do you Yahoo!?
SBC Yahoo! DSL - Now only $29.95 per month!
http://sbc.yahoo.com

# 1787. Paint Info?

Yahoo group: T-368_BC-610
Date: 2003-07-02 01:45:25 UTC
From: K3PID
Topic: 1787  Message: 1787

I know that I saw this somewhere but can't recall where.... What paint/primer etc can I use to repaint the T-3 ( and R-390 too)?

K3PID

[Non-text portions of this message have been removed]

# 1788. BC-610E meters - A request for information

Yahoo group: T-368_BC-610
Date: 2003-07-03 13:53:03 UTC
From: Jorge Gomes
Topic: 1788  Message: 1788

Greetings to the list,

I would very much appreciate having your comments on the number and type of the possible cosmetic variations that can be found on the meters of the BC-610E.

Any indication of their correlation to manufacturing series or other significant details will be greatly appreciated.

Thanks in advance and very best regards from sunny Portugal,

Jorge

# 1789. Casters for T-3

Yahoo group: T-368_BC-610
Date: 2003-07-06 01:18:01 UTC
From: K3PID
Topic: 1789  Message: 1789

W1UJR's web page recommends a caster from Grainger (model 1G042) but it doesn't show up in a parts search at the Grainger web page. Anyone have a cross reference?

Ron - K3PID

[Non-text portions of this message have been removed]

# 1790. Re: [T-368_BC-610] Casters for T-3

Yahoo group: T-368_BC-610
Date: 2003-07-06 16:13:54 UTC
From: Scott Seickel
Topic: 1789  Message: 1790

Home Depot has an excellent selection of casters. Get the really
heavy duty ones. They are about $15 each. You can bolt them on
or weld them on as I just did.

Scott

----- Original Message -----
From: K3PID
To: T-368_BC-610@yahoogroups.com
Sent: Saturday, July 05, 2003 9:18 PM
Subject: [T-368_BC-610] Casters for T-3

W1UJR's web page recommends a caster from Grainger (model 1G042) but it doesn't show up in a parts search at the Grainger web page. Anyone have a cross reference?

Ron - K3PID

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 1791. Re: [T-368_BC-610] Casters for T-3

Yahoo group: T-368_BC-610
Date: 2003-07-06 22:38:04 UTC
From: James M. Walker
Topic: 1789  Message: 1791

Hi Guys,
a quick question and comment. Question: are you using the mount for
mobile
operation of the T-368? If so it takes more space and can be removed
quite
easily. Comment once the base plate is removed the T-368 sits nicely on
a
furniture mover from Home Depot or Harbor Freight at 14.99 for the whole
thing with 4 casters rated for 700 pounds and once the T-3 is on it it
moves
very easily with swivel casters on all four corners! Just a heads up and
FYI.
Jim
WB2FCN

Scott Seickel wrote:
>
> Home Depot has an excellent selection of casters. Get the really
> heavy duty ones. They are about $15 each. You can bolt them on
> or weld them on as I just did.
>
> Scott
>
> ----- Original Message -----
> From: K3PID
> To: T-368_BC-610@yahoogroups.com
> Sent: Saturday, July 05, 2003 9:18 PM
> Subject: [T-368_BC-610] Casters for T-3
>
> W1UJR's web page recommends a caster from Grainger (model 1G042) but it doesn't show up
in a parts search at the Grainger web page. Anyone have a cross reference?
>
> Ron - K3PID
>
> [Non-text portions of this message have been removed]
>
> Yahoo! Groups Sponsor
> ADVERTISEMENT
>
>
>
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
> [Non-text portions of this message have been removed]

>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 1792. Re: [T-368_BC-610] Casters for T-3

Yahoo group: T-368_BC-610
Date: 2003-07-07 02:44:47 UTC
From: Jerry Kincade
Topic: 1789  Message: 1792

I suppose "mobile" is a relative term, but in any case I'd recommend extending the fore-and-aft "footprint" of the base a few inches. If you get the modulator drawer or even the RF drawer extended partway and begin jacking around with it (which you will have to do), and the unit is mounted on casters that are too close together underneath, a very serious situation can quickly develop. These were much nicer to deal with on the ship, where they were bolted down to a steel deck. On my Crosley I mounted a couple of HEAVY aluminum 2x4 rectangular tubing rails underneath each side, extending them both out 4" from the base. Heavy duty 4" casters (with brakes) were then mounted to the underside of the rails near their ends. The result was a very easy to roll around and very stable setup.

I still haven't figured out an easy and safe procedure to remove and replace the modulator drawer without help, though. I've done it alone a couple of times, and both times kind of scared myself using the old 2x8 prop method. I'd be interested in hearing how you brutes out there do it. I've never actually weighed it, but the mod drawer for sure outweighs me (I'm 6'-3", 220 lb), and it's nowhere near as heavy as the power supply drawer, which thank God is on the bottom (gee, I wonder why). The only saving grace is if I drop the PS drawer, it doesn't have far to fall!

73, Jerry W5KP

----- Original Message -----
From: "James M. Walker" <chejmw@...>
To: "Scott Seickel" <polaraligned@...>
Cc: <T-368_BC-610@yahoogroups.com>; "K3PID" <k3pid@...>
Sent: Sunday, July 06, 2003 5:38 PM
Subject: Re: [T-368_BC-610] Casters for T-3

> Hi Guys,
> a quick question and comment. Question: are you using the mount for
> mobile
> operation of the T-368? If so it takes more space and can be removed
> quite
> easily. Comment once the base plate is removed the T-368 sits nicely on
> a
> furniture mover from Home Depot or Harbor Freight at 14.99 for the whole
> thing with 4 casters rated for 700 pounds and once the T-3 is on it it
> moves
> very easily with swivel casters on all four corners! Just a heads up and
> FYI.
> Jim
> WB2FCN
>
>

> Scott Seickel wrote:
> >
> > Home Depot has an excellent selection of casters. Get the really
> > heavy duty ones. They are about $15 each. You can bolt them on
> > or weld them on as I just did.
> >
> > Scott
> >
> > ----- Original Message -----
> > From: K3PID
> > To: T-368_BC-610@yahoogroups.com
> > Sent: Saturday, July 05, 2003 9:18 PM
> > Subject: [T-368_BC-610] Casters for T-3
> >
> > W1UJR's web page recommends a caster from Grainger (model 1G042) but
it doesn't show up in a parts search at the Grainger web page. Anyone have a
cross reference?
> >
> > Ron - K3PID
> >
> > [Non-text portions of this message have been removed]
> >
> > Yahoo! Groups Sponsor
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> >
> >
> > Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
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> > [Non-text portions of this message have been removed]
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> > Your use of Yahoo! Groups is subject to
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>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 1793. Exciter for a T-378?

Yahoo group: T-368_BC-610
Date: 2003-07-11 01:16:27 UTC
From: redmenaced
Topic: 1793  Message: 1793

http://cgi.ebay.com/ws/eBayISAPI.dll?
ViewItem&item=3034200822&category=4674

# 1794. JB-70

Yahoo group: T-368_BC-610
Date: 2003-07-11 22:09:14 UTC
From: ROBERT BETHMAN
Topic: 1794  Message: 1794

List members:

I'd like to locate one or two of the JB-70s that was originally used
with the BC-610 and BC-614.

This allows for "remote" keying of the BC-610.

I'd rather go this route than start modifying my two BC-610s and BC-614s

Bob Bethman
N0DGN
Radio Manassas, VA
rbethman@...

# 1795. Looking for a C-1218/GR part of AN/GRC-38

Yahoo group: T-368_BC-610
Date: 2003-07-11 23:11:57 UTC
From: ROBERT BETHMAN
Topic: 1795  Message: 1795

List members:

I'd like to locate one or two of the C-1218/GR part of AN/GRC-38.

This will allow for "remote" keying of the BC-610.

I'd rather go this route than start modifying my two BC-610s and BC-614s

Bob Bethman
N0DGN
Radio Manassas, VA
rbethman@...

# 1796. Looking for CY-1218/GRC

Yahoo group: T-368_BC-610
Date: 2003-07-11 23:21:55 UTC
From: ROBERT BETHMAN
Topic: 1796  Message: 1796

My error.

List members:

I'd like to locate one or two of the "CY-1218/GRC" part of AN/GRC-38.

This will allow for "remote" keying of the BC-610.

I'd rather go this route than start modifying my two BC-610s and BC-614s

Bob Bethman
N0DGN
Radio Manassas, VA
rbethman@...

# 1797. T-3 For Sale

Yahoo group: T-368_BC-610
Date: 2003-07-15 22:34:32 UTC
From: redmenaced
Topic: 1797  Message: 1797

This is from the AM Window BBS page:

Posted by Jerry/n5ugw on July 15, 19103 at 04:06:58:

A friend of mine down here in TEXAS (DFW)has his T-368 up for sale. I have not seen the rig, but reliable sources give this report. Condition execlent, working 100%. The asking price is $1300 and the call sign of the owner is K5YWL-Emiel. That's all I know..... anyone want to purchase a college student for $1300... how about rent a kid for $1300... darnit....

# 1798. There is a BC-610 available in Georgia!

Yahoo group: T-368_BC-610
Date: 2003-07-21 21:56:22 UTC
From: rbethman
Topic: 1798  Message: 1798

ALL,

At the moment I don't have permission to put out the whom and where.

HOWEVER, I was asked if I knew of anyone wanting one. I do NOT know which model, nor condition, nor what all components are with it. I will post ALL information as soon as I receive it, and permission to publish the WHOM and the WHERE.

--
Bob Bethman - N0DGN


+------------------------------+----------------------------------+
| N0DGN AMRadio Manassas, VA | Home Builder |
+------------------------------+----------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| rbethman@... \\ ~ ~ // signal does *NOT* mean |
| (/ @ @ /) that everything is OK " |
+-------------------------oOOo-(_)-oOOo----------------------------+
| |
| 2 BC-610s w/BC-614s, 2 R-390As - 1 Collins 1 Eac |
| Heathkit DX-60, Apache, Mohawk, SX-101, HT-32A |
+------------------------------------------------------------------+
| Opinions expressed are that of my own and do not necessarily |
| coincide with or represent those of ANYONE else |
+------------------------------------------------------------------+

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# 1799. There is a BC-610 available in Georgia! and here is the man with the plan!

Yahoo group: T-368_BC-610
Date: 2003-07-21 23:23:36 UTC
From: rbethman
Topic: 1799  Message: 1799

For those that want more definitive information, if Ed doesn't know it,
I'll be down in his "backyard" in about three weeks. If Ed goes along
with an "eyeball", I'll get all the particulars and perhaps take some
digital photos.

Ed - I'll be in Acworth.

Bob

>
Ed Tanton wrote:

Sure Bob... I'd appreciate it. I don't think the thing is shippable. I'd
only want whatever is reasonable for one. I THINK this is one of the
later ones, with hermetic transformer(s)... but don't know enough about
them to say for sure. I sort of came by it about 15 (or more) years ago,
and it's just sitting there being the veritable definition of MATTER:
e.g. it has WEIGHT and OCCUPIES SPACE!!!

>Ed Tanton wrote:
>
>>Know anybody looking for a BC-610 PS Bob? I have one that I'd like to sell.
>>
>>
>>

73 Ed Tanton N4XY <n4xy@...>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: http://www.n4xy.com

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

---
"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."
--Mark Twain
---

--
Bob Bethman - N0DGN


+------------------------------+----------------------------------+
| N0DGN AMRadio Manassas, VA | Home Builder |
+------------------------------+----------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| rbethman@... \\ ~ ~ // signal does *NOT* mean |
| (/ @ @ /) that everything is OK " |
+-------------------------oOOo-(_)-oOOo----------------------------+
| |
| 2 BC-610s w/BC-614s, 2 R-390As - 1 Collins 1 Eac |
| Heathkit DX-60, Apache, Mohawk, SX-101, HT-32A |
+------------------------------------------------------------------+
| Opinions expressed are that of my own and do not necessarily |
| coincide with or represent those of ANYONE else |
+------------------------------------------------------------------+

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# 1800. T-3 Air Exhaust cover?

Yahoo group: T-368_BC-610
Date: 2003-07-23 21:05:04 UTC
From: K3PID
Topic: 1800  Message: 1800

I am trying to repaint etc. my T-3 but I can't find any info on the cover/deflector/filter whatever that was originally installed over the exhaust vent. ( top, left of rear panel). Does anyone have some pictures or even drawings that show the details of this area? My scanned copies of the manuals have such poor quality images that I can't tell what was there.

Tnx
K3PID - Ron H.

PS: Now that I am the very proud owner of a T-3, how/where do I get my info into the registry???

# 1801. Re: [T-368_BC-610] T-3 Air Exhaust cover?

Yahoo group: T-368_BC-610
Date: 2003-07-23 23:43:01 UTC
From: w7qho@aol.com
Topic: 1800  Message: 1801

In a message dated 7/23/03 2:43:26 PM, k3pid@... writes:

> I am trying to repaint etc. my T-3 but I can't find any info on the
> cover/deflector/filter whatever that was originally installed over the
> exhaust vent. ( top, left of rear panel). Does anyone have some pictures or
> even drawings that show the details of this area? My scanned copies of the
> manuals have such poor quality images that I can't tell what was there.
>

Ron,

The vent opening in my "Basic" model is covered by a brass screen, with about the same mesh size as would be found on a standard screen door. Held in place by a brass frame plate on the inner surface cut out to match the opening in the back panel. Neither the frame plate nor the screen are painted on my rig.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 1802. Re: [T-368_BC-610] T-3 Air Exhaust cover?

Yahoo group: T-368_BC-610
Date: 2003-07-25 02:43:40 UTC
From: Joe Foley
Topic: 1800  Message: 1802

> Ron,
>
> The vent opening in my "Basic" model is covered by a
> brass screen, with about
> the same mesh size as would be found on a standard
> screen door. Held in
> place by a brass frame plate on the inner surface
> cut out to match the opening in
> the back panel. Neither the frame plate nor the
> screen are painted on my
> rig.
++++++++++
Yup, 'bout the same on my "E", maybe "F" model.

NOw the duct on the intake side is something to
behold! It wraps around the left side of the cabinet
and has a big brass filter in it.

Joe

_____
Do you Yahoo!?
Yahoo! SiteBuilder - Free, easy-to-use web site design software
http://sitebuilder.yahoo.com

# 1803. Re: [T-368_BC-610] T-3 Air Exhaust cover?

Yahoo group: T-368_BC-610
Date: 2003-07-25 02:45:45 UTC
From: Joe Foley
Topic: 1800  Message: 1803

> 
> PS: Now that I am the very proud owner of a T-3,
> how/where do I get my info
> into the registry???
+++++++++
Hmm,.....

N2BC was keeping track of that the last I knew, but we
haven't seen a copy of it in months, HINT!

Joe

_____
Do you Yahoo!?
Yahoo! SiteBuilder - Free, easy-to-use web site design software
http://sitebuilder.yahoo.com

# 1804. Re: [T-368_BC-610] T-3 Air Exhaust cover?

Yahoo group: T-368_BC-610
Date: 2003-07-25 11:48:14 UTC
From: Jerry Kincade
Topic: 1800  Message: 1804

Yep, last I heard the Keeper Of The Registry was Bill at n2bc@... ,
although I haven't seen an update posted lately.
73, Jerry W5KP

----- Original Message -----
From: "Joe Foley" <redmenaced@...>
To: <t-368_bc-610@yahoogroups.com>
Sent: Thursday, July 24, 2003 9:45 PM
Subject: Re: [T-368_BC-610] T-3 Air Exhaust cover?

> 
> > 
> > > PS: Now that I am the very proud owner of a T-3,
> > > how/where do I get my info
> > > into the registry???
> > +++++++++
> > Hmm,.....
> > 
> > N2BC was keeping track of that the last I knew, but we
> > haven't seen a copy of it in months, HINT!
> > 
> > Joe
> > 
> > 
> > 
> > 
> > 
> > _____
> > Do you Yahoo!?
> > Yahoo! SiteBuilder - Free, easy-to-use web site design software
> > http://sitebuilder.yahoo.com
> > 
> > 
> > 
> > 
> > 
> > Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
> > 
> > 
> > 

# 1805. T-368 Registry

Yahoo group: T-368_BC-610
Date: 2003-07-25 13:27:37 UTC
From: billn2bc
Topic: 616  Message: 1805

Hi Joe, you woke me up! ;-)

I haven't sent out the registry because it always online! Go to the
T-3 page in YAHOO,

here: http://groups.yahoo.com/group/T-368_BC-610/

Then in the left panel, use the link for DATABASE. I guess I
should periodically post a pointer.

Anywho, check it out. Registry updates to me, direct email or posted
here will be fine. I'll be sure to put out a notice when an update
happens.

73, Bill

n2bc@...

# 1806. FS: BC-610F in E. Texas

Yahoo group: T-368_BC-610
Date: 2003-07-25 18:33:28 UTC
From: billn2bc
Topic: 1806  Message: 1806

Posting for W5JGI, inquiries to Jim Hyde, W5JGI, jhyde@...

~~~~~~~~~~~~~~~~~~~~~~

BC-610F; has been used on the air by a ham. It has external drive jack, ant. changeover relay, 13 assorted coils, 13 assorted tuning units, BC-614 with connecting cable, original manual, AND is on casters. The cabinet is excellent, although the top cover could use refinishing (as usual). The interior is pristine - beautiful. It looks to me like a "plug-and-play", though the power cord is missing. I have many pictures that I will gladly email to interested parties. NOTE: I have an F model just like this one on the air, and it has worked beautifully on 160 thru 15 mtrs., both on AM and as SSB amp. for many years. This one has everything needed except a 15 mtr. coil, (which I made for mine) to do the same thing. The price is $1500., though a somewhat lower offer might be accepted. Location is E. Texas.

Jim Hyde, W5JGI, Many,La., <jhyde@...>
~~~~~~~~~~~~~~~~~~~~~~

# 1807. T-368 Registry Update

Yahoo group: T-368_BC-610
Date: 2003-07-25 18:37:18 UTC
From: billn2bc
Topic: 1807  Message: 1807

Added T-368F for KC9VF.

As promised, here's a pointer to the registry:

http://groups.yahoo.com/group/T-368_BC-610/database?
method=reportRows&tbl=1

# 1808. Re: [T-368_BC-610] T-3 Air Exhaust cover?

Yahoo group: T-368_BC-610
Date: 2003-07-26 01:21:04 UTC
From: Joe Foley
Topic: 1800  Message: 1808

--- Jerry Kincade <w5kp@...> wrote:
> Yep, last I heard the Keeper Of The Registry was
> Bill at n2bc@... ,
> although I haven't seen an update posted lately.
> 73, Jerry W5KP
+++++
I wonder if we could get a posting of the BC-610
registry, too? Maybe even the HT-4 registry, small as
it is.

Joe

_____
Do you Yahoo!?
Yahoo! SiteBuilder - Free, easy-to-use web site design software
http://sitebuilder.yahoo.com

# 1809. T-946/GRC-129

Yahoo group: T-368_BC-610
Date: 2003-07-28 17:01:33 UTC
From: Ken Warren
Topic: 1809  Message: 1809

I noticed in Sundays paper a T946/GRC-129 for sale in the Portland area. For those that are not familiar with this, it is the SSB version of a T-368. I don't know if it is still available but I will obtain the phone number if anyone is interested. Keep in mind that the T-946 is pretty much a linear amp with all of the am stuff removed. It requires external excitation and I do not know if the rest of the external gear is available or not.

Ken Warren K7RPX

# 1810. T-3 Air Exhaust ...MORE INFO

Yahoo group: T-368_BC-610
Date: 2003-07-28 20:39:18 UTC
From: K3PID
Topic: 1810  Message: 1810

Well I am pretty much convinced that the "shadow" that I see is from something that someone added to deflect the air. I took a couple of pictures to let the group decide for sure but now I can't seem to see alt.binaries.pictures.radio ! I go to the group but there isn't anything there!!! I even tried to post a test message (Hello! Anyone there) but it didn't show up. Might be something Comcast did! Maybe the thought those sexy old Zeniths were out of scope...Hi Hi.
Anyway, back to the subject, I'll send a picture to those who responded directly to see if everyone concurs!

Tnx
K3PID Ron H.

[Non-text portions of this message have been removed]

# 1811. PTT modification for BC-610 and/or T-213

Yahoo group: T-368_BC-610
Date: 2003-07-29 04:45:25 UTC
From: rbethman
Topic: 1811  Message: 1811

Looking for details in making the BC-610 and T-213 PTT modification.

I have heard all it takes is a relay in the BC-614E.

Would appreciate schematic(s), details to include pics.

Going insane flipping switches to go to TX to RX and back to TX!

Please contact direct. (Unless others want the same info. - Then we'll
do ON-LIST

Bob Bethman - N0DGN

```
+------------------------------+---------------------------------+
| N0DGN AMRadio Manassas, VA | Home Builder |
+------------------------------+---------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| rbethman@... \\ ~ ~ // signal does *NOT* mean |
| (/ @ @ /) that everything is OK " |
+-------------------------oOOo-(_)-oOOo---------------------------+
| |
| 1 BC-610I w/BC-614I,1 T-213/GRC-26 w/BC614I 1 '51 Collins R-390A |
| 1 '67 EAC R-390A, Heathkit DX-60, Apache, Mohawk, SX-101, HT-32A |
+-------------------------------------------------------------------+
| Opinions expressed are that of my own and do not necessarily |
| coincide with or represent those of ANYONE else |
+-------------------------------------------------------------------+
```

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# 1812. t-368

Yahoo group: T-368_BC-610
Date: 2003-07-29 23:12:42 UTC
From: Gary and Pat
Topic: 1812  Message: 1812

Iam looking for a t-368 that is in good shape and works good. I prefer to try to pick one up near Ohio. thanks for reading

# 1813. Re: Important Yahoo! Groups Service Changes

Yahoo group: T-368_BC-610
Date: 2003-08-01 01:01:41 UTC
From: Joe Foley
Topic: 1813  Message: 1813

--- Yahoo! Groups <notify@yahoogroups.com> wrote:
>
>
> Dear Yahoo! Groups Moderator,
>
> IMPORTANT NOTICE:
> You are receiving this notice because you are a
> moderator of one or
> more groups. As part of our efforts to ensure that
> all Yahoo! Groups
> users enjoy the same high-quality service, we will
> implement the
> following service changes on Aug. 7, 2003:
>
> - Message Attachments: Yahoo! Groups will continue
> to deliver all
> attachments sent via email, however, the attachments
> will no longer be
> archived within the Messages area. You may continue
> to upload files
> and images to the Files and Photos areas of your
> groups. Please
> re-upload any attachments you would like to preserve
> to the Photos or
> Files areas of your group. On Aug. 7, all
> attachments in the Messages
> area will be removed, and Yahoo! will be unable to
> retrieve such data.
>
> - Add Members: The "Add Members" feature will now
> allow you to add 10
> new members per day (e.g., the ability to directly
> add your friends
> and family to your group). You may still use the
> "Invite Members"
> feature to invite others to join your group.
>
> - Files and Photos: Groups web membership will be
> required to access a
> group's Files and Photos areas.
>
> Thank you for your support as we make these changes
> that will allow us
> to continue offering a compelling, high quality,
> free service.

>
> For more details on the service changes described
> above, please visit
> our help section
> http://help.yahoo.com/groups/groups-56.html. Please
> do
> not reply to this message via email, as responses
> will not be read.
>
>
>
> Sincerely,
>
> The Yahoo! Groups Team
>
>
> Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
>
>
>
>
>

---------------------------------
Do you Yahoo!?
Yahoo! SiteBuilder - Free, easy-to-use web site design software
http://sitebuilder.yahoo.com

# 1814. Re: [T-368_BC-610] Re: Important Yahoo! Groups Service Changes

Yahoo group: T-368_BC-610
Date: 2003-08-01 01:20:24 UTC
From: plmills@attglobal.net
Topic: 1814  Message: 1814

Joe,

Do you get paid for forwarding e-mail containing advertisements?

Sorry, but I could find no original or important content in your message.

73, Phil

----- Original Message -----
From: Joe Foley
To: milgensets@yahoogroups.com ; t-368_BC-610@yahoogroups.com
Sent: Thursday, July 31, 2003 8:01 PM
Subject: [T-368_BC-610] Re: Important Yahoo! Groups Service Changes

--- Yahoo! Groups <notify@yahoogroups.com> wrote:
>
>
> Dear Yahoo! Groups Moderator,
>
> IMPORTANT NOTICE:
> You are receiving this notice because you are a
> moderator of one or
> more groups. As part of our efforts to ensure that
> all Yahoo! Groups
> users enjoy the same high-quality service, we will
> implement the
> following service changes on Aug. 7, 2003:
>
> - Message Attachments: Yahoo! Groups will continue
> to deliver all
> attachments sent via email, however, the attachments
> will no longer be
> archived within the Messages area. You may continue
> to upload files
> and images to the Files and Photos areas of your
> groups. Please
> re-upload any attachments you would like to preserve
> to the Photos or
> Files areas of your group. On Aug. 7, all
> attachments in the Messages
> area will be removed, and Yahoo! will be unable to
> retrieve such data.
>
> - Add Members: The "Add Members" feature will now
> allow you to add 10
> new members per day (e.g., the ability to directly

> add your friends
> and family to your group). You may still use the
> "Invite Members"
> feature to invite others to join your group.
>
> - Files and Photos: Groups web membership will be
> required to access a
> group's Files and Photos areas.
>
> Thank you for your support as we make these changes
> that will allow us
> to continue offering a compelling, high quality,
> free service.
>
> For more details on the service changes described
> above, please visit
> our help section
> http://help.yahoo.com/groups/groups-56.html. Please
> do
> not reply to this message via email, as responses
> will not be read.
>
>
>
> Sincerely,
>
> The Yahoo! Groups Team
>
>
> Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
>
>
>
>
>

_____
Do you Yahoo!?
Yahoo! SiteBuilder - Free, easy-to-use web site design software
http://sitebuilder.yahoo.com

Yahoo! Groups Sponsor
ADVERTISEMENT

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 1815. BC 610C, or BC 610D

Yahoo group: T-368_BC-610
Date: 2003-08-01 12:40:08 UTC
From: Joe Munson
Topic: 1815  Message: 1815

Group,

I have a friend in the Ceder Rapids, Iowa area who has a BC 610 C or D model transmitter for sale, CHEEP! It is the model that looks like a HT4 from the Pix I have of it. He knows little about it. It has all the iron, but seems to be missing the top cover, the tubes, the Plug In coils and the tuning units. Has some rust on the bottom, but looks to be restorable to me. At least would be a good source of parts, but would rather see some one get it looking to restore it. He knows he could sell it on EPAY or part it out, but again, would rather see some one get it to restore it. If any one is instersted in the above, let me know off line. I can send the pix I have and put you in touch with him. He does not want to ship, so will have to be a pick up.

Joe Munson
WA4VAG

[Non-text portions of this message have been removed]

# 1816. Re: [T-368_BC-610] T-368 Registry Update

Yahoo group: T-368_BC-610
Date: 2003-08-01 15:12:57 UTC
From: Roy Morgan
Topic: 1807  Message: 1816

Bill and others,

If you enclose such long URL's in brackets, like below, then most email readers will process the thing right evern though it gets linewrapped in transit.

Roy

<http://groups.yahoo.com/group/T-368_BC-610/database?
method=reportRows&tbl=1>

At 06:37 PM 7/25/03 +0000, you wrote:
>Added T-368F for KC9VF.
>
>As promised, here's a pointer to the registry:
>
>http://groups.yahoo.com/group/T-368_BC-610/database?
>method=reportRows&tbl=1

- Roy Morgan, K1LKY since 1959 - Keep 'em Glowing!
7130 Panorama Drive, Derwood MD 20855
Home: 301-330-8828 Work: Voice: 301-975-3254, Fax: 301-948-6213
roy.morgan@... --

# 1817. Re: [T-368_BC-610] T-368 Registry Update

Yahoo group: T-368_BC-610
Date: 2003-08-01 16:53:30 UTC
From: n7oo@theriver.com
Topic: 1807  Message: 1817

Roy,

That works, thanks for the tip! Unfortunately Yahoo want's you to sign-in
and the last time I checked, they wanted personal info that I didn't
wish to disclose. As a result, the registry is unavailable to non-Yahoo
members, sigh...

Rant: At one time I enjoyed 'shopping' the Yahoo auctions. However they
knocked a lot of people out when they refused to let anyone even review
the auctions unless they posted a credit card number up front! I never
did understand the purpose of this policy as it denies participation by
those who are too paranoid (such as myself) to risk this information
falling into the wrong hands. It also denies those who prefer to pay
by other means.

Please correct me if I'm wrong.

73 de Jack

> Bill and others,
>
> If you enclose such long URL's in brackets, like below, then most email
> readers will process the thing right evern though it gets linewrapped in
> transit.
>
> Roy
>
>
> <http://groups.yahoo.com/group/T-368_BC-610/database?
> method=reportRows&tbl=1>
>
> At 06:37 PM 7/25/03 +0000, you wrote:
>>Added T-368F for KC9VF.
>>
>>As promised, here's a pointer to the registry:
>>
>>http://groups.yahoo.com/group/T-368_BC-610/database?
>>method=reportRows&tbl=1
>
>
> - Roy Morgan, K1LKY since 1959 - Keep 'em Glowing!
> 7130 Panorama Drive, Derwood MD 20855
> Home: 301-330-8828 Work: Voice: 301-975-3254, Fax: 301-948-6213
> roy.morgan@... --
>

# 1818. New file uploaded to T-368_BC-610

Yahoo group: T-368_BC-610
Date: 2003-08-02 02:38:10 UTC
From: T-368_BC-610@yahoogroups.com
Topic: 965  Message: 1818

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the T-368_BC-610
group.

File : /w9amr.JPG
Uploaded by : aa9wq <aa9wqham@...>
Description : A picture of my Son and I with the T-368.

You can access this file at the URL

http://groups.yahoo.com/group/T-368_BC-610/files/w9amr.JPG

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

aa9wq <aa9wqham@...>

# 1819. Re: [T-368_BC-610] New file uploaded to T-368_BC-610

Yahoo group: T-368_BC-610
Date: 2003-08-02 02:43:36 UTC
From: n7oo@theriver.com
Topic: 965  Message: 1819

Really looks nice!

73 de Jack

> 
> Hello,
> 
> This email message is a notification to let you know that
> a file has been uploaded to the Files area of the T-368_BC-610
> group.
> 
> File : /w9amr.JPG
> Uploaded by : aa9wq <aa9wqham@...>
> Description : A picture of my Son and I with the T-368.
> 
> You can access this file at the URL
> 
> http://groups.yahoo.com/group/T-368_BC-610/files/w9amr.JPG
> 
> To learn more about file sharing for your group, please visit
> 
> http://help.yahoo.com/help/us/groups/files
> 
> Regards,
> 
> aa9wq <aa9wqham@...>
> 

# 1820. T-3 (M3) Meter question

Yahoo group: T-368_BC-610
Date: 2003-08-04 00:48:20 UTC
From: K3PID
Topic: 1820  Message: 1820

The plate current meter (M3) appears differently in various published pictures. In some, the meter movement seems to be set back about an inch or so from the front bezel while other pictures show all three meters the same with the movement right behind the glass. Is this a model difference (basic vs lettered etc) or is something else going on? What would be the benefit of an inch of space in front of the movement?

K3PID - Ron H.

[Non-text portions of this message have been removed]

# 1821. look at what I found!

Yahoo group: T-368_BC-610
Date: 2003-08-04 02:46:36 UTC
From: redmenaced
Topic: 1821  Message: 1821

http://www.fairradio.com/0l13.htm

# 1822. Net??

Yahoo group: T-368_BC-610
Date: 2003-08-04 02:57:53 UTC
From: redmenaced
Topic: 1822  Message: 1822

Anyone want to have a get-together Sunday the 17th?

That's when this list will be FOUR years old!

Joe

# 1823. Re: [T-368_BC-610] T-3 (M3) Meter question

Yahoo group: T-368_BC-610
Date: 2003-08-04 03:24:00 UTC
From: Joe Foley
Topic: 1820  Message: 1823

Unless the transmitter has been modified there is B+
voltage on that meter and it should be insulated from
the cabinet, this is one of the first things one
should check when starting an unknown unit for safety
related problems, the next is that the interlocks work
properly.

Joe

--- K3PID <k3pid@...> wrote:
> The plate current meter (M3) appears differently in
> various published pictures. In some, the meter
> movement seems to be set back about an inch or so
> from the front bezel while other pictures show all
> three meters the same with the movement right behind
> the glass. Is this a model difference (basic vs
> lettered etc) or is something else going on? What
> would be the benefit of an inch of space in front of
> the movement?
>
>
> K3PID - Ron H.
>
>
>
> [Non-text portions of this message have been
> removed]
>
>

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Do you Yahoo!?
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http://sitebuilder.yahoo.com

# 1824. Re: [T-368_BC-610] T-3 (M3) Meter question

Yahoo group: T-368_BC-610
Date: 2003-08-04 05:37:43 UTC
From: James M. Walker
Topic: 1820  Message: 1824

Ah Well,
Actually the meter movements are rated for up to 3KV usually, of course
that assumes NO ONE has opened the meter (of the sealed type) and
tinkered
with its innards. As for the recessed meter glass, A correct meter has
no
meter zero adjust screw, and the front plate was there to maintain the
"look" of the panel, there is a wooden spacer between the cover and the
actual meter, and you will notice at close inspection the mounting
screws
for the front are in different position from the screws in the
meter(rear)
so there is NO metal contact with the meter bezel outside the case.
Prevents electrical shock to the operator, and also places the meter
above
chassis ground, in case it does develop a case short. If you don't have
the glass on your meter, and there is an adjustment screw on its' face
it
is the wrong (and dangerous) meter. Caution caution 2400VDC may be
there.
Jim
WB2FCN

K3PID wrote:
>
> The plate current meter (M3) appears differently in various published pictures. In some, the meter movement seems to be set back about an inch or so from the front bezel while other pictures show all three meters the same with the movement right behind the glass. Is this a model difference (basic vs lettered etc) or is something else going on? What would be the benefit of an inch of space in front of the movement?
>
> K3PID - Ron H.
>
> [Non-text portions of this message have been removed]
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 1825. Re: [T-368_BC-610] look at what I found!

Yahoo group: T-368_BC-610
Date: 2003-08-04 05:39:22 UTC
From: James M. Walker
Topic: 1821  Message: 1825

Humm,
2.5 Mhy RFC at 1 amp. 15.00 seems a bit much, but if you REALLY NEED ONE
I think I still have quite a few left.
Jim
WB2FCN

redmenaced wrote:
>
> http://www.fairradio.com/0l13.htm
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 1826. Re: [T-368_BC-610] T-3 (M3) Meter question

Yahoo group: T-368_BC-610
Date: 2003-08-04 14:15:04 UTC
From: Ken Warren
Topic: 1820  Message: 1826

When they replaced the amplifier deck on the T-3 for the T-946/GRC-129 conversion, they mounted the meter on a 1" ceramic ring standoff with an extra glass cover on the panel for HV protection.

Ken Warren K7RPX

# 1827. Wanted: T-3 Support frame

Yahoo group: T-368_BC-610
Date: 2003-08-07 19:48:49 UTC
From: K3PID
Topic: 1827  Message: 1827

Would anyone happen to have the support frame for the T-368 transmitter that they would be willing to part with? Look on page 6 of the operators manual TM-11-809-10 and you can see what I am looking for. It's the frame at the base of the cabinet that sticks out in front to stabilize the unit when one the drawers is pulled out. If all else fails, I'd settle for a drawing/sketch with enough detail to allow me to fab one.

Tnx & 73
K3PID - Ron H.

Once any problem is thoroughly described and explained, the answer is self evident!

# 1828. BC-610D available (?)

Yahoo group: T-368_BC-610
Date: 2003-08-07 21:00:35 UTC
From: Roy Morgan
Topic: 1827  Message: 1828

From the Hallicrafters list - this fellow seems to have an HT-4 available:
(Contact HIM, not me for further info.)

>From: pato <folanosr@...>
>To: <hallicrafters@...>
>Sent: Thursday, August 07, 2003 1:58 PM
>Subject: [Hallicrafters] BC610A to F
>
>
> > Is any one looking for a BC610D, same as HT-4? Also I would
> > like to know how rare, if any is this heavy unit. Any other
> > comments?
> > Thans, Franks WB4EHB

- Roy Morgan, K1LKY since 1959 - Keep 'em Glowing!
7130 Panorama Drive, Derwood MD 20855
Home: 301-330-8828 Work: Voice: 301-975-3254, Fax: 301-948-6213
roy.morgan@... --

# 1829. Re: [Milsurplus] Should I part out this BC-610?

Yahoo group: T-368_BC-610
Date: 2003-08-08 14:54:35 UTC
From: Joe Foley
Topic: 1829  Message: 1829

--- "Robert G. Flory" <RobandPJ@...> wrote:
> Hi All,
> I have a BC-610 that is mobar, modified beyond all
> recognition. Other than
> the obvious modulation transformer, which has been
> replaced, what parts are
> in demand?
> Rob Flory K2WI
> _____
> Milsurplus mailing list
> Milsurplus@...
> http://mailman.qth.net/mailman/listinfo/milsurplus

_____
Do you Yahoo!?
Yahoo! SiteBuilder - Free, easy-to-use web site design software
http://sitebuilder.yahoo.com

# 1830. Re: [T-368_BC-610] Wanted: T-3 Support frame

Yahoo group: T-368_BC-610
Date: 2003-08-08 18:17:50 UTC
From: James M. Walker
Topic: 1827  Message: 1830

Ah,
The referenced manual, does not have a picture on page 6. However I think what you are looking for is the "Mobile Mounting Plate", referred to as Mount, Shock. The mount bottom was flat where the feet stick out, front and rear,
however it was found that if the bolts to the floor weren't in the unit would
flip over, bending the tabs, and quit possibly injuring the operator. They were
changed to the inverted "U" channel for the mounting tabs, eliminating this hazard. Most folk throw them away as they take up more room than available in some shacks. A neater arrangement is to put four swivel casters on the bottom of the unit cabinet for moving it. As for tipping over, well with the power supply in and locked down that "shouldn't" happen, however remember Murphy's Law.

Furniture movers (available at Harbor freight & Home Depot) for appx 15.00 are good for that and handle 700 pounds.

You also might check with Russ WB3FAU to see if he still has his around. The plate that is.

Jim
WB2FCN

----- Original Message -----
From: "K3PID" <k3pid@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Thursday, August 07, 2003 3:48 PM
Subject: [T-368_BC-610] Wanted: T-3 Support frame

> Would anyone happen to have the support frame for the T-368 transmitter
> that they would be willing to part with? Look on page 6 of the operators
> manual TM-11-809-10 and you can see what I am looking for. It's the frame at
> the base of the cabinet that sticks out in front to stabilize the unit when
> one the drawers is pulled out. If all else fails, I'd settle for a
> drawing/sketch with enough detail to allow me to fab one.
>
> Tnx & 73
> K3PID - Ron H.
>
> Once any problem is thoroughly described and explained, the answer is self
> evident!
>

>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 1831. Look quick!

Yahoo group: T-368_BC-610
Date: 2003-08-08 21:55:03 UTC
From: redmenaced
Topic: 1831  Message: 1831

http://cgi.ebay.com/ws/eBayISAPI.dll?
ViewItem&item=3038970360&category=4675

# 1832. T-3 Exciter

Yahoo group: T-368_BC-610
Date: 2003-08-08 22:00:44 UTC
From: redmenaced
Topic: 1832  Message: 1832

http://cgi.ebay.com/ws/eBayISAPI.dll?
ViewItem&item=3039997412&category=296

# 1833. Re: [T-368_BC-610] Look quick!

Yahoo group: T-368_BC-610
Date: 2003-08-08 22:41:06 UTC
From: n7oo@theriver.com
Topic: 1831  Message: 1833

Someone suggested putting the ebay URL inside of right and left <> arrows,
it would unfold OK when the line splits.

e.g.
<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=3038970360&category=4675>

Thanks for the heads up on this unit. Looks pretty weary tho.

73 de Jack

> http://cgi.ebay.com/ws/eBayISAPI.dll?
> ViewItem&item=3038970360&category=4675
>
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 1834. Re: [T-368_BC-610] Look quick!

Yahoo group: T-368_BC-610
Date: 2003-08-09 03:28:03 UTC
From: Ed Zeranski
Topic: 1831  Message: 1834

Howdy!
Has anyome had decals made for a 610I? I can get the powder coat but
wondered about the lettering. Just figured to ask this again.

EdZ
San Diego
..also messing with a Navy TCK....

# 1835. A definite sign of desperation!

Yahoo group: T-368_BC-610
Date: 2003-08-09 18:34:15 UTC
From: James M. Walker
Topic: 1835  Message: 1835

Well Folks,
I think this about "takes the cake", for what the real value of these
things
can turn out to be. I guess it depends on the person!

Sold on ebay:
<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=3038970360&category=4675&rd=1>

Jim
WB2FCN
P.S. Hummm

# 1836. Re: [T-368_BC-610] A definite sign of desperation!

Yahoo group: T-368_BC-610
Date: 2003-08-09 18:57:32 UTC
From: wa5cab@cs.com
Topic: 1835  Message: 1836

Pretty good price, even without a full set of coils and tuning units. Has the rear cover which for some reason is often AWOL.

Which reminds me, I have a parts -F model already partially stripped if anyone is looking for pieces.

In a message dated 8/9/2003 1:33:14 PM Central Daylight Time,
chejmw@... writes:
> Well Folks,
> I think this about "takes the cake", for what the real value of these
> things
> can turn out to be. I guess it depends on the person!
>

73
Robert Downs - Houston
<http://www.wa5cab.com>
<wa5cab@...>

[Non-text portions of this message have been removed]

# 1837. Re: [T-368_BC-610] A definite sign of desperation!

Yahoo group: T-368_BC-610
Date: 2003-08-09 21:45:08 UTC
From: n7oo@theriver.com
Topic: 1835  Message: 1837

Well at first glance the 610 appeared to be pretty sharp looking and
with the uncluded tubes at the bid I first saw of $205 it looked like a
good deal. But...if you pulled the pictures into a file and magnified
them, one can see obvious signs of rust and corrosion as well as the
crummy looking wiring. If the winning bidder has to ship the BC-610
for any distance, suspect he's going to be very disappointed!

73 de Jack

> Pretty good price, even without a full set of coils and tuning units. Has
> the rear cover which for some reason is often AWOL.
>
> Which reminds me, I have a parts -F model already partially stripped if
> anyone is looking for pieces.
>
> In a message dated 8/9/2003 1:33:14 PM Central Daylight Time,
> chejmw@... writes:
>> Well Folks,
>> I think this about "takes the cake", for what the real value of these
>> things
>> can turn out to be. I guess it depends on the person!
>>
>
> 73
> Robert Downs - Houston
> <http://www.wa5cab.com>
> <wa5cab@...>
>
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 1838. T-368 parts needed

Yahoo group: T-368_BC-610
Date: 2003-08-09 23:40:58 UTC
From: Tom Smith
Topic: 1838  Message: 1838

I'm looking for the vacuum cap load and tuning assembly with knobs for a project. I doesn't need to have the vacuum caps but I would like it to have good gears, counters and knobs. Anything floating around out there from a parts unit or??

Thanks,
Tom N5AMA

# 1839. RE: [T-368_BC-610] Digest Number 740

Yahoo group: T-368_BC-610
Date: 2003-08-10 15:16:13 UTC
From: George R. Griesbach
Topic: 1839  Message: 1839

I am new to this group , I was wondering what is a working BC-610 worth? How
about the coils and tuning units? Anyone got one to sell in Texas?
Thank You
George R. Griesbach W5GRG
505 River Oaks Rd.
Comfort, Texas 78013
w5grg@...
http://www.comforttexas.net/w5grg

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
Sent: Sunday, August 10, 2003 2:51 AM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] Digest Number 740

There are 4 messages in this issue.

Topics in this digest:

1. A definite sign of desperation!
From: "James M. Walker" <chejmw@...>
2. Re: A definite sign of desperation!
From: wa5cab@...
3. Re: A definite sign of desperation!
From: n7oo@...
4. T-368 parts needed
From: "Tom Smith" <tsmith@...>

---
---

Message: 1
Date: Sat, 09 Aug 2003 14:34:15 -0400
From: "James M. Walker" <chejmw@...>
Subject: A definite sign of desperation!

Well Folks,
I think this about "takes the cake", for what the real value of these
things
can turn out to be. I guess it depends on the person!

Sold on ebay:
<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=3038970360&category=4675
&rd=1>

Jim
WB2FCN

P.S. Hummm

---
---

Message: 2
Date: Sat, 9 Aug 2003 14:57:32 EDT
From: wa5cab@...
Subject: Re: A definite sign of desperation!

Pretty good price, even without a full set of coils and tuning units. Has
the rear cover which for some reason is often AWOL.

Which reminds me, I have a parts -F model already partially stripped if
anyone is looking for pieces.

In a message dated 8/9/2003 1:33:14 PM Central Daylight Time,
chejmw@... writes:
> Well Folks,
> I think this about "takes the cake", for what the real value of these
> things
> can turn out to be. I guess it depends on the person!
>

73
Robert Downs - Houston
<http://www.wa5cab.com>
<wa5cab@...>

[Non-text portions of this message have been removed]

---
---

Message: 3
Date: Sat, 9 Aug 2003 14:45:08 -0700 (MST)
From: n7oo@...
Subject: Re: A definite sign of desperation!

Well at first glance the 610 appeared to be pretty sharp looking and
with the uncluded tubes at the bid I first saw of $205 it looked like a
good deal. But...if you pulled the pictures into a file and magnified
them, one can see obvious signs of rust and corrosion as well as the
crummy looking wiring. If the winning bidder has to ship the BC-610
for any distance, suspect he's going to be very disappointed!

73 de Jack

> Pretty good price, even without a full set of coils and tuning units. Has
> the rear cover which for some reason is often AWOL.
>
> Which reminds me, I have a parts -F model already partially stripped if
> anyone is looking for pieces.

>
> In a message dated 8/9/2003 1:33:14 PM Central Daylight Time,
> chejmw@... writes:
>> Well Folks,
>> I think this about "takes the cake", for what the real value of these
>> things
>> can turn out to be. I guess it depends on the person!
>>
>
> 73
> Robert Downs - Houston
> <http://www.wa5cab.com>
> <wa5cab@...>
>
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

---
---

Message: 4
Date: Sat, 9 Aug 2003 16:40:58 -0700
From: "Tom Smith" <tsmith@...>
Subject: T-368 parts needed

I'm looking for the vacuum cap load and tuning assembly with knobs for a project. I doesn't need to have the vacuum caps but I would like it to have good gears, counters and knobs. Anything floating around out there from a parts unit or??

Thanks,
Tom N5AMA

---
---

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---
Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (http://www.grisoft.com).
Version: 6.0.505 / Virus Database: 302 - Release Date: 7/30/03

# 1840. Re: [Milsurplus] BC-610E parts available

Yahoo group: T-368_BC-610
Date: 2003-08-13 00:16:45 UTC
From: Joe Foley
Topic: 1840  Message: 1840

Contact Robert Flory as below:

--- "Robert G. Flory" <RobandPJ@...> wrote:
> I am trying to decide whether or not to carve up a
> highly-modified BC-610E.
> Modulation transformer already gone. What do
> people need?
>
> 73, Rob Flory K2WI
>
>
> _____
> Milsurplus mailing list
> Milsurplus@...
> http://mailman.qth.net/mailman/listinfo/milsurplus

_____
Do you Yahoo!?
Yahoo! SiteBuilder - Free, easy-to-use web site design software
http://sitebuilder.yahoo.com

# 1841. My T-3

Yahoo group: T-368_BC-610
Date: 2003-08-16 01:06:24 UTC
From: K3PID
Topic: 1841  Message: 1841

I see Mike (K?MAZ) got his picture in QST...with MY T-3. :>)

K3PID - Ron H.

# 1842. Not in the QRZ database?

Yahoo group: T-368_BC-610
Date: 2003-08-17 21:33:34 UTC
From: redmenaced
Topic: 1842  Message: 1842

New list member:

RU4FSU?

Is that Russian?

# 1843. T-368 fer $6000. Whew!

Yahoo group: T-368_BC-610
Date: 2003-08-20 19:50:02 UTC
From: K3PID
Topic: 1843  Message: 1843

Take a look at rec.radio.amateur.boatanchors! W4VVV is trying to sell his T-368/E for $6000.

Whew!
K3PID Ron H.

# 1844. Re: [T-368_BC-610] T-368 fer $6000. Whew!

Yahoo group: T-368_BC-610
Date: 2003-08-20 20:24:36 UTC
From: wa5cab@cs.com
Topic: 1843  Message: 1844

Hey, and this isn't even on eBay, tee hee hee.

In a message dated 8/20/2003 2:58:31 PM Central Daylight Time,
k3pid@... writes:
> Take a look at rec.radio.amateur.boatanchors! W4VVV is trying to sell his
> T-368/E for $6000.

73
Robert Downs - Houston
<http://www.wa5cab.com>
<wa5cab@...>

[Non-text portions of this message have been removed]

# 1845. T-368 fer $6000. Whew!

Yahoo group: T-368_BC-610
Date: 2003-08-21 14:53:51 UTC
From: Richard M. MC Clung
Topic: 1843  Message: 1845

I wonder if that price includes shipping, handling, and insurance?
RICH WA6KNW

# 1846. Re: [T-368_BC-610] T-368 fer $6000. Whew!

Yahoo group: T-368_BC-610
Date: 2003-08-21 15:01:49 UTC
From: tbigelow@pop.state.vt.us
Topic: 1843  Message: 1846

Richard M. MC Clung wrote:

>I wonder if that price includes shipping, handling, and insurance?
>

...and a little guy inside who checks voltages, changes out weak/bad tubes, and keps the blower lubed.

How about a nice little female Tuning Aid for loading the final? You tell her where you want it, she makes the necessary adjustments...

Guess my response yesterday only made it to Ron, but this transmitter was listed a couple weeks back on the AM Window BBS. The users there laughed him off the site, but he made it clear that there was no extra zero on the end. Probably why he still has it - considering epay prices are usually the market high, $1- $1.5K would be about all he could expect.

My feeling is this: the true measure of value should be taken not from what you get for it, but what you get from it (as in - use and enjoyment). Probably why there are so many disappointed "investors" out there holding overpriced radio gear.

de Todd/'Boomer' KA1KAQ

# 1847. T-368 Registry Update

Yahoo group: T-368_BC-610
Date: 2003-08-22 00:53:03 UTC
From: billn2bc
Topic: 1807  Message: 1847

FYI, the T-3 registry has been updated

<http://groups.yahoo.com/group/T-368_BC-610/database?
method=reportRows&tbl=1>

# 1848. Frequency Synthesizer useful with 610/T3 or similar

Yahoo group: T-368_BC-610
Date: 2003-08-23 13:01:22 UTC
From: Ray
Topic: 1848  Message: 1848

While preparing for a big move, I came across 3 Frederics Electronics HF 1554 exciters with the tags on them as they came back from factory overhaul. They are 110VAC powered 1-1/2" tall 19"rack mounts. If I recall correctly , they have an output of 1/4W cw inthe 2-3 mhz range. This can be changed by internal strapping to accommodate various freq multlier schemes. Before I throw them on E-Bay, is any one in the group interested?

# 1849. RE: [T-368_BC-610] Digest Number 747

Yahoo group: T-368_BC-610
Date: 2003-08-23 23:03:15 UTC
From: George R. Griesbach
Topic: 1849  Message: 1849

How much and do you have any data on them?
Thank You
George R. Griesbach W5GRG
505 River Oaks Rd.
Comfort, Texas 78013
w5grg@...
http://www.comforttexas.net/w5grg

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
Sent: Saturday, August 23, 2003 5:32 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] Digest Number 747

There is 1 message in this issue.

Topics in this digest:

1. Frequency Synthesizer useful with 610/T3 or similar
From: "Ray" <wazye@...>

---
---

Message: 1
Date: Sat, 23 Aug 2003 13:01:22 -0000
From: "Ray" <wazye@...>
Subject: Frequency Synthesizer useful with 610/T3 or similar

While preparing for a big move, I came across 3 Frederics Electronics
HF 1554 exciters with the tags on them as they came back from factory
overhaul. They are 110VAC powered 1-1/2" tall 19"rack mounts. If I
recall correctly , they have an output of 1/4W cw inthe 2-3 mhz range.
This can be changed by internal strapping to accommodate various freq
multlier schemes. Before I throw them on E-Bay, is any one in the
group interested?

---
---

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---
Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (http://www.grisoft.com).
Version: 6.0.510 / Virus Database: 307 - Release Date: 8/14/03

# 1850. 1554 exciter

Yahoo group: T-368_BC-610
Date: 2003-08-24 05:24:44 UTC
From: Ray
Topic: 1850  Message: 1850

Clearly a little more research is in order. My recollection of these units is that the "band divide ratios" were programmable with internal strapping to accommodate different multiplier schemes in various HF marine 250-1000W transmitters. A look at the PC board appears to bare this out. If I can get some time I will power one up and take some measurments. These devices definitely had a much bigger range in each band than the manual excerpt would indicate. I believe they tuned a 1 mhz range in each band.

# 1851. Companion Receiver for T3

Yahoo group: T-368_BC-610
Date: 2003-08-24 14:05:10 UTC
From: Ray
Topic: 1851  Message: 1851

While I was wondering what to do with he exciters I posted about, I came across a receiver I had forgoten I had, a USN FRR-22 which I used to use for BCB DX. These were RCA's attempt to compete with the R388 and R 390 series receivers. The freq display is projected onto the front panel. They were much faster to tune than the 388-390 receivers but as selective and nearly as acurate. These were seemingly the peak of development for a tube type tunable first oscillator receiver. The one I have is probably the rarest one of the series and covers 250KC to 8 MHZ.
Basically these are a super sharp looking receivers that would be a great partner for a T3 for 160-80/75-40 M AM &CW The SRR 11 + 13 VLF and 2-32 mcs respectively are fairly common on e=bay but I have never seen the SRR12 or FRR22 listed any where , ever.
Also in the pack of things is an SRR-11 and an R-220 if any one is interested....

# 1852. Re: [T-368_BC-610] Companion Receiver for T3

Yahoo group: T-368_BC-610
Date: 2003-08-24 14:10:14 UTC
From: Mike Feher
Topic: 1851  Message: 1852

I guess you only post, but do not answer your emails - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-901-9193

----- Original Message -----
From: Ray
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, August 24, 2003 10:05 AM
Subject: [T-368_BC-610] Companion Receiver for T3

While I was wondering what to do with he exciters I posted about,
I came across a receiver I had forgoten I had, a USN FRR-22 which I
used to use for BCB DX. These were RCA's attempt to compete with the
R388 and R 390 series receivers. The freq display is projected onto
the front panel. They were much faster to tune than the 388-390
receivers but as selective and nearly as acurate. These were
seemingly the peak of development for a tube type tunable first
oscillator receiver. The one I have is probably the rarest one of the
series and covers 250KC to 8 MHZ.
Basically these are a super sharp looking receivers that would be a
great partner for a T3 for 160-80/75-40 M AM &CW The SRR 11 + 13
VLF and 2-32 mcs respectively are fairly common on e=bay but I have
never seen the SRR12 or FRR22 listed any where , ever.
Also in the pack of things is an SRR-11 and an R-220 if any one is
interested....

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[Non-text portions of this message have been removed]

# 1853. Re: [T-368_BC-610] Digest Number 747

Yahoo group: T-368_BC-610
Date: 2003-08-25 14:14:21 UTC
From: Kristjan Ragnarson
Topic: 1849  Message: 1853

I might be. Where you located at? How much you asking for one? Can you send details
and hopefully a pix to --- penguino@...
Tks

>From: T-368_BC-610@yahoogroups.com
>Reply-To: T-368_BC-610@yahoogroups.com
>To: T-368_BC-610@yahoogroups.com
>Subject: [T-368_BC-610] Digest Number 747
>Date: 23 Aug 2003 22:31:39 -0000
>
>
>There is 1 message in this issue.
>
>Topics in this digest:
>
> 1. Frequency Synthesizer useful with 610/T3 or similar
> From: "Ray" <wazye@...>
>
>
>_____________________________________________________________________
>_____________________________________________________________________
>
>Message: 1
> Date: Sat, 23 Aug 2003 13:01:22 -0000
> From: "Ray" <wazye@...>
>Subject: Frequency Synthesizer useful with 610/T3 or similar
>
>While preparing for a big move, I came across 3 Frederics Electronics
>HF 1554 exciters with the tags on them as they came back from factory
>overhaul. They are 110VAC powered 1-1/2" tall 19"rack mounts. If I
>recall correctly , they have an output of 1/4W cw inthe 2-3 mhz range.
>This can be changed by internal strapping to accommodate various freq
>multlier schemes. Before I throw them on E-Bay, is any one in the
>group interested?
>
>
>
>_____________________________________________________________________
>_____________________________________________________________________
>
>
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>

>

---
Get MSN 8 and enjoy automatic e-mail virus protection.
http://join.msn.com/?page=features/virus

# 1854. Serial Number Question

Yahoo group: T-368_BC-610
Date: 2003-08-25 20:25:49 UTC
From: K3PID
Topic: 1854  Message: 1854

My T-3 doesn't have a serial number. It appears to be mostly an A with some B - C parts possible. If I were to assign it a serial number, how would I go about trying to establish a "reasonable" serial number to use? How would I determine if the serial number was unique? Any suggestions? Maybe I should just not worry about such things?

K3PID Ron H.

[Non-text portions of this message have been removed]

# 1855. Re: [MRCA] BC-610 parts at Sept. Meet

Yahoo group: T-368_BC-610
Date: 2003-08-27 00:15:07 UTC
From: Joe Foley
Topic: 1855  Message: 1855

This guy says he has parts!

--- "Robert G. Flory" <RobandPJ@...> wrote:
> Hi,
> I will be bringing a hulk of a BC-610E and my
> toolbox to the East Coast
> Meet in a couple weeks. Bring your list of parts
> you need and a manual so
> we can figure out if the parts that are in it are
> really the ones you need.
>
> Rob Flory
> _____
> MRCA mailing list
> MRCA@...
> http://mailman.qth.net/mailman/listinfo/mrca

---
Do you Yahoo!?
Yahoo! SiteBuilder - Free, easy-to-use web site design software
http://sitebuilder.yahoo.com

# 1856. T-368 Manuals

Yahoo group: T-368_BC-610
Date: 2003-08-27 23:30:47 UTC
From: ab3l1@aol.com
Topic: 1856  Message: 1856

Hello, finally completed the transaction to get the T-3 here. One snafu of the deal was the manuals I didn't get. They were included in the price but the former owner can't locate them after about five months.
Question is, what is the present day value of an original operators and field service manual set? Is it still possible to get them?

Thanks,

Bob AB3L

# 1857. Re: [T-368_BC-610] T-368 Manuals

Yahoo group: T-368_BC-610
Date: 2003-08-28 00:00:22 UTC
From: K3PID
Topic: 1856  Message: 1857

Don't know about "originals" but Fair Radio Sales has a pretty good photo copy that is spiral bound for under $20 ea.

What model T-3 and is it ready to go on-the-air?

K3PID Ron H.

[Non-text portions of this message have been removed]

# 1858. Re: [T-368_BC-610] T-368 Manuals

Yahoo group: T-368_BC-610
Date: 2003-08-28 08:20:36 UTC
From: James M. Walker
Topic: 1856  Message: 1858

Hi Bob,
The full set of manuals is available free if you have a printer at
http://eshop1.chem.buffalo.edu/T-368.html

If you don't have a high speed connection or a printer let me know, and
send along
your mailing address I will print all three double sided and ship them
out to you.
No sections, no one sided slanted printing just the manuals and no
charge.
Jim
WB2FCN

ab3l1@... wrote:
>
> Hello, finally completed the transaction to get the T-3 here. One snafu of the deal was the manuals I didn't get. They were included in the price but the former owner can't locate them after about five months.
> Question is, what is the present day value of an original operators and field service manual set? Is it still possible to get them?
>
> Thanks,
>
> Bob AB3L
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 1859. RE: [T-368_BC-610] Digest Number 751

Yahoo group: T-368_BC-610
Date: 2003-08-28 11:27:39 UTC
From: Hagan, Reid J
Topic: 1859  Message: 1859

Bob, Check the following website from the US Dept. of Commerce. I purchased my T-3 manuals there a couple of years ago:

http://www.ntis.gov/products/families/military.asp?loc=4-3-4

73, Reid W2HU

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
Sent: Thursday, August 28, 2003 12:29 AM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] Digest Number 751

There are 2 messages in this issue.

Topics in this digest:

1. T-368 Manuals
From: ab3l1@...
2. Re: T-368 Manuals
From: "K3PID" <k3pid@...>

---
---

Message: 1
Date: Wed, 27 Aug 2003 19:30:47 -0400
From: ab3l1@...
Subject: T-368 Manuals

Hello, finally completed the transaction to get the T-3 here. One snafu of the deal was the manuals I didn't get. They were included in the price but the former owner can't locate them after about five months. Question is, what is the present day value of an original operators and field service manual set? Is it still possible to get them?

Thanks,

Bob AB3L

---
---

Message: 2
Date: Wed, 27 Aug 2003 19:00:22 -0500
From: "K3PID" <k3pid@...>
Subject: Re: T-368 Manuals

Don't know about "originals" but Fair Radio Sales has a pretty good
photo copy that is spiral bound for under $20 ea.

What model T-3 and is it ready to go on-the-air?

K3PID Ron H.

[Non-text portions of this message have been removed]

------------------------------------------------------------------------
------------------------------------------------------------------------

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# 1860. Re: [T-368_BC-610] T-368 Manuals

Yahoo group: T-368_BC-610
Date: 2003-08-28 12:44:12 UTC
From: James M. Walker
Topic: 1856  Message: 1860

the BC-610 manual is online at:
http://www.kg7bz.com/manuals.html

There you go Steve, Dave get back to work! Before the power go out again.
Jim
WB2FCN
Wow another power fluctuation just happened here! No joking!

----- Original Message -----
From: <BFlatTrmpt@...>
To: <chejmw@...>; <wb9tow@...>
Sent: Thursday, August 28, 2003 7:00 AM
Subject: Re: [T-368_BC-610] T-368 Manuals

> Jim and Steve,
>
> You are a good man Jim. You are always there to help others. Steve,
W8TOW,
> would like to get a BC-610 manual. I'm not sure if they are on the army's
> LOGSA website. Of course, the T-368 is there for all who wish to download
it.
>
> Steve, the website is http:/www.logsa.army.mil/etms/find_etm.cmf
>
> Give it a try Steve. The BC-610 maybe too old to be on-line. At work, I
> also have the name of another website for military manuals, but I can't
remember
> what it is (I'm home on vacation today). I'm 95% sure they have the BC-610
> manual on-line. I'm sure you can find one without too much difficulty.
>
> 73, Dave / KA2J
>
>

# 1861. Re: [T-368_BC-610] T-368 Manuals

Yahoo group: T-368_BC-610
Date: 2003-08-28 14:41:10 UTC
From: Ed Zeranski
Topic: 1856  Message: 1861

Until hardcopy shows up take a look at the scanned copies at
http://www.kg7bz.com/Manuals.html. August has quite a few of the 'classic'
Military BoatAnchors available online.

> Hello, finally completed the transaction to get the T-3 here. One snafu of
the deal was the manuals I didn't get.

# 1862. Manuals

Yahoo group: T-368_BC-610
Date: 2003-08-28 19:23:45 UTC
From: ab3l1@aol.com
Topic: 1289  Message: 1862

First off, thanks for a very active response to my inquiry. It's nice to see so much help potential out there!

This is a Crosley 1956 C model.

To answer the question as to the operation of this T-3, it did load up into the mil load/wattmeter that came in the deal. I've been told that they aren't that accurate but the 400+ watts I saw were promising. This rig had sat for a while so I did scrub out each deck and generally do a minor once over to mounting screws, contacts etc. Let it sit a good week with a fan on it before I applied the juice, which was ramped gradually with a variac. Got the coax to it in the garage but it hasn't seen the antenna yet. Next will be the mic hookup and audio check.
First though I have to deal with the long wire that came down in the early summer storms. Need to weed whack to get back to the tree I'm using and then get a copperweld wire up. I can get about 200' of wire back there. As former racer Cale Yarlboro(spelling) once said "she ran good till she blowed", so it will be nice to get hooked up.

Well off to Harpers Ferry for some history this weekend. Won't be doing mail till Monday for any further reply's.

Thanks again,

Bob

# 1863. T-3 Registry update

Yahoo group: T-368_BC-610
Date: 2003-08-28 21:42:33 UTC
From: Bill Coleman
Topic: 1863  Message: 1863

Added T-368 for K3PID. View the entire registry here:

<http://groups.yahoo.com/group/T-368_BC-610/database>

Updates & additions to n2bc@...

73, Bill N2BC

# 1864. T-3 Tag Question(s)

Yahoo group: T-368_BC-610
Date: 2003-08-30 17:57:47 UTC
From: K3PID
Topic: 1864  Message: 1864

On the T-3, RF deck just below the name tag with serial number etc there are four holes that appear to be for an additional tag. The pattern roughly matches the tag on the BC-939 that cautions about reading the instructions before operating... Can anyone tell me what the tag says AND does anyone know where I might find one?

73 & Tnx
K3PID Ron H.

[Non-text portions of this message have been removed]

# 1865. RE: [T-368_BC-610] T-3 Tag Question(s)

Yahoo group: T-368_BC-610
Date: 2003-09-01 14:46:14 UTC
From: Tom Mackie
Topic: 1864  Message: 1865

Ron,

On my F model there is not a tag, nor holes. Instead, it has a silkscreened box about the size of the s/n tag:

CAUTION
Before Operation Review
TM11-809 Packed with Equipment

Hopefully you can find a tag.

**********
Tom Mackie
Trimble Navigation Ltd.
Geomatics & Engineering Division
Office: 401-423-0233
Fax: 401-423-2122
Mobile: 401-965-8730
Email: tom_mackie@...
**********

-----Original Message-----
From: K3PID [mailto:k3pid@...]
Sent: Saturday, August 30, 2003 1:58 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] T-3 Tag Question(s)

On the T-3, RF deck just below the name tag with serial number etc there are four holes that appear to be for an additional tag. The pattern roughly matches the tag on the BC-939 that cautions about reading the instructions before operating... Can anyone tell me what the tag says AND does anyone know where I might find one?

73 & Tnx
K3PID Ron H.

[Non-text portions of this message have been removed]

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# 1866. RE: [T-368_BC-610] T-3 Tag Question(s)

Yahoo group: T-368_BC-610
Date: 2003-09-01 15:02:35 UTC
From: Joe Foley
Topic: 1864  Message: 1866

--- Tom Mackie <tom_mackie@...> wrote:
> Ron,
>
> On my F model there is not a tag, nor holes.
> Instead, it has a silkscreened box about the size of
> the s/n tag:
>
> CAUTION
> Before Operation Review
> TM11-809 Packed with Equipment
+++++++++
So,

Has anyone ever seen a copy of TM11-809?

Joe

_____
Do you Yahoo!?
Yahoo! SiteBuilder - Free, easy-to-use web site design software
http://sitebuilder.yahoo.com

# 1867. Re: [T-368_BC-610] T-3 Tag Question(s)

Yahoo group: T-368_BC-610
Date: 2003-09-01 15:42:03 UTC
From: Bill Coleman
Topic: 1864  Message: 1867

Hi Joe. I have it online (PDF file). Don't recall where I got it tho.

Have the following: TM 11-809 (no suffix), and TM
11-809-10, -10A, -20, -20B, -35, -35C

Total is abt 90 meg, easy fit all on a CD. Who wants one? How about $1
plus postage - this ain't a charity! :-)

----- Original Message -----
From: "Joe Foley" <redmenaced@...>
To: <t-368_bc-610@yahoogroups.com>
Sent: Monday, September 01, 2003 11:02 AM
Subject: RE: [T-368_BC-610] T-3 Tag Question(s)

>
> --- Tom Mackie <tom_mackie@...> wrote:
> > Ron,
> >
> > On my F model there is not a tag, nor holes.
> > Instead, it has a silkscreened box about the size of
> > the s/n tag:
> >
> > CAUTION
> > Before Operation Review
> > TM11-809 Packed with Equipment
> +++++++++
> So,
>
> Has anyone ever seen a copy of TM11-809?
>
> Joe
>
> _________________________________
> Do you Yahoo!?
> Yahoo! SiteBuilder - Free, easy-to-use web site design software
> http://sitebuilder.yahoo.com
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 1868. Re: [T-368_BC-610] T-3 Tag Question(s)

Yahoo group: T-368_BC-610
Date: 2003-09-01 16:26:03 UTC
From: wa5cab@cs.com
Topic: 1864  Message: 1868

Joe,

Yes. Dated 4/22/55 with one change covering T-368B, it was the original T-368 manual. Superceded (split out into) in 1958 by the three volume set TM 11-809-10, -20 and -35.

In a message dated 9/1/2003 10:03:14 AM Central Daylight Time, redmenaced@... writes:
> --- Tom Mackie <tom_mackie@...> wrote:
> >Ron,
> >
> >On my F model there is not a tag, nor holes.
> >Instead, it has a silkscreened box about the size of
> >the s/n tag:
> >
> >CAUTION
> >Before Operation Review
> >TM11-809 Packed with Equipment
> >+++++++++
> So,
>
> Has anyone ever seen a copy of TM11-809?
>
> Joe

Robert & Susan Downs - Houston
<http://www.wa5cab.com>
<wa5cab@...>

[Non-text portions of this message have been removed]

# 1869. Re: [T-368_BC-610] T-3 Tag Question(s)

Yahoo group: T-368_BC-610
Date: 2003-09-02 00:08:02 UTC
From: K3PID
Topic: 1864  Message: 1869

How is the reproduction quality? So many of the pdf's are either so darn dark that you can't use the pictures or so grainy that the drawings are not usable.

If yours are good quality I'll take a set!

K3PID - Ron H.

[Non-text portions of this message have been removed]

# 1870. T-368 Wanted to purchase

Yahoo group: T-368_BC-610
Date: 2003-09-05 01:26:54 UTC
From: radarparker
Topic: 1870  Message: 1870

I'm looking for a T-368 to purchase. I prefer one that isn't modified and a "C" or newer. I may be asking for too much. Let me know what you have available.

Thanks for your help!

# 1871. PTT for the BC-610/T-213

Yahoo group: T-368_BC-610
Date: 2003-09-10 16:13:54 UTC
From: rbethman
Topic: 1871  Message: 1871

Hello Group!

KJ5V, Lon Cottingham, provided a circuit for the BC-610/T213s for
setting up PTT operations.

It is extracted from the schematic for the Control C-1218/GR schematic.

Another "Beast" owner cleaned up the drawing and then attributed it
to me, BUT Lon did it.

It is available on-line at:

<http://home.comcast.net/~rbethman/BC-610-PTT.jpg>

Enjoy!

--
< Bob Bethman - N0DGN
+-------------------------------+----------------------------------+
| N0DGN AMRadio Manassas, VA | Home Builder |
+-------------------------------+----------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| <rbethman@...> \\ ~ ~ // signal does *NOT* mean |
| Bethman Fine Homes (/ @ @ /) that everything is OK " |
+-------------------------oOOo-(_)-oOOo----------------------------+
| <http://home.comcast.net/~rbethman> |
| 1 BC-610I w/BC-614I,1 T-213/GRC-26 w/BC614I 1 '51 Collins R-390A |
| 1 '67 EAC R-390A, Heathkit DX-60, Apache, Mohawk, SX-101, HT-32A |
| Amatuer Astronomer - Celestron Nexstar 8 |
+-------------------------------------------------------------------+
| Opinions expressed are that of my own and do not necessarily |
| coincide with or represent those of ANYONE else |
+-------------------------------------------------------------------+
ALL E-mail received and sent scanned by AVG & Norton Anti-Virus>

# 1872. [Fwd: PTT for the BC-610/T-213]

Yahoo group: T-368_BC-610
Date: 2003-09-10 16:16:12 UTC
From: rbethman
Topic: 1872  Message: 1872

Oops!

C1 is a 25uf, R1 is 40. J1 is the right hand socket on the BC-614(*)

Bob

-------- Original Message --------

Hello Group!

KJ5V, Lon Cottingham, provided a circuit for the BC-610/T213s for
setting up PTT operations.

It is extracted from the schematic for the Control C-1218/GR schematic.

Another "Beast" owner cleaned up the drawing and then attributed it
to me, BUT Lon did it.

It is available on-line at:

<http://home.comcast.net/~rbethman/BC-610-PTT.jpg>

Enjoy!

--
< Bob Bethman - N0DGN
+-------------------------------+---------------------------------+
| N0DGN AMRadio Manassas, VA | Home Builder |
+-------------------------------+---------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| <rbethman@...> \\ ~ ~ // signal does *NOT* mean |
| Bethman Fine Homes (/ @ @ /) that everything is OK " |
+-------------------------oOOo-(_)-oOOo----------------------------+
| <http://home.comcast.net/~rbethman> |
| 1 BC-610I w/BC-614I,1 T-213/GRC-26 w/BC614I 1 '51 Collins R-390A |
| 1 '67 EAC R-390A, Heathkit DX-60, Apache, Mohawk, SX-101, HT-32A |
| Amatuer Astronomer - Celestron Nexstar 8 |
+-----------------------------------------------------------------+
| Opinions expressed are that of my own and do not necessarily |
| coincide with or represent those of ANYONE else |
+-----------------------------------------------------------------+
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--
< Bob Bethman - N0DGN
+-------------------------------+---------------------------------+
| N0DGN AMRadio Manassas, VA | Home Builder |
+-------------------------------+---------------------------------+

| Bob Bethman \\\|/// " The absence of a danger |
| <rbethman@...> \\ ~ ~ // signal does *NOT* mean |
| Bethman Fine Homes (/ @ @ /) that everything is OK " |
+-------------------------oOOo-(_)-oOOo----------------------------+
| <http://home.comcast.net/~rbethman> |
| 1 BC-610I w/BC-614I,1 T-213/GRC-26 w/BC614I 1 '51 Collins R-390A |
| 1 '67 EAC R-390A, Heathkit DX-60, Apache, Mohawk, SX-101, HT-32A |
| Amatuer Astronomer - Celestron Nexstar 8 |
+-----------------------------------------------------------------+
| Opinions expressed are that of my own and do not necessarily |
| coincide with or represent those of ANYONE else |
+-----------------------------------------------------------------+
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# 1873. Need BC-614 Speech Amp

Yahoo group: T-368_BC-610
Date: 2003-09-11 19:25:51 UTC
From: Bill Feldmann
Topic: 1873  Message: 1873

Hi All,

Hope I'm doing this right since I'm new to the reflector and just got my BC-610F working.

I'm in need of a good BC-614 speech amp. I would prefer the BC-614F model since my BC-610 is a F model and it would be a nice match.

However any model would work fine since I have to return the one I barrowed ASAP to get my BC-610 checked out.

Also thinking of driving my BC-610F off my Symetrics 528 audio system but need some sort of 500 ohm line amp to get 2 watts of audio into the BC-610. The Symetrics only puts out 20dbm max into 500 ohms.

Bill N6PY

# 1874. Belton

Yahoo group: T-368_BC-610
Date: 2003-09-25 11:38:55 UTC
From: Charles East
Topic: 1874  Message: 1874

I will be at Belton about noon on the 3rd....Willl have BC-610-I with 614e speech amp, tuning units and coils for 80,40 20...Will have generator dummy load scope and watt meter so you can listen to it.....Rick KA5SRB

# 1875. Wanted, T-368 Vacuun Antenna Relay

Yahoo group: T-368_BC-610
Date: 2003-10-03 04:48:10 UTC
From: radarparker
Topic: 1875  Message: 1875

Hello,

I need a replacment K11, Antenna changeover Relay for a T-368E. The relay is a glass inclosed vacuum relay, double pole double throw and has a 12 vdc coil.

Any help would be greatly appreciated!

Best Regards,

Jeff Parker

# 1876. Re: [T-368_BC-610] Wanted, T-368 Vacuun Antenna Relay

Yahoo group: T-368_BC-610
Date: 2003-10-03 18:03:35 UTC
From: Joe Foley
Topic: 1875  Message: 1876

--- radarparker <radarparker@...> wrote:
> Hello,
>
> I need a replacment K11, Antenna changeover Relay
> for a T-368E. The
> relay is a glass inclosed vacuum relay, double pole
> double throw and
> has a 12 vdc coil.
+++++
You'll want to be absolutely sure of the coil voltage
and make sure that it agrees with the voltage of the
unit you're dealing with. There were versions with
120 Volt relays and 24-6 volt relays, too.

That may be why you have to change your's now? I'm
guessing.

73

Joe

_____
Do you Yahoo!?
The New Yahoo! Shopping - with improved product search
http://shopping.yahoo.com

# 1877. Re: [T-368_BC-610] Wanted, T-368 Vacuun Antenna Relay

Yahoo group: T-368_BC-610
Date: 2003-10-04 01:23:37 UTC
From: Joe Foley
Topic: 1875  Message: 1877

--- Jeff Parker <radarparker@...> wrote:
> Hi Joe,
>
> Thanks for the help. I was mistaken on the voltage.
> According to the E-version info in the manual, it's
> a 24 V coil. This is a T-3 I just purchased and the
> whole antenna change over assembly is missing so I
> need to come up with a replacement.
+++++++
Well,....

The next thing to do would be to verify that it IS an "E" model all the way through, can't neccessarily go by the tag. Better match it up to the schematic and hope there were no mods done to it. Try to date it by the pictures in the manual, but be careful there, too, some of the pictures are out of sequence as to date of use of the modules pictured.

I did a whole start-up sequence for this transmitter, hopefully someone saved it, it's in the archives but I have no idea where and I'd hate to go through it again, I might miss something.

Keep us posted,

Joe

_____
Do you Yahoo!?
The New Yahoo! Shopping - with improved product search
http://shopping.yahoo.com

# 1878. Here it is!: new T-368 owner

Yahoo group: T-368_BC-610
Date: 2003-10-04 01:33:33 UTC
From: redmenaced
Topic: 1878  Message: 1878

--- In T-368_BC-610@yahoogroups.com, Joe Foley <redmenaced@y...>
wrote:
http://home.att.net/~r391/www_ott/t368.htm

Here's the place to start, Joe!

The interlocks will be the most failure prone item
that needs to be checked first.

Mine ALL needed attention. Check for burned wires,
poor alignment, bent decks, squashed springs, burn
marks on the contact surfaces. These will be reliable
if taken care of.

Next is to clean, then clean, then clean some more.
All of the HV ceramics should be cleaned to remove any
oily stuff that will conduct.

Check all the spark gaps on the HV components, set
them according to the book. Check the HV wire on the
power supply deck for cracks or dried out insulation,
especially where it goes through the holes in the
deck. Big problem there, the older decks ran both
wires through one hole, the newer ones used separate
holes for each wire. Arc overs in these holes are
tough to find!

Clean the plate coil to remove anything that will
conduct, spiders, dust, etc.

Check all of the HV wire for bad or pinched
insulation.

Check the wiring harness where it runs behind the deck
bolts for pinched places.

Check the antenna relay for corroded connections, my
decks were ok, but I think my cabinet got into some
salt water somewhere as all of the antenna relay
connections were corroded like they'd been on New York
highways in the winter.

Oh, ... check the HV wiring and insulators to see that
they're clean and in good shape,..... did I mention
that yet?

Check the pick up shoe on the RF deck for a good
contact and alignment.

Check the BNC connectors on the speech amp for solid ground, check all of the audio line for good grounds on the stuff that is supposed to be grounded. This is where ultra-sonic modulation starts, not good.

Install a new three wire, 10 gauge power cord and make sure its grounded well inside the transmitter. I removed the plug on the back and put a 1 1/4" X 3/4" Plumbing reducer in the hole held in with a 1 1/4" electrical lock nut. Inside that I put a Kellem-type strain relief connector sized for the 10/3 cord.

This should be connected to a 30 Amp 120 volt circuit. Well grounded, of course.

And then if you get that far, check the HV insulators for cracks and to see that they are clean, also pay special attention to the insulation on the HV in the power supply deck.

Check the cabling in the RF deck to be sure its not in the FSK mode, you'll need the manual for that.

Check the fuse size in the power supply deck.

Put new bearings in the fan motors.

Check the condition of the Filament Voltage pot, this gets very hot, mine had a Chernobyl spot on it.

I had one relay that had one set of contacts welded shut, so you may want to check the function of all of them before you put power to it.

Not a bad idea to go through the manual and do the resistance checks at every tube socket and plug. This will give you a "baseline" for later troubleshooting, you'll know what it did when you got it, before the trouble showed up. This may also show problems if there are any.

Joe's rule: If you turn it on and it works the first time, ..... you didn't learn anything.

--- Joe Munson <prc74b@i...> wrote:
> Group,
>
> I am now the proud owner of a T-368 manufactured by
> Crosley Radio, which used to be located here in
> Cincinnati. . Any hints or kinks I should know
> about before lighting if off for the first time?
> Any thing in particular I should look for in parts
> that have a problem developing over years of use and
> sitting around. Or there any that tend to have a

> high failure rate? I have a couple of operators
> manual's, but no tech manual. Appears to be pretty
> straight forward AM/CW xmiter. I have two audio amp
> decks....one appears to have many new caps, etc and
> the other appears to be orginal.
>
> I also have the matching BC969 Ant Tuner, two R390A
> recievers, and Sideband Converter, ME 165 Power
> Meter, and some other related heavy metal from some
> kind setup.
>
> So Far, have applied fil voltage, and tubes lite.
> I have not put the HV to it yet, thought I better
> check with this group. Friend of mine sent me the
> site...I had no idea it existed. Thanks in advance
> for any advice.
>
> Joe,
>
> WA4VAG.
>
>
> [Non-text portions of this message have been
> removed]
>
>

---------------------------------------------------
Do You Yahoo!?
Yahoo! Auctions - Buy the things you want at great prices.
http://auctions.yahoo.com/
--- End forwarded message ---

# 1879. Another support frame question

Yahoo group: T-368_BC-610
Date: 2003-10-09 00:28:28 UTC
From: K3PID
Topic: 1879  Message: 1879

Sorry if I am beating this to death but sometimes a fellow just has to know! The hemispherical shock mount devices that are between the T-3 and the double H frame. Can anyone give me any details of the construction and/or materials? Also, it would be super if someone had one apart and could take some pictures... OR maybe these mechanical devices are covered in a manual????

Tnx
K3PID Ron H.

[Non-text portions of this message have been removed]

# 1880. Re: [T-368_BC-610] Another support frame question

Yahoo group: T-368_BC-610
Date: 2003-10-11 01:03:32 UTC
From: Trevor Lewis
Topic: 1879  Message: 1880

It's been a long time since my T-3 was off of the base, but my memory is that these shockmounts are basically a steel plate on the bottom, with an inverted cup on top, and a very heavy rubber, probably reinforced with something, in between. They looked very similar to shock mounts that I have seen on other mil-spec mounts, only a heck of a lot bigger to account for the weight of the T-3. Someone that deals in huge military stuff like www.murphyjunk.com might have something similar. But assuming your T-3 will be used at a home QTH, I think you could shape hardwood blocks to the proper shape, paint them grey, and never notice the difference

73
Trevor
KD1YT
----- Original Message -----
From: K3PID
To: T-368_BC-610@yahoogroups.com
Sent: Wednesday, October 08, 2003 8:28 PM
Subject: [T-368_BC-610] Another support frame question

Sorry if I am beating this to death but sometimes a fellow just has to know! The hemispherical shock mount devices that are between the T-3 and the double H frame. Can anyone give me any details of the construction and/or materials? Also, it would be super if someone had one apart and could take some pictures... OR maybe these mechanical devices are covered in a manual????

Tnx
K3PID Ron H.

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 1881. Re: [T-368_BC-610] Another support frame question

Yahoo group: T-368_BC-610
Date: 2003-10-14 18:22:29 UTC
From: Ed Zeranski
Topic: 1879  Message: 1881

Subject: Re: [T-368_BC-610] Another support frame question

> It's been a long time since my T-3 was off of the base, but my memory is that these shockmounts are basically a steel plate on the bottom, with an inverted cup on top, and a very heavy rubber, probably reinforced with something, in between.

I've seen large shock mounts at Murphy's. The kind with the spiral of wire rope are more common now.

EdZ

# 1882. tubes wanted

Yahoo group: T-368_BC-610
Date: 2003-10-14 23:28:50 UTC
From: K5JV
Topic: 1882  Message: 1882

Greetings to all,

I am looking for some 26Z5 or 26Z5W rectifier tubes. For those of us who do not recognize this number, it is the 9 pin miniature rectifier that us used in the R-390/390A/725 receivers. Cash or trade.

73 de Lon Cottingham K5JV
"The Belton Brisket Bandit"

1110 Golden Bear LN.
Kingwood, TX 77339
281-358-4207
281-358-4234 FAX

[Non-text portions of this message have been removed]

# 1883. J-box

Yahoo group: T-368_BC-610
Date: 2003-10-14 20:57:16 UTC
From: Ed Zeranski
Topic: 1883  Message: 1883

Does anyone have a JB-70 junction box for sale that would go with a BC-610I?

Thank you! Good luck and Happy BoatAnchoring!!
EdZ

# 1884. Re: [T-368_BC-610] tubes wanted

Yahoo group: T-368_BC-610
Date: 2003-10-15 21:01:57 UTC
From: K3PID
Topic: 1882  Message: 1884

Hi Lon, I bought three in August from Michael C. Marx
at sndtubes@...

73
K3PID Ron H.

# 1885. FS: BC-610 Oscillator Tuning Unit set

Yahoo group: T-368_BC-610
Date: 2003-10-16 17:04:45 UTC
From: Roy Morgan
Topic: 1885  Message: 1885

BC-610 owners:

BC-610 (Oscillator) Tuning Unit set available

From another list:
Contact: "Brian Carling" <bcarling@...>
(NOT ME)

"FOR SALE:
BC-610 Tuning units
A complete set of QTY 7 available with the carrying case.
Most are in excellent condition. One is a little rusty.
Cover all tuning ranges TU-47 through TU-53.
Will sell for $30.00 each or all seven for $195.00
Shipping additional. "

Pictures available at:
http://home.cfl.rr.com/happysurfer/radios.htm
- Roy Morgan, K1LKY since 1959 - Keep 'em Glowing!
7130 Panorama Drive, Derwood MD 20855
Home: 301-330-8828 Work: Voice: 301-975-3254, Fax: 301-948-6213
roy.morgan@... --

# 1886. 26Z5 tubes

Yahoo group: T-368_BC-610
Date: 2003-10-16 23:17:26 UTC
From: K5JV
Topic: 1886  Message: 1886

Subject: 26Z5 tubes

Thanks to all of you who responded to my inquiry on 26Z5 rectifier tubes. I had offers ranging from $25.00 on the high side to $7.00 on the low. Ended up trading some 4-65's for a batch of 26Z5's. Apparently there are still plenty of them out there at reasonable prices.

73 de Lon Cottingham K5JV
"The Belton Brisket Bandit"

1110 Golden Bear LN.
Kingwood, TX 77339
281-358-4207
281-358-4234 FAX

[Non-text portions of this message have been removed]

# 1887. BC-610 Registry

Yahoo group: T-368_BC-610
Date: 2003-10-26 23:07:23 UTC
From: ct1te@clix.pt
Topic: 688  Message: 1887

Greetings.

I am the proud owner of the
BC-610E S/N 601HX.
Order NO. 28934-PHILA-45-07
THE HALLICRAFTERS CO.

Antonio Magalhaes=CT1TE.

Clix Rapidix - Aumente at? 6X a velocidade da sua Internet
Adira em http://acesso.clix.pt e comece logo a navegar

# 1888. BC-610 on E-bay

Yahoo group: T-368_BC-610
Date: 2003-10-27 01:26:10 UTC
From: redmenaced
Topic: 1888  Message: 1888

I don't think it looks any worse than some others I've seen in unrestored condition.

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=3055071161&category=296

# 1889. T-368 from a rug merchant on E-bay!

Yahoo group: T-368_BC-610
Date: 2003-10-27 03:05:15 UTC
From: redmenaced
Topic: 1889  Message: 1889

http://cgi.ebay.com/ws/eBayISAPI.dll?
ViewItem&item=3055071161&category=296

# 1890. Hey! look at what popped up.

Yahoo group: T-368_BC-610
Date: 2003-11-01 03:30:32 UTC
From: redmenaced
Topic: 1890  Message: 1890

http://cgi.ebay.com/ws/eBayISAPI.dll?
ViewItem&item=3056465402&category=296

# 1891. H. V. cable

Yahoo group: T-368_BC-610
Date: 2003-11-01 12:47:18 UTC
From: ct1te@clix.pt
Topic: 1891  Message: 1891

Greetings!

I am restoring a BC-610-E and I need to replace the high voltage wiring. I would like to use a cable as similar as possible to the original one. Any info about that should be welcome and very much appreciated.

Thanks and 73's,
Antonio=CT1TE.

Clix Rapidix - Aumente at? 6X a velocidade da sua Internet
Adira em http://acesso.clix.pt e comece logo a navegar

# 1892. Re: [T-368_BC-610] H. V. cable

Yahoo group: T-368_BC-610
Date: 2003-11-01 15:02:29 UTC
From: Joe Foley
Topic: 1891  Message: 1892

And available in Portugal, too? Check the Dearborn
Wire and Cable website they may have it, I don't have
their URL handy, sorry.

73

Joe

--- ct1te@... wrote:
> Greetings!
>
> I am restoring a BC-610-E and I need to replace the
> high voltage
> wiring. I would like to use a cable as similar as
> possible to the
> original one. Any info about that should be welcome
> and very much
> appreciated.
>
> Thanks and 73's,
> Antonio=CT1TE.
>
>
> Clix Rapidix - Aumente at? 6X a velocidade da sua
> Internet
> Adira em http://acesso.clix.pt e comece logo a
> navegar
>
>
>

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Exclusive Video Premiere - Britney Spears
http://launch.yahoo.com/promos/britneyspears/

# 1893. Re: [Milsurplus] F.S.- NOS 250TH

Yahoo group: T-368_BC-610
Date: 2003-11-05 00:16:38 UTC
From: Joe Foley
Topic: 1893  Message: 1893

Don't hit the REPLY button, see the address below!

--- brianm@... wrote:
> Hello to the group...
>
> I have surplus to my needs a NOS NIB Eimac 250TH.
> Don't know if anyone is still running any
> transmitters that use this beast, but if you do and
> you would like a spare, I'll part with it for a
> reasonable offer. It comes with the original
> packing and has the original gov shipping labels in
> place on the box. Any offers? I hate to send it to
> the e place, would rather see it go to someone on
> the list that could make use of it. e-mail me direct
> if interested.
>
> Tnx es 73,
> Brian wj0p
>
> --- StripMime Report -- processed MIME parts ---
> multipart/alternative
> text/plain (text body -- kept)
> text/html
> The reason this message is shown is because the post
> was in HTML
> or had an attachment. Attachments are not allowed.
> To learn how
> to post in Plain-Text go to:
> http://www.expita.com/nomime.html ---
> _____
> Milsurplus mailing list
> Milsurplus@...
> http://mailman.qth.net/mailman/listinfo/milsurplus

_____
Do you Yahoo!?
Protect your identity with Yahoo! Mail AddressGuard
http://antispam.yahoo.com/whatsnewfree

# 1894. Re: [Milsurplus] F.S. - NOS 250TH: SOLD!

Yahoo group: T-368_BC-610
Date: 2003-11-05 03:36:27 UTC
From: Joe Foley
Topic: 1894  Message: 1894

```
--- brianm@... wrote:
> Many thanks to all who responded. The 250TH has been
> sold.
> Jeez, wish I had a few more...
>
> 73 es keep 'em glowin
> Brian wj0p
>
> --- StripMime Report -- processed MIME parts ---
> multipart/alternative
> text/plain (text body -- kept)
> text/html
> The reason this message is shown is because the post
> was in HTML
> or had an attachment. Attachments are not allowed.
> To learn how
> to post in Plain-Text go to:
> http://www.expita.com/nomime.html ---
> _______________________________________________
> Milsurplus mailing list
> Milsurplus@...
> http://mailman.qth.net/mailman/listinfo/milsurplus

_________________________________
Do you Yahoo!?
Protect your identity with Yahoo! Mail AddressGuard
http://antispam.yahoo.com/whatsnewfree
```

# 1895. Re: [T-368_BC-610] H. V. cable

Yahoo group: T-368_BC-610
Date: 2003-11-05 15:07:28 UTC
From: Mark Foltarz
Topic: 1891  Message: 1895

Neon sign shops use wire that will easily handle the job. Its thick like the old stuff and stranded copper inside - almost like #14 I believe. Its does'nt cost much either. If your lucky you might talk them out of the pieces that they are throwing out that day!

de KA4JVY
Mark

--- Joe Foley <redmenaced@...> wrote:
> And available in Portugal, too? Check the Dearborn
> Wire and Cable website they may have it, I don't have
> their URL handy, sorry.
>
> 73
>
> Joe
>
>
>
> --- ct1te@... wrote:
> > Greetings!
> >
> > I am restoring a BC-610-E and I need to replace the
> > high voltage
> > wiring. I would like to use a cable as similar as
> > possible to the
> > original one. Any info about that should be welcome
> > and very much
> > appreciated.
> >
> > Thanks and 73's,
> > Antonio=CT1TE.
> >
> >
> > Clix Rapidix - Aumente at? 6X a velocidade da sua
> > Internet
> > Adira em http://acesso.clix.pt e comece logo a
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> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

---
Do you Yahoo!?
Protect your identity with Yahoo! Mail AddressGuard
http://antispam.yahoo.com/whatsnewfree

# 1896. I hear,.....

Yahoo group: T-368_BC-610
Date: 2003-11-12 03:49:52 UTC
From: redmenaced
Topic: 1896  Message: 1896

W8KXR, Gene in Ohio!

Too bad I don't have an antenna up for 1.885 MHz or I'd jump in, too.

Sounds good into Western NY, bustin' through the noise and fading.
The waveform on the modulation monitor is bouncing all over the place
due to the fading, but excellent copy.

Joe KG2CI

# 1897. Nice looking BC-610 on Ebay

Yahoo group: T-368_BC-610
Date: 2003-11-14 21:56:31 UTC
From: redmenaced
Topic: 1897  Message: 1897

http://cgi.ebay.com/ws/eBayISAPI.dll?
ViewItem&item=3057803086&category=4675

# 1898. Re: [T-368_BC-610] Nice looking BC-610 on Ebay

Yahoo group: T-368_BC-610
Date: 2003-11-15 03:49:51 UTC
From: James M. Walker
Topic: 1897  Message: 1898

The coils and tuning units might be ok! The transmitter however has most definitely been modified. Note: The plate current meter in the BC-610 is isolated from ground by an insulating mounting ring between the meter and the cabinet! If the HV meter modification does not take that into account it could be hazardous! Sort of makes me wonder what was going through the persons' mind who made the modifications. The unit looks OK, and if you wanted to make it back to original, you could probably find a front "skin" that wasn't too beat up to replace the modified one. All told the iron is worth 300.00 so I estimate it will sell for around 450.00 - 600.00, solely because of all the tuning units and coils. Omaha is a long way from Buffalo so I think I will let it pass.

An additional note is due here, in that all the parts could be used to build a "HB" 1KW input rig!
Jim
WB2FCN

redmenaced wrote:
>
> http://cgi.ebay.com/ws/eBayISAPI.dll?
> ViewItem&item=3057803086&category=4675
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 1899. anyone need speedh amp filters?

Yahoo group: T-368_BC-610
Date: 2003-11-24 14:22:16 UTC
From: Tom Mackie
Topic: 1899  Message: 1899

Hello all T368 owners.

Do any of you have a want or need for those restrictive speech amp filters? I was cleaning up this weekend and found both which I had removed from a modified T3 speech amp. Since they are originals, maybe some of you want to be sure all stock components are in place!! Let me know if you have a need and I will mail them to you - N/C.

Just so the purists dont think I am hacking the big rig, the current speech amp has the filters installed (neatly bypassed). So just in case we want to have a bad audio night, I can get it all back on line in stock form.

73, have a great holiday
Tom
W2ILA

# 1900. for sale UTC CVM-5

Yahoo group: T-368_BC-610
Date: 2003-11-24 16:30:20 UTC
From: James M. Walker
Topic: 1900  Message: 1900

Hello Fellow AMers,
Offered for sale is this UTC CVM-5, 600 watt Modulation transformer.
Asking 350.00 plus shipping, approximate weight for shipping is 75 lbs.
Specs for this Multi-Match transformer can be found on the AM Window
tech pages, under modulation transformers, including hook-up wiring.
That url is http://www.amwindow.org/

Thanks for reading,
Jim
WB2FCN
Pictures at URL

http://eshop1.chem.buffalo.edu/Forsale.html

# 1901. T-368 Audio mods

Yahoo group: T-368_BC-610
Date: 2003-11-28 05:24:14 UTC
From: redmenaced
Topic: 1901  Message: 1901

http://r-390a.us/T-368RFDeckMods.htm

# 1902. Wrinkle finish

Yahoo group: T-368_BC-610
Date: 2003-11-30 23:14:33 UTC
From: Antonio Magalhaes
Topic: 1902  Message: 1902

Greetings!

The restoration of my BC-610E involves
the cabinet painting. I am therefore
very interested in obtaining as much
information as possible regarding the
black wrinkle finish.

Info on possible suppliers of the enamel
(similar to the Hallicrafters original)
surface preparation,painting techique,
baking temperature (if applicable), as
well as possible pitfalls and troubles,
should be very much appreciated.

Thanking you in advance,
Best 73
Antonio=CT1TE.

# 1903. Test

Yahoo group: T-368_BC-610
Date: 2003-12-01 00:01:31 UTC
From: wa5cab@cs.com
Topic: 1903  Message: 1903

Test

Robert & Susan Downs - Houston
<http://www.wa5cab.com> (Web Store)
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 1904. Re: [T-368_BC-610] Wrinkle finish

Yahoo group: T-368_BC-610
Date: 2003-12-01 00:10:46 UTC
From: n7oo@theriver.com
Topic: 1902  Message: 1904

I'm also interested in this topic as well as appying the front panel lettering.

73 de Jack

> Greetings!
>
> The restoration of my BC-610E involves
> the cabinet painting. I am therefore
> very interested in obtaining as much
> information as possible regarding the
> black wrinkle finish.
>
> Info on possible suppliers of the enamel
> (similar to the Hallicrafters original)
> surface preparation,painting techique,
> baking temperature (if applicable), as
> well as possible pitfalls and troubles,
> should be very much appreciated.
>
> Thanking you in advance,
> Best 73
> Antonio=CT1TE.
>
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 1905. T-368 Mod iron gap setting

Yahoo group: T-368_BC-610
Date: 2003-12-05 14:14:15 UTC
From: w1vwl
Topic: 1905  Message: 1905

Hello group

I'm hoping someone can help with the correct setting of the spark gap
on the T-368 mod iron. I've gone through the manual and can find no
specific info on the correct setting. I've heard everything from
an eighth inch to over a half inch, but know one seems to know for
sure.
I would hate to hurt the iron as I imagine its not cheap to replace.
Thanks a bunch. Any help will be greatly appreciated.
de W1VWL
Bob in Lisbon, Ct.

# 1906. T-368 Mod iron gap setting - Found word(s) free cartridges in the Text body.

Yahoo group: T-368_BC-610
Date: 2003-12-05 19:10:52 UTC
From: Tom Mackie
Topic: 1906  Message: 1906

Hi Bob,

You have broken military protocol by reading the manual. In order to foil enemy attempts at proper radio operation, certain secret details have been omitted.

Knowing that, on the side of my mod iron is printed 'set spark gap .020" +- 5%'
Go into the rig and see if yours has a spec printed on the transformer itself. Since I have not seen a spec in the manual I wonder if it may depend upon the manufacturer/iron subcontractor to set the spec. Mine has printing on the forward face of the transformer so you dont have to take the deck out to read it.

Hope to hear you on 160 this weekend. The WX looks like it is shaping up to keep us indoors playing radio all day Saturday.

73

Tom
W2ILA

-----Original Message-----
From: w1vwl [mailto:w1vwl@...]
Sent: Friday, December 05, 2003 9:14 AM
To: T-368_BC-610@yahoogroups.com
Subject: [***SPAM***] - [T-368_BC-610] T-368 Mod iron gap setting -
Found word(s) free cartridges in the Text body.

Hello group

I'm hoping someone can help with the correct setting of the spark gap
on the T-368 mod iron. I've gone through the manual and can find no
specific info on the correct setting. I've heard everything from
an eighth inch to over a half inch, but know one seems to know for
sure.
I would hate to hurt the iron as I imagine its not cheap to replace.
Thanks a bunch. Any help will be greatly appreciated.
de W1VWL
Bob in Lisbon, Ct.

Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 1907. Not a commercial!

Yahoo group: T-368_BC-610
Date: 2003-12-08 00:35:50 UTC
From: redmenaced
Topic: 1907  Message: 1907

http://www.pwdahl.com/profile.htm

Dig around on this page and see if there is anything a T-368/BC-610
could use.

Joe

# 1908. Transmitter T-368 for sale.....

Yahoo group: T-368_BC-610
Date: 2003-12-13 17:50:18 UTC
From: Bob Richmond
Topic: 1908  Message: 1908

If interested, contact "Tom Bowes-kk8m" at (kk8m@...) who lives in
the Detroit, Michigan area.

Do not contact me.........

73......
Bob
w8mnq the 2nd

# 1909. WTB: T-368

Yahoo group: T-368_BC-610
Date: 2003-12-15 21:50:37 UTC
From: k3inoncw
Topic: 1909  Message: 1909

Anyone in the Washington / Baltimore area (or within, say, 500 miles of Washington) have a T-368 they would be willing to part with for a reasonable price? My basement shack gets kinda chilly in the winter!
--Pete, K3IN

# 1910. Re: [T-368_BC-610] WTB: T-368

Yahoo group: T-368_BC-610
Date: 2003-12-15 22:02:51 UTC
From: rbethman
Topic: 1909  Message: 1910

Pete,

I just ran MS MapPoint, and the one way run gomes out to 525 miles.

Bob - N0DGN
(Two BC-610s heating the shack)

If interested, contact "Tom Bowes-kk8m" at (kk8m@...) who lives in
the Detroit, Michigan area.

Do not contact me.........

73......
Bob
w8mnq the 2nd

k3inoncw wrote:

>Anyone in the Washington / Baltimore area (or within, say, 500 miles
>of Washington) have a T-368 they would be willing to part with for a
>reasonable price? My basement shack gets kinda chilly in the winter!
> --Pete, K3IN
>
>

--
< Bob Bethman - N0DGN
+-------------------------------+---------------------------------+
| N0DGN AMRadio Manassas, VA | Home Builder |
+-------------------------------+---------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| <rbethman@...> \\ ~ ~ // signal does *NOT* mean |
| Bethman Fine Homes (/ @ @ /) that everything is OK " |
+-------------------------oOOo-(_)-oOOo----------------------------+
| <http://home.comcast.net/~rbethman> |
| 1 BC-610I w/BC-614I,1 T-213/GRC-26 w/BC614I 1 '51 Collins R-390A |
| 1 '67 EAC R-390A, Heathkit DX-60, Apache, Mohawk, SX-101, HT-32A |
+-----------------------------------------------------------------+
| Amateur Astronomer - Celestron Nexstar 8 |
| 12" f5 Dob coming soon! Being built |
| Meade ETX-60 (Got it back!) |
| 38 Deg 46.8' N - 77 Deg 28.5' W |
+-----------------------------------------------------------------+
| Opinions expressed are that of my own and do not necessarily |
| coincide with or represent those of ANYONE else |
+-----------------------------------------------------------------+
ALL E-mail received and sent scanned by AVG & Norton Anti-Virus>

# 1911. Re: [T-368_BC-610] WTB: T-368

Yahoo group: T-368_BC-610
Date: 2003-12-15 23:26:53 UTC
From: Joe Foley
Topic: 1909  Message: 1911

Yup, I get 523.4 by using Yahoo>>Maps>>Driving
Directions.

I say: "Go for it!!"

Then you can stop at Fair Radio on the way back and
get any parts that are missing or spares!

ROAD TRIP!

Or, if need be, we can come up with shipping
assistance of some kind.

Joe

--- rbethman <rbethman@...> wrote:
> Pete,
>
> I just ran MS MapPoint, and the one way run comes
> out to 525 miles.
>
> Bob - N0DGN
> (Two BC-610s heating the shack)
>
>
> If interested, contact "Tom Bowes-kk8m" at
> (kk8m@...) who lives in
> the Detroit, Michigan area.
>
> Do not contact me.........
>
> 73......
> Bob
> w8mnq the 2nd
>
>
>
> k3inoncw wrote:
>
> >Anyone in the Washington / Baltimore area (or
> within, say, 500 miles
> >of Washington) have a T-368 they would be willing
> to part with for a
> >reasonable price? My basement shack gets kinda
> chilly in the winter!
> >

> --Pete, K3IN
> >
> >
>
> --
> < Bob Bethman - N0DGN
>
+------------------------------+----------------------------------+
> | N0DGN AMRadio Manassas, VA | Home
> Builder |
>
+------------------------------+----------------------------------+
> | Bob Bethman \\\|/// " The
> absence of a danger |
> | <rbethman@...> \\ ~ ~ // signal
> does *NOT* mean |
> | Bethman Fine Homes (/ @ @ /) that
> everything is OK " |
>
+-------------------------oOOo-(_)-oOOo----------------------------+
> | <http://home.comcast.net/~rbethman>
> |
> | 1 BC-610I w/BC-614I,1 T-213/GRC-26 w/BC614I 1 '51
> Collins R-390A |
> | 1 '67 EAC R-390A, Heathkit DX-60, Apache, Mohawk,
> SX-101, HT-32A |
>
+--------------------------------------------------------------------+
> | Amateur Astronomer - Celestron Nexstar 8
> |
> | 12" f5 Dob coming soon! Being built
> |
> | Meade ETX-60 (Got it back!)
> |
> | 38 Deg 46.8' N - 77 Deg 28.5' W
> |
>
+--------------------------------------------------------------------+
> | Opinions expressed are that of my own and do not
> necessarily |
> | coincide with or represent those of ANYONE
> else |
>
+--------------------------------------------------------------------+
> ALL E-mail received and sent scanned by AVG &
> Norton Anti-Virus>
>
>
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>

_____
Do you Yahoo!?
New Yahoo! Photos - easier uploading and sharing.
http://photos.yahoo.com/

# 1912. Re: [T-368_BC-610] WTB: T-368

Yahoo group: T-368_BC-610
Date: 2003-12-16 00:07:23 UTC
From: Joe Foley
Topic: 1909  Message: 1912

Yup,

Time to fire up the ol' BAS&RRV!!

Boat Anchor Search and Recovery/Rescue Vehicle. At
least a 3/4 ton PU, covered, of course.

Joe

--- Ed Zeranski <ezeran@...> wrote:
> > Then you can stop at Fair Radio on the way back
> and
> > get any parts that are missing or spares!
> >
> > ROAD TRIP!
> >
> > Or, if need be, we can come up with shipping
> > assistance of some kind.
> >
> > Joe
>
> I call them "Radio Rambles' when I go after
> something. The last ramble
> was the day after last Christmas from San Diego to
> Pinetop AZ to drag home
> an SRT-15/15 with spares.
>
> EdZ
>

_____
Do you Yahoo!?
Free Pop-Up Blocker - Get it now
http://companion.yahoo.com/

# 1913. Re: [T-368_BC-610] WTB: T-368

Yahoo group: T-368_BC-610
Date: 2003-12-16 04:12:10 UTC
From: Ed Zeranski
Topic: 1909  Message: 1913

The recovery vehicle last Christmas was the Jeep Cherokee pulling a rented 1 ton trailer from Mesa AZ. I bought the SRT-14/15 from August Johnson who posted the military manuals...nice man! In years before I drove to Northern California to pick up a new RAK/RAL pair with all the bits and another was to swap an R390A( Stewart Warner 1959 and CV591A) for a BC610I, then another was a high Desert run for WWII tank radios plus Central Electronics 10A etc...seems like once a year or so I do the "Radio Ramble." The 1964 GMC pickup works fine for these efforts, ~8^), too.

I stayed in a Mexican Flea bag motel in Gila Bend AZ

Subject: Re: [T-368_BC-610] WTB: T-368

> Yup,
>
> Time to fire up the ol' BAS&RRV!!
>
> Boat Anchor Search and Recovery/Rescue Vehicle. At
> least a 3/4 ton PU, covered, of course.
> > I call them "Radio Rambles' when I go after
> > something. The last ramble
> > was the day after last Christmas from San Diego to
> > Pinetop AZ to drag home
> > an SRT-14/15 with spares.
> >
> > EdZ

# 1914. Re: WTB: T-368

Yahoo group: T-368_BC-610
Date: 2003-12-16 04:25:58 UTC
From: k3inoncw
Topic: 1115  Message: 1914

I have an old VW Vanagon with a blueprinted and balanced 100-hp
engine that I use to tow a 2000lb. popup camper. Unfortunately,
it's blown a head gasket:( Once I get that fixed, I should be
back into the boat anchor rescue/adoption/repair action!
With the middle seat out, there's a *lot* of room in it!

# 1915. Re: [T-368_BC-610] Re: WTB: T-368

Yahoo group: T-368_BC-610
Date: 2003-12-16 04:45:31 UTC
From: Ed Zeranski
Topic: 1115  Message: 1915

Subject: [T-368_BC-610] Re: WTB: T-368

> I have an old VW Vanagon with a blueprinted and balanced 100-hp
> engine that I use to tow a 2000lb. popup camper.

Well, my other "BoatAnchor Mobile" is a restored 1974 Westfalia Popup camper. Damn thing has retrieved the elusive RALus Americanus with it's running mate RAKus Low frequentus. The Jeep dragged home a Navy TCK last Spring.~8^0

# 1916. Re: [T-368_BC-610] Re: WTB: T-368

Yahoo group: T-368_BC-610
Date: 2003-12-16 17:13:31 UTC
From: Roy Morgan
Topic: 1115  Message: 1916

At 08:45 PM 12/15/03 -0800, Ed Zeranski wrote:
> Well, my other "BoatAnchor Mobile" is a restored 1974 Westfalia Popup
>camper. Damn thing has retrieved the elusive RALus Americanus with it's
>running mate RAKus Low frequentus. The Jeep dragged home a Navy TCK last
>Spring.~8^0

I can see the headline and news story now:

Medium Strength Earthquake Traced to Large Sinkhole in Arizona

Authorities are baffled after tracing a modest earthquake to a large sinkhole at the home of an amateur radio operator and heavy equipment collector. Neighbors are reported to have said: "I just KNEW there's be trouble sooner or later!" and "No outbuilding I ever saw just sank into the desert like that ... why it's completely out of sight at the bottom of that huge hole."

One investigator emerged from the hole carrying a shard of glass that said: "EIMAC 4-1000". He refused to comment on the significance of the find. Police had cordoned off the hole and also were keeping curious onlookers away from strange black wires that crisscross the property.

An ancient Volkswagon Camper was seen being removed by trailer from the property and may have been involved somehow in the mishap. The owner was rumored to be overseas on assignment at the time of the collapse and calls to the residence were not answered by press time.

Roy
Who should check his cellar floor for any further sinking before putting any more GPT-750's down there.

- Roy Morgan, K1LKY since 1959 - Keep 'em Glowing!
7130 Panorama Drive, Derwood MD 20855
Home: 301-330-8828 Work: Voice: 301-975-3254, Fax: 301-948-6213
roy.morgan@... --

# 1917. Re: [T-368_BC-610] Re: WTB: T-368

Yahoo group: T-368_BC-610
Date: 2003-12-16 21:09:00 UTC
From: yardleyite@aol.com
Topic: 1115  Message: 1917

In a message dated 12/16/03 12:16:26 PM Eastern Standard Time,
roy.morgan@... writes:

> Medium Strength Earthquake Traced to Large Sinkhole in Arizona
>
> Authorities are baffled after tracing a modest earthquake to a large
> sinkhole at the home of an amateur radio operator and heavy equipment
> collector. Neighbors are reported to have said: "I just KNEW there's be
> trouble sooner or later!" and "No outbuilding I ever saw just sank into
> the desert like that ... why it's completely out of sight at the bottom of
> that huge hole."
>
> One investigator emerged from the hole carrying a shard of glass that said:
> "EIMAC 4-1000". He refused to comment on the significance of the
> find. Police had cordoned off the hole and also were keeping curious
> onlookers away from strange black wires that crisscross the property.
>
> An ancient Volkswagon Camper was seen being removed by trailer from the
> property and may have been involved somehow in the mishap. The owner was
> rumored to be overseas on assignment at the time of the collapse and calls
> to the residence were not answered by press time.
>
>
> Roy
> Who should check his cellar floor for any further sinking before putting
> any more GPT-750's down there.
>
>
I can see I'm not the oly one who believes in the credo:

The bigger it is and more it weighs
The better it will work!

Best Regards,
Joe Cro N3IBX

Joseph Cro N3IBX
Collins, Heathkit, Hallicrafters
Drake, National, and General
Boatanchor language spoken
here: N3IBX Basement of Boatanchors

N3IBX Boatanchor Website
N3IBX AM Studios:
Collins Radio Association Member # 122
AM International Member # 1280

[Non-text portions of this message have been removed]

# 1918. Re: [T-368_BC-610] Re: WTB: T-368

Yahoo group: T-368_BC-610
Date: 2003-12-16 21:28:15 UTC
From: Mark Foltarz
Topic: 1115  Message: 1918

--- Ed Zeranski <ezeran@...> wrote:
> Subject: [T-368_BC-610] Re: WTB: T-368
>
>
> > I have an old VW Vanagon with a blueprinted and balanced 100-hp
> > engine that I use to tow a 2000lb. popup camper.
>
> Well, my other "BoatAnchor Mobile" is a restored 1974 Westfalia Popup
> camper. Damn thing has retrieved the elusive RALus Americanus with it's
> running mate RAKus Low frequentus. The Jeep dragged home a Navy TCK last
> Spring.~8^0
>
>

Ahh another VW camper story! I got tired of replacing motors. I hope this is the last one!

http://www.shoptalkforums.com/viewtopic.php?t=55755

de KA4JVY
Mark

---
Do you Yahoo!?
New Yahoo! Photos - easier uploading and sharing.
http://photos.yahoo.com/

# 1919. Re: [T-368_BC-610] WTB: T-368

Yahoo group: T-368_BC-610
Date: 2003-12-17 01:38:50 UTC
From: Trevor Lewis
Topic: 1909  Message: 1919

Ah yes, my BAS&RRV at the time I acquired my T-3 was a 3/4 ton SuperDuty Ford-- which never had a better ride than when I was dragging the T-3 back from the Canadian border. Alas, as soon as it went off warranty, the Ford began to eat me out of house and home, and thus went down the road, and the T-3 still awaits adequate time to troubleshoot (sigh) some year. At least I did get ahold of a T-3 and did it while I had the right vehicle to haul it home, and some day the T-3 will light up the ether once again

73
Trevor
KD1YT
----- Original Message -----
From: Joe Foley
To: t-368_bc-610@yahoogroups.com
Sent: Monday, December 15, 2003 7:07 PM
Subject: Re: [T-368_BC-610] WTB: T-368

Yup,

Time to fire up the ol' BAS&RRV!!

Boat Anchor Search and Recovery/Rescue Vehicle. At
least a 3/4 ton PU, covered, of course.

Joe

--- Ed Zeranski <ezeran@...> wrote:
> > Then you can stop at Fair Radio on the way back
> and
> > get any parts that are missing or spares!
> >
> > ROAD TRIP!
> >
> > Or, if need be, we can come up with shipping
> > assistance of some kind.
> >
> > Joe
>
> I call them "Radio Rambles' when I go after
> something. The last ramble
> was the day after last Christmas from San Diego to
> Pinetop AZ to drag home
> an SRT-15/15 with spares.
>
> EdZ
>

_____
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[Non-text portions of this message have been removed]

# 1920. Re: [T-368_BC-610] WTB: T-368

Yahoo group: T-368_BC-610
Date: 2003-12-17 02:18:45 UTC
From: John Page
Topic: 1115  Message: 1920

Hauled my B&W T-368C back from near Cleveland in my wifes Chevy Tahoe. Boy was that a job getting it all in the back of that. Even worse getting it all out. Even the Tahoe squatted down a bit. At least it was all interstate back to north of cincinnati. Even had it on the air by the next day. But then K8TV had it all fixed up with the proper mods and ready to go. Its been doing great ever since. Still turn on the 32V once in a while but really like the T3 on these cold winter nights. Rig is in the basment. John

John Page K4KWM
Hollow State since 1953
(ex W8PKU,N8BLB,NA8O)

>From: "Trevor Lewis" <kd1yt@...>
>To: <t-368_bc-610@yahoogroups.com>,"Joe Foley" <redmenaced@...>
>Subject: Re: [T-368_BC-610] WTB: T-368
>Date: Tue, 16 Dec 2003 20:38:50 -0500
>
>Ah yes, my BAS&RRV at the time I acquired my T-3 was a 3/4 ton SuperDuty
>Ford-- which never had a better ride than when I was dragging the T-3 back
>from the Canadian border. Alas, as soon as it went off warranty, the Ford
>began to eat me out of house and home, and thus went down the road, and the
>T-3 still awaits adequate time to troubleshoot (sigh) some year. At least
>I did get ahold of a T-3 and did it while I had the right vehicle to haul
>it home, and some day the T-3 will light up the ether once again
>
>73
>Trevor
>KD1YT
> ----- Original Message -----
> From: Joe Foley
> To: t-368_bc-610@yahoogroups.com
> Sent: Monday, December 15, 2003 7:07 PM
> Subject: Re: [T-368_BC-610] WTB: T-368
>
>
> Yup,
>
> Time to fire up the ol' BAS&RRV!!
>
> Boat Anchor Search and Recovery/Rescue Vehicle. At
> least a 3/4 ton PU, covered, of course.
>
> Joe
>
>

>
>
> --- Ed Zeranski <ezeran@...> wrote:
> > > Then you can stop at Fair Radio on the way back
> > and
> > > get any parts that are missing or spares!
> > >
> > > ROAD TRIP!
> > >
> > > Or, if need be, we can come up with shipping
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> > >
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> >
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> > was the day after last Christmas from San Diego to
> > Pinetop AZ to drag home
> > an SRT-15/15 with spares.
> >
> > EdZ
> >
>
>
> _____
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> Free Pop-Up Blocker - Get it now
> http://companion.yahoo.com/
>
> Yahoo! Groups Sponsor
> ADVERTISEMENT
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>
>
>[Non-text portions of this message have been removed]
>

_____
Check your PC for viruses with the FREE McAfee online computer scan.
http://clinic.mcafee.com/clinic/ibuy/campaign.asp?cid=3963

# 1921. Re: [T-368_BC-610] WTB: T-368

Yahoo group: T-368_BC-610
Date: 2003-12-17 02:28:35 UTC
From: Joe Foley
Topic: 1115  Message: 1921

--- John Page <k4kwm@...> wrote:
> Hauled my B&W T-368C back from near Cleveland in my
> wifes Chevy Tahoe. Boy
> was that a job getting it all in the back of that.
> Even worse getting it all
> out. Even the Tahoe squatted down a bit. At least it
> was all interstate back
> to north of cincinnati. Even had it on the air by
> the next day. But then
> K8TV had it all fixed up with the proper mods and
> ready to go. Its been
> doing great ever since. Still turn on the 32V once
> in a while but really
> like the T3 on these cold winter nights. Rig is in
> the basment. John
++++
I thought Ohio's Interstates were "expansion joint
hell". Especially in a 3/4 four wheel drive Chevy PU.
The secondary roads were MUCH better, not too many
stops either. I'd go that route if I did it again,
easier on the ball joints, too.

Joe

_____
Do you Yahoo!?
New Yahoo! Photos - easier uploading and sharing.
http://photos.yahoo.com/

# 1922. Re: [T-368_BC-610] WTB: T-368

Yahoo group: T-368_BC-610
Date: 2003-12-17 05:00:08 UTC
From: Ed Zeranski
Topic: 1909  Message: 1922

My general purpose swapmeet crawler and radio hunter/hauler is a 1964 GMC 3/4 ton with the 305E V6...UUUUUUUUUgly! I got it for $300 then rebuilt the motor.

EdZ
----- Original Message -----
From: "Trevor Lewis" <kd1yt@...>
To: <t-368_bc-610@yahoogroups.com>; "Joe Foley" <redmenaced@...>
Sent: Tuesday, December 16, 2003 5:38 PM
Subject: Re: [T-368_BC-610] WTB: T-368

> Ah yes, my BAS&RRV at the time I acquired my T-3 was a 3/4 ton SuperDuty Ford-- which never had a better ride than when I was dragging the T-3 back from the Canadian border. Alas, as soon as it went off warranty, the Ford began to eat me out of house and home, and thus went down the road, and the T-3 still awaits adequate time to troubleshoot (sigh) some year. At least I did get ahold of a T-3 and did it while I had the right vehicle to haul it home, and some day the T-3 will light up the ether once again
>
> 73
> Trevor
> KD1YT

# 1923. Re: [T-368_BC-610] WTB: T-368

Yahoo group: T-368_BC-610
Date: 2003-12-17 15:03:55 UTC
From: r391
Topic: 1115  Message: 1923

I think I have all you guys beat...

T-3 here traveled 70 miles to my qth as a "kit" rig in TWO high mileage pickups...

One an old Mazda that never had more than 100 factory hp and no compression and the other an equally old Toyota with no compression, period... both equally useless for anything past a trip to the gas station...

As expected, both trucks performed about the same... slow and used a lot of oil...

The Toyota for some reason, went faster going down hills... we never did figure this one out... we didn't try either...

Myself, I was happy to get back alive let alone with the T-3...

Ott

# 1924. T-368 B.A.S.&/orS.O.

Yahoo group: T-368_BC-610
Date: 2003-12-17 16:58:03 UTC
From: kd1yt@pshift.com
Topic: 1924  Message: 1924

An image is beginning to form from these discussions of our modes of transport: B.A.S&/orS.O. "Boat Anchor 'Survivor' and/ or Special Olympics"-- individuals and/ or groups of large and/or decrepit and/or old hams venture forth in large and/or decrepit and/or old vehicles in search of large and/or decrepit and/or old radios to see who can make it home fastest (or at all) and put or keep the 'treasure' back in one piece... 8-) 73 Trevor KD1YT
----- Original Message ----- From: r391 Sent: 12/17/2003 10:03:55 AM To: t-368_bc-610@yahoogroups.com
Subject: Re: [T-368_BC-610] WTB: T-368
I think I have all you guys beat...

T-3 here traveled 70 miles to my qth as a "kit" rig in TWO high mileage pickups...

One an old Mazda that never had more than 100 factory hp and no compression and the other an equally old Toyota with no compression, period... both equally useless for anything past a trip to the gas station...

As expected, both trucks performed about the same... slow and used a lot of oil...

The Toyota for some reason, went faster going down hills... we never did figure this one out... we didn't try either...

Myself, I was happy to get back alive let alone with the T-3...

Ott

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[http://rd.yahoo.com/SIG=12cdljogp/M=259395.3614674.4902533.1261774/D=egroupweb/S=1705034690:HM/EXP=1071759886/A=1524963/R=0/*http://hits.411web.com/cgi-bin/autoredir?camp=556&lineid=3614674&prop=egroupweb&pos=HM]

---

Yahoo! Groups Links

? To visit your group on the web, go to:
[http://groups.yahoo.com/group/T-368_BC-610/] http://groups.yahoo.com/group/T-368_BC-610/

To unsubscribe from this group, send an email to:
[mailto:T-368_BC-610-unsubscribe@yahoogroups.com?subject=Unsubscribe] T-368_BC-610-unsubscribe@yahoogroups.com

Your use of Yahoo! Groups is subject to the [http://docs.yahoo.com/info/terms/]Yahoo! Terms of Service .

[Non-text portions of this message have been removed]

# 1925. Re: [T-368_BC-610] WTB: T-368

Yahoo group: T-368_BC-610
Date: 2003-12-17 18:09:42 UTC
From: tbigelow@pop.state.vt.us
Topic: 1909  Message: 1925

Trevor Lewis wrote:

>Ah yes, my BAS&RRV at the time I acquired my T-3 was a 3/4 ton SuperDuty Ford-- which never had a better ride than when I was dragging the T-3 back from the Canadian border. Alas, as soon as it went off warranty, the Ford began to eat me out of house and home, and thus went down the road, and the T-3 still awaits adequate time to troubleshoot (sigh) some year. At least I did get ahold of a T-3 and did it while I had the right vehicle to haul it home, and some day the T-3 will light up the ether once again
>

I still cringe when I think about the story behind your T-3, Trevor -
but that's because I know some of the gorey, painful details! It was the
vehicle the T-3 traveled in *before* the Ford that makes the story
so...scary!

*shudder*

de Todd/'Boomer' KA1KAQ

# 1926. Re: [T-368_BC-610] WTB: T-368

Yahoo group: T-368_BC-610
Date: 2003-12-17 21:20:32 UTC
From: tbigelow@pop.state.vt.us
Topic: 1115  Message: 1926

Joe Foley wrote:

>--- John Page <k4kwm@...> wrote:
>
>
>>Hauled my B&W T-368C back from near Cleveland in my
>>wifes Chevy Tahoe. Boy
>>was that a job getting it all in the back of that.
>>Even worse getting it all
>>out. Even the Tahoe squatted down a bit. At least it
>>was all interstate back
>>to north of cincinnati. Even had it on the air by
>>the next day. But then
>>K8TV had it all fixed up with the proper mods and
>>ready to go. Its been
>>doing great ever since. Still turn on the 32V once
>>in a while but really
>>like the T3 on these cold winter nights. Rig is in
>>the basment. John
>>
>>
>++++
>I thought Ohio's Interstates were "expansion joint
>hell". Especially in a 3/4 four wheel drive Chevy PU.
> The secondary roads were MUCH better, not too many
>stops either. I'd go that route if I did it again,
>easier on the ball joints, too.
>
>Joe
>
Nah, they've fixed them up since your trip, Joe. I hauled a 1400 lb
broadcast transmitter across the top of the state back in July using a
Ford Ranger and a U-Haul trailer, wasn't bad at all. Iowa/Nebraska
though...different story. Illinois was a mess, too.

~ Boomer KA1KAQ

# 1927. Re: [T-368_BC-610] WTB: T-368

Yahoo group: T-368_BC-610
Date: 2003-12-17 21:50:24 UTC
From: tbigelow@pop.state.vt.us
Topic: 1115  Message: 1927

r391 wrote:

>I think I have all you guys beat...
>

Oh, I dunno 'bout that! Now, I can't tell it as 'my' story because it was someone else's rig (W1RC), but we started in the middle of the state with his car and my Ford Ranger, drove to the western edge to pick up his new T-368 (really did look like new, too), then drove completely back across the state to his place over on the eastern edge. Lotsa miles, but the ol '92 Ranger didn't even break a sweat, even though it was bumping 200K at the time. Did squat a bit, but nowhere near what we expected. Three of us loaded it, in pieces. Mr Mike and I unloaded it, in pieces. And nobody got in our way on the road. Probably because Mike's car is a retired State Police Crown Vic, complete with spotlight and scary paint job. He might've scowled at them, for all I know.

If nothing else, it was a helluva way to blow off an afternoon of work on a sunny summer day.

Yes, I'm still looking. And no, the RF deck above my garage has not yet sprouted a cabinet, mod deck or power supply deck. Just dust. But I live in eternal hope.

de Todd/'Boomer' KA1KAQ

# 1928. Merry Christmas & Happy Holidays

Yahoo group: T-368_BC-610
Date: 2003-12-18 01:36:24 UTC
From: Richard M. MC Clung
Topic: 1928  Message: 1928

I wish you and yours the very best Christmas and Happiest New Year.

I hope this special time of year brings peace and good will to every one.

Please click on the following site for your very special card.

<http://holidays.blastcomm.com/>

RICH WA6KNW

# 1929. WTB: Clean T-368 and/or parts

Yahoo group: T-368_BC-610
Date: 2003-12-18 01:46:12 UTC
From: bruce@atlanticmotorcar.com
Topic: 1929  Message: 1929

Hello all,

Looking to add anothe T-368 to the new Maine QTH.
Unit condition should be clean, but will consider all.
Can arrange pick up if outside the New England area.

Email replies to bruce@... or w1ujr@...

Tnx and 73
Bruce W1UJR

# 1930. Re: [T-368_BC-610] WTB: T-368

Yahoo group: T-368_BC-610
Date: 2003-12-19 02:45:23 UTC
From: Trevor Lewis
Topic: 1909  Message: 1930

Todd knows the gory details and I won't bother the list with them; suffice it to say that based on my experience it is _my opinion_ that one should use _extreme_ caution if you're ever buying a radio from Luc Dugas VE2LGJ, the fellow I bought my T-3 from. Condition was not what had been described, and promises to "make good" have never been fulfilled.

----- Original Message -----
From: "Todd Bigelow - PS" <tbigelow@...>

> Trevor Lewis wrote:
>
> >Ah yes, my BAS&RRV at the time I acquired my T-3 was a 3/4 ton SuperDuty Ford-- which never had a better ride than when I was dragging the T-3 back from the Canadian border.
> . . . .
> I still cringe when I think about the story behind your T-3, Trevor -
> but that's because I know some of the gorey, painful details! It was the
> vehicle the T-3 traveled in *before* the Ford that makes the story
> so...scary!
>
> *shudder*
>
> de Todd/'Boomer' KA1KAQ
>

# 1931. RE: [T-368_BC-610] WTB: T-368

Yahoo group: T-368_BC-610
Date: 2003-12-19 03:56:42 UTC
From: Mike Feher
Topic: 1909  Message: 1931

I have been chastised on many groups, by their do gooders, for many years for providing warnings to people that were likely to deal with Luc. Regardless, be warned, he is a habitual liar. Anyone dealing with him should use extreme caution. The "T-368 group" police, if there are any, need not reply. Happy Holidays - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-901-9193

-----Original Message-----
From: Trevor Lewis [mailto:kd1yt@...]
Sent: Thursday, December 18, 2003 9:45 PM
To: Todd Bigelow - PS
Cc: t-368_bc-610@yahoogroups.com; Joe Foley
Subject: Re: [T-368_BC-610] WTB: T-368

Todd knows the gory details and I won't bother the list with them; suffice it to say that based on my experience it is _my opinion_ that one should use _extreme_ caution if you're ever buying a radio from Luc Dugas VE2LGJ, the fellow I bought my T-3 from. Condition was not what had been described, and promises to "make good" have never been fulfilled.

----- Original Message -----
From: "Todd Bigelow - PS" <tbigelow@...>

> Trevor Lewis wrote:
>
> >Ah yes, my BAS&RRV at the time I acquired my T-3 was a 3/4 ton SuperDuty Ford-- which never had a better ride than when I was dragging the T-3 back from the Canadian border.
> . . . .
> I still cringe when I think about the story behind your T-3, Trevor -
> but that's because I know some of the gorey, painful details! It was the
> vehicle the T-3 traveled in *before* the Ford that makes the story
> so...scary!
>
> *shudder*
>
> de Todd/'Boomer' KA1KAQ
>

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web/S=1705034690:HM/EXP=1071888177/A=1852967/R=0/*http:/launch.yahoo.com/lau
nchcast/>

<http://us.adserver.yahoo.com/l?M=271576.4302902.5511512.1793556/D=egroupmai
l/S=:HM/A=1852967/rand=863924773>

---

Yahoo! Groups Links

* To visit your group on the web, go to:
http://groups.yahoo.com/group/T-368_BC-610/

* To unsubscribe from this group, send an email to:
T-368_BC-610-unsubscribe@yahoogroups.com
<mailto:T-368_BC-610-unsubscribe@yahoogroups.com?subject=Unsubscribe>

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<http://docs.yahoo.com/info/terms/> Service.

[Non-text portions of this message have been removed]

# 1932. Re: [T-368_BC-610] WTB: T-368

Yahoo group: T-368_BC-610
Date: 2003-12-19 16:20:41 UTC
From: tbigelow@pop.state.vt.us
Topic: 1909  Message: 1932

Mike Feher wrote:

>I have been chastised on many groups, by their do gooders, for many years
>for providing warnings to people that were likely to deal with Luc.
>Regardless, be warned, he is a habitual liar. Anyone dealing with him should
>use extreme caution. The "T-368 group" police, if there are any, need not
>reply. Happy Holidays - Mike
>

No complaints from me, Mike - and I think most of the T-3 group will appreciate a warning from others provided it isn't just a flame war or some kind of retribution. I have dealt with Luc only once when purchasing my CR-91A from him and he tried to get out of including the cabinet and manual with it that he had advertised. It took a bit of strong-arming to get him to finally send the manual, but he did. Luc appears to be a creature of opportunity, to put it mildly.

I have a copy of a letter to the CAWA (Canadian Antique Wireless Association) from a fellow in California who got hosed by Luc on something Luc offered for sale in ARC, warning others to beware of this individual. So I think it's safe to say Mike that you, Trevor, and anyone else warning others about Luc is right on the mark. He has a lot of stuff, some of it very nice and very rare stuff. Unfortunately I think there are some distinct parallels between his operation and the one in NE Texas.

Oh, the stories I could tell..... (o:

de Todd/'Boomer' KA1KAQ

# 1933. Re: [T-368_BC-610] WTB: T-368

Yahoo group: T-368_BC-610
Date: 2003-12-19 23:42:31 UTC
From: Joe Foley
Topic: 1909  Message: 1933

This is fine by me and I'm the one who counts!

Joe KG2CI

--- tbigelow@... wrote:
> Mike Feher wrote:
>
> >I have been chastised on many groups, by their do
> gooders, for many years
> >for providing warnings to people that were likely
> to deal with Luc.
> >Regardless, be warned, he is a habitual liar.
> Anyone dealing with him should
> >use extreme caution. The "T-368 group" police, if
> there are any, need not
> >reply. Happy Holidays - Mike
> >
>
> No complaints from me, Mike - and I think most of
> the T-3 group will
> appreciate a warning from others provided it isn't
> just a flame war or
> some kind of retribution. I have dealt with Luc only
> once when
> purchasing my CR-91A from him and he tried to get
> out of including the
> cabinet and manual with it that he had advertised.
> It took a bit of
> strong-arming to get him to finally send the manual,
> but he did. Luc
> appears to be a creature of opportunity, to put it
> mildly.
>
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> Association) from a fellow in California who got
> hosed by Luc on
> something Luc offered for sale in ARC, warning
> others to beware of this
> individual. So I think it's safe to say Mike that
> you, Trevor, and
> anyone else warning others about Luc is right on the
> mark. He has a lot
> of stuff, some of it very nice and very rare stuff.
> Unfortunately I

> think there are some distinct parallels between his
> operation and the
> one in NE Texas.
>
> Oh, the stories I could tell..... (o:
>
> de Todd/'Boomer' KA1KAQ
>
>

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New Yahoo! Photos - easier uploading and sharing.
http://photos.yahoo.com/

# 1934. RE: [T-368_BC-610] WTB: T-368

Yahoo group: T-368_BC-610
Date: 2003-12-20 00:05:45 UTC
From: Mike Feher
Topic: 1909  Message: 1934

Keep on "counting" Joe, HI. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-901-9193

-----Original Message-----
From: Joe Foley [mailto:redmenaced@...]
Sent: Friday, December 19, 2003 6:43 PM
To: t-368_bc-610@yahoogroups.com
Subject: Re: [T-368_BC-610] WTB: T-368

This is fine by me and I'm the one who counts!

Joe KG2CI

--- tbigelow@... wrote:
> Mike Feher wrote:
>
> >I have been chastised on many groups, by their do
> gooders, for many years
> >for providing warnings to people that were likely
> to deal with Luc.
> >Regardless, be warned, he is a habitual liar.
> Anyone dealing with him should
> >use extreme caution. The "T-368 group" police, if
> there are any, need not
> >reply. Happy Holidays - Mike
> >
>
> No complaints from me, Mike - and I think most of
> the T-3 group will
> appreciate a warning from others provided it isn't
> just a flame war or
> some kind of retribution. I have dealt with Luc only
> once when
> purchasing my CR-91A from him and he tried to get
> out of including the
> cabinet and manual with it that he had advertised.
> It took a bit of
> strong-arming to get him to finally send the manual,
> but he did. Luc
> appears to be a creature of opportunity, to put it

> mildly.
>
> I have a copy of a letter to the CAWA (Canadian
> Antique Wireless
> Association) from a fellow in California who got
> hosed by Luc on
> something Luc offered for sale in ARC, warning
> others to beware of this
> individual. So I think it's safe to say Mike that
> you, Trevor, and
> anyone else warning others about Luc is right on the
> mark. He has a lot
> of stuff, some of it very nice and very rare stuff.
> Unfortunately I
> think there are some distinct parallels between his
> operation and the
> one in NE Texas.
>
> Oh, the stories I could tell..... (o:
>
> de Todd/'Boomer' KA1KAQ
>
>

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Yahoo! Groups Links

* To visit your group on the web, go to:
http://groups.yahoo.com/group/T-368_BC-610/

* To unsubscribe from this group, send an email to:
T-368_BC-610-unsubscribe@yahoogroups.com
<mailto:T-368_BC-610-unsubscribe@yahoogroups.com?subject=Unsubscribe>

* Your use of Yahoo! Groups is subject to the Yahoo! Terms of
<http://docs.yahoo.com/info/terms/> Service.

[Non-text portions of this message have been removed]

# 1935. [T-368_BC-610] Thanks!

Yahoo group: T-368_BC-610
Date: 2003-12-23 13:47:08 UTC
From: K3PID
Topic: 1935  Message: 1935

What a great group! I just want to express my appreciation for the help that I received from the members of this group and the hope that I can return the favor as others need help. Thanks and enjoy a happy holiday!

Ron H. - K3PID

# 1936. BC-610 Registry

Yahoo group: T-368_BC-610
Date: 2003-12-31 20:55:01 UTC
From: Mikhael Brown
Topic: 688  Message: 1936

I put the BC-610 registry on the website to make it easier to access. I only display the BC-610 info only and no email addresses.
Let me know if you would like the other information added.

http://syzen.com/milradio/BC610_Registry.aspx

You can also access it from the West Coast MRCG related links page.

http://syzen.com/milradio/RelatedSites.html

Have a Happy New Year 2004 and 73's

Mike

N6WIG

http://syzen.com/milradio/

# 1937. PTT for a BC-610I

Yahoo group: T-368_BC-610
Date: 2004-01-01 21:40:18 UTC
From: w8khz
Topic: 1937  Message: 1937

Hello,

I've been working on my BC-610I and BC-614I that I bought this past summer and I understand there is information out there regarding how to add Push to Talk to this combo. Can anyone fill me in with the details?

Thanks!

Brian - W8KHZ

# 1938. Sidetone question

Yahoo group: T-368_BC-610
Date: 2004-01-03 21:21:07 UTC
From: K3PID
Topic: 1938  Message: 1938

The sidetone output of the T-368 is taken through a cap from the wiper of the 500 Ohm cathode resistor of the cathode follower. Is it normally connected across the "output" side of the 600 Ohm audio output of the R-390? If so then the level of the sidetone is controlled by the cathode resistor independ from the R-390?

K3PID - Ron H.

# 1939. WTB: Speech Amp for T-3

Yahoo group: T-368_BC-610
Date: 2004-01-09 11:08:00 UTC
From: Bruce
Topic: 1939  Message: 1939

Hello all,

Looking for a speech amp for my T-368.
This unit does not have the orignal speech amp but a modified version
that requires too much audio to drive.

So, if you have a spare speech amp, working or not, please let me
know so I can get this beast back on the air!

73 Bruce W1UJR

# 1940. Re: [T-368_BC-610] WTB: Speech Amp for T-3

Yahoo group: T-368_BC-610
Date: 2004-01-09 18:59:15 UTC
From: Joe Foley
Topic: 1939  Message: 1940

Sounds like a good candidate for a scratch-built
speech amp.

Joe

--- Bruce <bruce@...> wrote:
> Hello all,
>
> Looking for a speech amp for my T-368.
> This unit does not have the orignal speech amp but a
> modified version
> that requires too much audio to drive.
>
> So, if you have a spare speech amp, working or not,
> please let me
> know so I can get this beast back on the air!
>
> 73 Bruce W1UJR
>
>

_____
Do you Yahoo!?
Yahoo! Hotjobs: Enter the "Signing Bonus" Sweepstakes
http://hotjobs.sweepstakes.yahoo.com/signingbonus

# 1941. FS: Tubes 807, RK-38, blue 227

Yahoo group: T-368_BC-610
Date: 2004-01-15 14:54:30 UTC
From: Roy Morgan
Topic: 1939  Message: 1941

Reposted here from the Boatanchors list: RK-38 aka 100TH tubes for sale/trade
(Please contact him merz.ds@... not me.)

>Subject: FS: Tubes 807, RK-38, blue 227
>Date: Mon, 12 Jan 2004 13:14:40 -0500
>From: "Merz Donald S" <merz.ds@...>
>To: Old Tube Radios <boatanchors@...>
>
>FOR SALE and headed to eBay unless you want them.
>
>Two used Raytheon RK-38s. Good filaments. Otherwise untested and as-is.
>These are equivalent to the Eimac 100th. This was the tube that
>Hallicrafters originally specified as modulators for the HT-4 (BC-610)
>transmitter. $75/both. OR trade for one NOS RK-65 tube.
>
>807's or military VT-100A. Used, tested and guaranteed good. 16 to sell,
>sold in groups of
>4 for $30 including US Parcel Post mailing. Also have 1 untested 5933 tube.
>
>227 tubes-Arcturus Blue: Used, guaranteed good. Globe shaped. In beat-up
>Arcturus boxes.
>$9 each. 2 available. $21 for both including postage.
>
>Thanks for looking.
>73, Don Merz, N3RHT
>From: ail0@...

- Roy Morgan, K1LKY since 1959 - Keep 'em Glowing!
7130 Panorama Drive, Derwood MD 20855
Home: 301-330-8828 Work: Voice: 301-975-3254, Fax: 301-948-6213
roy.morgan@... --

# 1942. Blower fan on T-368

Yahoo group: T-368_BC-610
Date: 2004-01-21 01:57:31 UTC
From: kf0hr
Topic: 1942  Message: 1942

Hi all T-3 users. My blower fan in my T-3 is just to loud.
I pulled the fan out and relubed the motor bearing and that made
no improvement at all. I don't think the bearings are whats loud.
What have others done? Remote the fan, out side different room?

Maybe I can just unplug it.HI HI

I don't like to use headphones, but what do others do?

Thanks,

Teran KFØHR in North Dakota

# 1943. Re: [T-368_BC-610] Blower fan on T-368

Yahoo group: T-368_BC-610
Date: 2004-01-21 02:57:51 UTC
From: Trevor Lewis
Topic: 1942  Message: 1943

The fans are infamous for being noisy. The bearings can seem perfectly smooth and yet be quite noisy. Often the bearings are simply worn to the point where they must be replaced and not just re-lubed, and the bearing noise seems to resonate loudly in the cabinet. Some people have also done more major "drilling and blasting" to the T-3's cabinet (enlarging the exhaust opening) in order to make for easier airflow, and thus less backpressure and noise (see/ search earlier messages here in the group), but others consider that as bordering on or being defacement of these historic units. I think you'll find that replacing the bearings will make a dramatic improvement. Also, as you probably know, there are two fans, one in the main cabinet and one on the RF deck-- check and consider replacing bearings in both.

Mine definitely needs bearings before the noise level will be tolerable, but then again, it also needs other work before it will be fully "air worthy"

73
Trevor
KD1YT
----- Original Message -----
From: kf0hr
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, January 20, 2004 8:57 PM
Subject: [T-368_BC-610] Blower fan on T-368

Hi all T-3 users. My blower fan in my T-3 is just to loud.
I pulled the fan out and relubed the motor bearing and that made
no improvement at all. I don't think the bearings are whats loud.
What have others done? Remote the fan, out side different room?

Maybe I can just unplug it.HI HI

I don't like to use headphones, but what do others do?

Thanks,

Teran KFØHR in North Dakota

---
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[Non-text portions of this message have been removed]

# 1944. RE: [SPAM] Re: [T-368_BC-610] Blower fan on T-368

Yahoo group: T-368_BC-610
Date: 2004-01-21 03:18:14 UTC
From: Bruce J. Howes
Topic: 1942  Message: 1944

One word...rheostat.

73 Bruce W1UJR

---

From: Trevor Lewis [mailto:kd1yt@...]
Sent: Tuesday, January 20, 2004 9:58 PM
To: T-368_BC-610@yahoogroups.com; kf0hr
Subject: [SPAM] Re: [T-368_BC-610] Blower fan on T-368

The fans are infamous for being noisy. The bearings can seem perfectly smooth and yet be quite noisy. Often the bearings are simply worn to the point where they must be replaced and not just re-lubed, and the bearing noise seems to resonate loudly in the cabinet. Some people have also done more major "drilling and blasting" to the T-3's cabinet (enlarging the exhaust opening) in order to make for easier airflow, and thus less backpressure and noise (see/ search earlier messages here in the group), but others consider that as bordering on or being defacement of these historic units. I think you'll find that replacing the bearings will make a dramatic improvement. Also, as you probably know, there are two fans, one in the main cabinet and one on the RF deck-- check and consider replacing bearings in both.

Mine definitely needs bearings before the noise level will be tolerable, but then again, it also needs other work before it will be fully "air worthy"

73
Trevor
KD1YT
----- Original Message -----
From: kf0hr
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, January 20, 2004 8:57 PM
Subject: [T-368_BC-610] Blower fan on T-368

Hi all T-3 users. My blower fan in my T-3 is just to loud.
I pulled the fan out and relubed the motor bearing and that made
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I don't like to use headphones, but what do others do?

Thanks,

Teran KFØHR in North Dakota

---
--
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[Non-text portions of this message have been removed]

# 1945. Re: [T-368_BC-610] Blower fan on T-368

Yahoo group: T-368_BC-610
Date: 2004-01-21 04:00:28 UTC
From: Joe Foley
Topic: 1942  Message: 1945

Hi Teran,

I punched out the inlet hole in mine with a 4" electrical conduit punch, that reduced the pressure there and allows more air into the blower. I also made a "turning vane" for that hole that forces the air to enter the blower parallel with the shaft, instead of just hitting one side of the squirrel cage, that was a big reduction in noise! My T-3 also has the ductwork that moves the inlet to the left-hand end of the transmitter which quiets it down a lot, too.

The bearings are not hard to change just pay attention to where all of the thrust washers are when you take it apart. The bearings are a standard size and should be available at any dealer that sells bearings.

You may need a gear puller to get the old bearings off, I didn't. You also may need a press to replace them, I used a deep-well socket that fit the inner race and a vice.

You could also try mounting the blower with rubber washers.

Some don't even use the blower but I think it helps keep the shack warm.

Joe KG2CI

--- kf0hr <twhermanson@...> wrote:
> Hi all T-3 users. My blower fan in my T-3 is just to
> loud.
> I pulled the fan out and relubed the motor bearing
> and that made
> no improvement at all. I don't think the bearings
> are whats loud.
> What have others done? Remote the fan, out side
> different room?
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> Maybe I can just unplug it.HI HI
>
> I don't like to use headphones, but what do others
> do?
>
> Thanks,
>

> Teran KF?HR in North Dakota
>
>

_____
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http://hotjobs.sweepstakes.yahoo.com/signingbonus

# 1946. Re: [T-368_BC-610] Blower fan on T-368

Yahoo group: T-368_BC-610
Date: 2004-01-21 13:54:14 UTC
From: Doug Wherry
Topic: 1942  Message: 1946

I made new brackets and installed 2 muffin fans piggyback.You can't tell its
been changed except for its quite.Doug K8OF
----- Original Message -----
From: Joe Foley <redmenaced@...>
To: <t-368_bc-610@yahoogroups.com>
Sent: Tuesday, January 20, 2004 8:00 PM
Subject: Re: [T-368_BC-610] Blower fan on T-368

> Hi Teran,
>
> I punched out the inlet hole in mine with a 4"
> electrical conduit punch, that reduced the pressure
> there and allows more air into the blower. I also
> made a "turning vane" for that hole that forces the
> air to enter the blower parallel with the shaft,
> instead of just hitting one side of the squirrel cage,
> that was a big reduction in noise! My T-3 also has
> the ductwork that moves the inlet to the left-hand end
> of the transmitter which quiets it down a lot, too.
>
> The bearings are not hard to change just pay attention
> to where all of the thrust washers are when you take
> it apart. The bearings are a standard size and should
> be available at any dealer that sells bearings.
>
> You may need a gear puller to get the old bearings
> off, I didn't. You also may need a press to replace
> them, I used a deep-well socket that fit the inner
> race and a vice.
>
> You could also try mounting the blower with rubber
> washers.
>
> Some don't even use the blower but I think it helps
> keep the shack warm.
>
> Joe KG2CI
>
>
>
> --- kf0hr <twhermanson@...> wrote:
> > Hi all T-3 users. My blower fan in my T-3 is just to
> > loud.
> > I pulled the fan out and relubed the motor bearing
> > and that made

> > no improvement at all. I don't think the bearings
> > are whats loud.
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> >
> > I don't like to use headphones, but what do others
> > do?
> >
> > Thanks,
> >
> > Teran KF?HR in North Dakota
> >
> >
>
>
> _____
> Do you Yahoo!?
> Yahoo! Hotjobs: Enter the "Signing Bonus" Sweepstakes
> http://hotjobs.sweepstakes.yahoo.com/signingbonus
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>
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>
> Yahoo! Groups Links
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> To visit your group on the web, go to:
> http://groups.yahoo.com/group/T-368_BC-610/
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# 1947. Hi

Yahoo group: T-368_BC-610
Date: 2004-01-21 13:53:04 UTC
From: kd1yt@pshift.com
Topic: 1947  Message: 1947

Test =)
mdrlclxwjhxynq
--
Test, yep.

[Non-text portions of this message have been removed]

# 1948. who is impersonating my e-mail address?

Yahoo group: T-368_BC-610
Date: 2004-01-21 14:14:03 UTC
From: kd1yt@pshift.com
Topic: 1948  Message: 1948

OK-- something is going on here that concerns me. I did not send the message below, and was not even on the computer at the time indicated on the message, but someone sent a message that _appears_ to identify me as the sender. Can anyone here on the group shed light on this before I need to take further action with my ISP, etc?
73 Trevor KD1YT
----- Original Message ----- From: kd1yt@... Sent: 1/21/2004 8:53:04 AM To: T-368_BC-610@yahoogroups.com Subject: [T-368_BC-610] Hi
Test =)

mdrlclxwjhxynq

--

Test, yep.

[Non-text portions of this message have been removed]

---

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[Non-text portions of this message have been removed]

# 1949. Re: [T-368_BC-610] Blower fan on T-368

Yahoo group: T-368_BC-610
Date: 2004-01-21 14:27:43 UTC
From: James M. Walker
Topic: 1942  Message: 1949

Hello Teran,
If the unit has suffered at the hands of the inexperienced, then the "Air System" integrity
has probably suffered, which explains the excessive noise you are getting with your unit.

First, let me say the ambient noise level of a properly maintained T-368, as used in the
Military AN/GRC-26D radio set, was not noticeable in those units while they were in
service. The Blower system, if properly maintained, was at an acceptable level in the
"Mobile Shelter" to allow the operators to monitor either of a pair of R-390(*) receivers
without any trouble.

I fear however that with the popularity of these units, and the general lack of proper
care given to the "system", the noise will always be a problem. In order to quiet the
T-368 down it is necessary to follow the Steps laid out in the "Depot" maintenance
manual. Anything short of that is a waste of time. Bear in mind it is an "air system", and
the intended purpose is to cool the components of the equipment, and allow a 24/7
operational environment for it. When in doubt, MILTFDJ-1!

Jim
WB2FCN
http://eshop1.chem.buffalo.edu

----- Original Message -----
From: "kf0hr" <twhermanson@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Tuesday, January 20, 2004 8:57 PM
Subject: [T-368_BC-610] Blower fan on T-368

Hi all T-3 users. My blower fan in my T-3 is just to loud.
I pulled the fan out and relubed the motor bearing and that made
no improvement at all. I don't think the bearings are whats loud.
What have others done? Remote the fan, out side different room?

Maybe I can just unplug it.HI HI

I don't like to use headphones, but what do others do?

Thanks,

Teran KF?HR in North Dakota

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# 1950. Re: [T-368_BC-610] who is impersonating my e-mail address?

Yahoo group: T-368_BC-610
Date: 2004-01-21 14:38:31 UTC
From: Jerry Kincade
Topic: 1948  Message: 1950

Trevor, someone whose email contact list contains your email address has a mail-based worm that sends out stuff like that, using that person's contact list to grab addresses to use for spoofing. I've had this happen several times, and even got blocked by a couple of ISP's once because my stolen email address was being used to propagate a virus. As far as I know, there's not much you can do about it except stay clean with Norton, and grin and bear it. If EVERYBODY on this list would run a good antivirus program that scrubs emails in and OUT 24/7 this problem would go away, but there's always that chosen few, and therein lies the problem.
73, Jerry W5KP

----- Original Message -----
From: <kd1yt@...>
To: <T-368_BC-610@yahoogroups.com>; <kd1yt@...>
Sent: Wednesday, January 21, 2004 8:14 AM
Subject: [T-368_BC-610] who is impersonating my e-mail address?

OK-- something is going on here that concerns me. I did not send the message below,
and was not even on the computer at the time indicated on the message, but someone
sent a message that _appears_ to identify me as the sender. Can anyone here on
the group shed light on this before I need to take further action with my ISP, etc?
73 Trevor KD1YT

# 1951. T-368 Blower noise:

Yahoo group: T-368_BC-610
Date: 2004-01-21 15:15:55 UTC
From: yardleyite@aol.com
Topic: 1951  Message: 1951

Could anyone advise me on the correct way to relubricate a noisy blower in a T-368?

The one I currently own isn't bad, but hasn't been maintained, and would like to give it a bit of PM.

Any advice will be appreciated.
Regards de Joe Cro N3IBX

Joseph Cro N3IBX

Collins, Heathkit, Hallicrafters
Drake, National, and General
Boatanchor language spoken
here: N3IBX Basement of Boatanchors

N3IBX Boatanchor Website

[Non-text portions of this message have been removed]

# 1952. Re: [T-368_BC-610] T-368 Blower noise:

Yahoo group: T-368_BC-610
Date: 2004-01-21 17:56:22 UTC
From: Joe Foley
Topic: 1951  Message: 1952

Hi Joe,

The bearings in the blowers are of the sealed type,
unless you are good at prying off the covers on them
you won't be able to lubricate them, actually, prying
off the covers isn't that hard, getting them back on
is NUTS!

Best to just replace the bearings with new ones.

Joe

--- yardleyite@... wrote:
> Could anyone advise me on the correct way to
> relubricate a noisy blower in a
> T-368?
>
> The one I currently own isn't bad, but hasn't been
> maintained, and would like
> to give it a bit of PM.
>
> Any advice will be appreciated.
> Regards
> de Joe Cro N3IBX
>
> Joseph Cro N3IBX
>
> Collins, Heathkit, Hallicrafters
> Drake, National, and General
> Boatanchor language spoken
> here: N3IBX Basement of Boatanchors
>
>
> N3IBX Boatanchor Website
>
>
>
> [Non-text portions of this message have been
> removed]
>
>

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http://hotjobs.sweepstakes.yahoo.com/signingbonus

# 1953. Re: [T-368_BC-610] T-368 Blower noise:

Yahoo group: T-368_BC-610
Date: 2004-01-21 18:32:46 UTC
From: wa5cab@cs.com
Topic: 1951  Message: 1953

Joe,

Joe is right. the ABEC rated miniature precision bearings used in most such applications are either shielded, sealed or both, and were supplied with adequate lubrication for the normal expected life of the bearings. They weren't intended to be opened up and re-lubed. If it were a case where the item containing the bearings was NOS or nearly so and had been in storage for half a century or more, exceptions could be made, as the original filling might all still be there but have had the volatiles "go elsewhere" so that the grease is hard but the bearing itself is hardly used. But even so, although it isn't too difficult to remove the seal or shield from one side, it is a bear to reinstall it properly. The cost of new bearings generally doesn't warrent the effort in my experience/opinion.

There are some exceptions. The BD-77 and PE-73 for the BC-191 and BC-375 respectively have bearings that need to be lubricated periodically. And anything with sleeve bearings does as well. But most of the military applications in dynamotors, inverters and at least the larger blowers don't.

In a message dated 1/21/2004 12:08:58 PM Central Standard Time,
redmenaced@... writes:
> The bearings in the blowers are of the sealed type,
> unless you are good at prying off the covers on them
> you won't be able to lubricate them, actually, prying
> off the covers isn't that hard, getting them back on
> is NUTS!

73
Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 1954. Re: [T-368_BC-610] Blower fan on T-368

Yahoo group: T-368_BC-610
Date: 2004-01-22 01:42:06 UTC
From: Doug Wherry
Topic: 1942  Message: 1954

My T3 was brand NEW and it was noisey and yes I could listen to my R390A with a speaker.It was still noisey.So I put new piggyback muffin fans in place of the stock fan.I left the RF fan stay.With the brackets I made there was no changes to the iron and you can't see the fans from stock it was real easy to do..DOUG K8OF
----- Original Message -----
From: James M. Walker <chejmw@...>
To: <T-368_BC-610@yahoogroups.com>; kf0hr <twhermanson@...>
Sent: Wednesday, January 21, 2004 6:27 AM
Subject: Re: [T-368_BC-610] Blower fan on T-368

> Hello Teran,
> If the unit has suffered at the hands of the inexperienced, then the "Air
> System" integrity
> has probably suffered, which explains the excessive noise you are getting
> with your unit.
>
> First, let me say the ambient noise level of a properly maintained T-368,
as
> used in the
> Military AN/GRC-26D radio set, was not noticeable in those units while
they
> were in
> service. The Blower system, if properly maintained, was at an acceptable
> level in the
> "Mobile Shelter" to allow the operators to monitor either of a pair of
> R-390(*) receivers
> without any trouble.
>
> I fear however that with the popularity of these units, and the general
lack
> of proper
> care given to the "system", the noise will always be a problem. In order
to
> quiet the
> T-368 down it is necessary to follow the Steps laid out in the "Depot"
> maintenance
> manual. Anything short of that is a waste of time. Bear in mind it is an
> "air system", and
> the intended purpose is to cool the components of the equipment, and allow
a
> 24/7
> operational environment for it. When in doubt, MILTFDJ-1!
>
> Jim

> WB2FCN
> http://eshop1.chem.buffalo.edu
>
>
> ----- Original Message -----
> From: "kf0hr" <twhermanson@...>
> To: <T-368_BC-610@yahoogroups.com>
> Sent: Tuesday, January 20, 2004 8:57 PM
> Subject: [T-368_BC-610] Blower fan on T-368
>
>
> Hi all T-3 users. My blower fan in my T-3 is just to loud.
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>
> Thanks,
>
> Teran KF?HR in North Dakota
>
>
>
>
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>
>
>

# 1955. BC-610 coils

Yahoo group: T-368_BC-610
Date: 2004-01-23 19:25:42 UTC
From: Jerry Kidd
Topic: 1955  Message: 1955

I know this is a long shot, but here it is. I need the coil assembly
and coils for 160-40m. anybody just happen to have any spares?

# 1956. BC-610 OPERATION ON 160 METERS QUESTION

Yahoo group: T-368_BC-610
Date: 2004-01-24 15:40:35 UTC
From: Bill Feldmann
Topic: 1956  Message: 1956

Hi All,

I have a BC-610F that has been working very well on 160 through 40 meters. However I noticed the output power was down on 20 meters. Upon inspection of the final network I found a 1000pf door knob cap had been added between the junction of CH4, R9 and the center tap plug for L7, the final coil, by a previous owner. This added cap would ground the final coil center tap for RF. I removed the cap and the BC-610F worked fine on 20 meters.

The question is why the cap was added. Without the cap it works just fine on 20 through 75 meters. However after reading the section in the manual on operation below 2mc I am scared to try it without the cap on 160. In the manual they say it's necessary to remove or disconnect one end of R9 when operating below 2mc or the choke CH4 and/or the resistor R9 could be damaged. I wonder if the added cap that would bypass RF at the coil center tap was another way of protecting these components when below 2mc? If anyone has any experience with this I would like to know.

Also I wonder if any of you that operate 160 meters with a BC-610 have found it necessary to disconnect R9 as recommended in the manual, TO 31R2-3SCR399-21. Maybe it's only necessary to disconnect the resistor when going much below 2mc and it isn't a problem with R9 connected down to 1885kc which is as low as I go for AM phone.

With the cap installed I have had lots of AM QSO's on 1885 and 1925kc with not problems but it messes up the operation on 20 meters. I use the 1.5 to 2mc coil when on 160 meters but a modified exciter module for 2mc by adding caps to the doubler and internal amp circuits.

Thanks,

Bill N6PY

# 1957. Re: [T-368_BC-610] BC-610 OPERATION ON 160 METERS QUESTION

Yahoo group: T-368_BC-610
Date: 2004-01-25 00:08:35 UTC
From: Trevor Lewis
Topic: 1956  Message: 1957

Hi Bill-- As a T-368 owner (and one who still needs to find the time to give my T-3 the TLC it needs to get fully debugged and on the air) I am not the least bit familiar with the details of the BC-610. But I know from other old rigs that I've worked on that, while there are some mods that are just botches and butcher jobs, there are others where there was a method to the former owner's madness, and "restoring" the rig to exact stock sometimes uncovers other faults in the rig that the "odd mod" was intended to (and did) avoid (and sometimes, if the "mod-der" had some good sense, without major ill side effects). I could bore you all with stories about things I discovered along those lines in the ART-13 I used to own. With that in mind, and since it sounds like your rig works well on 160 with this odd doorknob cap, and works well on 20 without it, is there any chance you could sneak a vacuum relay in there, and hide an actuation switch somewhere else, all without doing any major "drilling and blasting" so that you could switch the cap in and out? I have gotten small vacuum relays from http://www.mgs4u.com/ -- that have are handy for switching RF or KV type tasks-- see his rf components and "presidents page."

Having just blabbed all of that, one of you who has more of an actual clue about the BC-610 than I do will probably be able to point out some simple solution that I, not knowing the details of the 610, am oblivious to.... <8-]

73
Trevor
KD1YT
----- Original Message -----
From: Bill Feldmann
To: T-368_BC-610 Reflector Postings
Sent: Saturday, January 24, 2004 10:40 AM
Subject: [T-368_BC-610] BC-610 OPERATION ON 160 METERS QUESTION

Hi All,

I have a BC-610F that has been working very well on 160 through 40 meters. However I noticed the output power was down on 20 meters. Upon inspection of the final network I found a 1000pf door knob cap had been added between the junction of CH4, R9 and the center tap plug for L7, the final coil, by a previous owner. This added cap would ground the final coil center tap for RF. I removed the cap and the BC-610F worked fine on 20 meters.

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Thanks,

Bill N6PY

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b.. To unsubscribe from this group, send an email to:
T-368_BC-610-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 1958. WTB: T-368 Filter Choke !HELP!

Yahoo group: T-368_BC-610
Date: 2004-01-27 05:14:28 UTC
From: radarparker
Topic: 1958  Message: 1958

Hello All,

My T-368E is sick. There is 2.5% @120Hz modulation on the carrier. In examination, I found the Filter Choke in the HV Drawer Shorted. A quick resistance check shows: 24 Ohms, the spec is 65 Ohms.

Anybody out there have a spare choke??

Any help would be greatly appreciated.

I'm almost finished with my restoration and just need the choke to button it up!

Best Regards,

Jeff Parker

# 1959. Link Assembly

Yahoo group: T-368_BC-610
Date: 2004-01-29 19:29:55 UTC
From: Jerry Kidd
Topic: 1959  Message: 1959

I am in need of the link Assembly. Anyone have a junker That can be reworked???

# 1960. BC-610 Pic Needed ASAP for QST (This weekend!)

Yahoo group: T-368_BC-610
Date: 2004-01-31 23:18:20 UTC
From: Tom Norris
Topic: 1960  Message: 1960

I'm posting this for John Dilks from the Boatanchor list, he is needing a decent BC-610 photo for his QST column -- contact him and NOT me!

---

Hi Gang,

I'm looking for a good high resolution photo of your BC-610, and hopefully the BC-610 located within your station, for use in my QST column. Photo should be well lit, in focus, high resolution (at least 400k - better is 700+k) and in .jpg file format. If you can, turn on the rig so the panel lights are on. You in the photo is OK too.

I need the photo this weekend. The photo I have, and was planning to use, is not real clear. I'm hoping to get a better one.

Any questions, email or telephone me 609-927-3873.

Email address is oldradio@...

Thanks & 73, John Dilks, K2TQN

# 1961. BC-610 mod xmfer

Yahoo group: T-368_BC-610
Date: 2004-02-02 12:32:38 UTC
From: Jerry Kidd
Topic: 1961  Message: 1961

I have a bc-610 mod. xfmer and I do not have a drawing that tells me what the four connection on the pri. side are. While looking at the four connections... which are the plate caps connected and which is the b+.. and what would the fourth be?? Thanks

# 1962. Re: [T-368_BC-610] BC-610 mod xmfer

Yahoo group: T-368_BC-610
Date: 2004-02-02 16:51:37 UTC
From: James M. Walker
Topic: 1961  Message: 1962

Hello Jerry and list,
The primary side is in fact two separate windings for the tubes used.
At top left facing the transformer, goes to plate of one tube, top right
goes to the second tube plate. The two bottom terminals are to be
jumpered
together for two tubes, and the B+ is connected to this jumpered
connection
at either terminal. The Transformer is made by Stancor for use in the
BC-610(E)
type transmitters. It is classified and in the parts list as,
transformer,
audio frequency: primary 2100 ohms center tapped, 225 MA DC. Secondary
is
8000 ohms, 250 MA DC 7 drawing part number SC-C-23868.

I have a spare if it is needed/wanted.
Jim
WB2FCN
http://eshop1.chem.buffalo.edu

Jerry Kidd wrote:
>
> I have a bc-610 mod. xfmer and I do not have a drawing that tells me
> what the four connection on the pri. side are. While looking at the
> four connections... which are the plate caps connected and which is
> the b+.. and what would the fourth be?? Thanks
>
>
>
> Yahoo! Groups Links
>
> To visit your group on the web, go to:
> http://groups.yahoo.com/group/T-368_BC-610/
>
> To unsubscribe from this group, send an email to:
> T-368_BC-610-unsubscribe@yahoogroups.com
>
> Your use of Yahoo! Groups is subject to:
> http://docs.yahoo.com/info/terms/

# 1963. Re: [T-368_BC-610] BC-610 mod xmfer

Yahoo group: T-368_BC-610
Date: 2004-02-04 19:15:25 UTC
From: Roy Morgan
Topic: 1961  Message: 1963

At 11:51 AM 2/2/04 -0500, "James M. Walker" <chejmw@...> wrote:

...primary 2100 ohms center tapped, 225 MA DC.

I think you meant 21,000.

Roy
- Roy Morgan, K1LKY since 1959 - Keep 'em Glowing!
7130 Panorama Drive, Derwood MD 20855
Home: 301-330-8828 Work: Voice: 301-975-3254, Fax: 301-948-6213
roy.morgan@... --

# 1964. Re: [T-368_BC-610] BC-610 mod xmfer

Yahoo group: T-368_BC-610
Date: 2004-02-04 20:18:17 UTC
From: James M. Walker
Topic: 1961  Message: 1964

Hey Roy,
Nope I wrote what I was reading from the Parts Manual, that reads 2100.
However, you
are correct the value should be 21,000 as all the others are 21,000, that
are listed there.
Military Manuals, sometimes they do have typos' I guess I was going to fast,
or not had
enough COFFEE, please forgive me for not paying attention.

Thanks
Jim
WB2FCN
Query:
If a DX-100 weighs 104 Lbs, and is called a boat anchor, why is a BC-610,
which
weighs 450 Lbs, also called a boat anchor?

----- Original Message -----
From: "Roy Morgan" <roy.morgan@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Wednesday, February 04, 2004 2:15 PM
Subject: Re: [T-368_BC-610] BC-610 mod xmfer

> At 11:51 AM 2/2/04 -0500, "James M. Walker" <chejmw@...>
wrote:
>
> ...primary 2100 ohms center tapped, 225 MA DC.
>
> I think you meant 21,000.
>
> Roy
> - Roy Morgan, K1LKY since 1959 - Keep 'em Glowing!
> 7130 Panorama Drive, Derwood MD 20855
> Home: 301-330-8828 Work: Voice: 301-975-3254, Fax: 301-948-6213
> roy.morgan@... --
>
>
>
>
>
> Yahoo! Groups Links
>
> To visit your group on the web, go to:
> http://groups.yahoo.com/group/T-368_BC-610/
>
> To unsubscribe from this group, send an email to:

> T-368_BC-610-unsubscribe@yahoogroups.com
>
> Your use of Yahoo! Groups is subject to:
> http://docs.yahoo.com/info/terms/
>
>
>

# 1965. Re: [T-368_BC-610] BC-610 mod xmfer

Yahoo group: T-368_BC-610
Date: 2004-02-04 22:54:23 UTC
From: polaraligned
Topic: 1961  Message: 1965

I guess my T-368 at 600# is the battleship and the SP-600 on it is the boat anchor?

Scott

Thanks
Jim
WB2FCN
Query:
If a DX-100 weighs 104 Lbs, and is called a boat anchor, why is a BC-610,
which
weighs 450 Lbs, also called a boat anchor?

[Non-text portions of this message have been removed]

# 1966. T368 generating harmonics

Yahoo group: T-368_BC-610
Date: 2004-02-10 12:52:52 UTC
From: Tom Mackie
Topic: 1966  Message: 1966

All,
Last night I was operating 1940KHz and I later found out from a couple hams in New England that I was putting out a strapping signal on 3880KHz also. I have checked for blatant things like antenna connection, tune etc and I don't see a problem. I modified the RF deck a few years ago to remove some of the excessive C. I would have to refresh my memory on what I have done. I just noticed dip and max output do not occur at the same spot. I have been tuning for dip.

Any ideas on how to track down this harmonic?

FWIW, I had the same report many years ago when the T3 was in stock form. I thought the mod to the RF deck had solved it.

Tnx

Tom W2ILA

# 1967. Re: [T-368_BC-610] T368 generating harmonics

Yahoo group: T-368_BC-610
Date: 2004-02-10 16:08:58 UTC
From: James M. Walker
Topic: 1966  Message: 1967

Hi Tom,
Bet you a nickel you either changed the cap c41 or the components in the "L" network,
they are directly responsible for suppression of spurs on the output to the T-368. They
work in conjunction with the Plate blocking cap to keep them at a minimum level. The
modifications to the plate circuit, cause various squirrelly things to happen to the T-368
among them is burning up the 4-400 plate choke. MILTFDJ-1 my friend.
Jim
WB2FCN

----- Original Message -----
From: "Tom Mackie" <tom_mackie@...>
To: "T368 reflector" <T-368_BC-610@yahoogroups.com>
Sent: Tuesday, February 10, 2004 7:52 AM
Subject: [T-368_BC-610] T368 generating harmonics

> All,
> Last night I was operating 1940KHz and I later found out from a couple hams in New England that I was putting out a strapping signal on 3880KHz also. I have checked for blatant things like antenna connection, tune etc and I don't see a problem. I modified the RF deck a few years ago to remove some of the excessive C. I would have to refresh my memory on what I have done. I just noticed dip and max output do not occur at the same spot. I have been tuning for dip.
>
> Any ideas on how to track down this harmonic?
>
> FWIW, I had the same report many years ago when the T3 was in stock form. I thought the mod to the RF deck had solved it.
>
> Tnx
>
> Tom W2ILA
>
>
>
>
> Yahoo! Groups Links
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>
>

# 1968. For Sale, Nice T-368C near Oklahoma City

Yahoo group: T-368_BC-610
Date: 2004-02-11 15:22:36 UTC
From: Jerry Kincade
Topic: 1968  Message: 1968

Subject says it all.. 700 lb, you pick up 15 mi SW of OKC, or I will deliver free in the OKC area. Will also deliver within 150 miles of OKC for the price of a tank of diesel fuel and some unloading help (drawers come out easily, so two people can handle load/unload). $1200 firm, PayPal, cash, or bank check. Sorry, no personal checks. Please contact me OFF LIST via email for details. 15 high-res photos are posted at

http://f2.pg.photos.yahoo.com/ph/w5kp/album?.tok=phzbOoAB_b.NZy.K&.dir=/e54c&.src=ph

Thanks, Jerry W5KP Mustang, OK

# 1969. fixed the harmonic generator

Yahoo group: T-368_BC-610
Date: 2004-02-15 19:17:19 UTC
From: Tom Mackie
Topic: 1969  Message: 1969

Guys,

I fixed the problem of simulcast on 1940 / 3880 from my T368.
Jim, WB2FCN gave me a clue to look at C41. Hmmm. it was shorted. That forced me to tune to values on tune/load way outside of the curves in the book (as suggested by Joe W3GMS). The final was doubling. I could not tune to book values.
I now have a 1000pf bathtub cap in C41 and the tuning and loading are proper per the book suggested curves. I can't hear myself any longer on 3880 where before I was S-9 with the antenna disconnected.

Thanks for all the help everyone!

73

Tom W2ILA

# 1970. Re: [T-368_BC-610] fixed the harmonic generator

Yahoo group: T-368_BC-610
Date: 2004-02-15 19:29:18 UTC
From: rbethman
Topic: 1969  Message: 1970

All,

I may seem to be biased, as I picked up my first BC-610 from
WB2FCN. BUT - I have YET to find ANYONE that can talk to you over the
phone, radio, OR computer AND talk you through a troubleshooting session
with more knowledge on these two fine old boatanchors!

Hats off to Jim once more!

Bob - N0DGN

Tom Mackie wrote:

>Guys,
>
>I fixed the problem of simulcast on 1940 / 3880 from my T368.
>Jim, WB2FCN gave me a clue to look at C41. Hmmm. it was shorted. That forced me to tune to values on tune/load way outside of the curves in the book (as suggested by Joe W3GMS). The final was doubling. I could not tune to book values.
>I now have a 1000pf bathtub cap in C41 and the tuning and loading are proper per the book suggested curves. I can't hear myself any longer on 3880 where before I was S-9 with the antenna disconnected.
>
>Thanks for all the help everyone!
>
>73
>
>Tom W2ILA
>

><< Bob Bethman - N0DGN
>+-------------------------------+---------------------------------+
>| N0DGN AMRadio Manassas, VA | Home Builder |
>+-------------------------------+---------------------------------+
>| Bob Bethman \\\|/// " The absence of a danger |
>| <rbethman@...> \\ ~ ~ // signal does *NOT* mean |
>| Bethman Fine Homes (/ @ @ /) that everything is OK " |
>+-------------------------oOOo-(_)-oOOo----------------------------+
>| <http://home.comcast.net/~rbethman> |
>| 1 BC-610I w/BC-614I,1 T-213/GRC-26 w/BC614I 1 '51 Collins R-390A |
>| 1 '67 EAC R-390A, Heathkit DX-60, Apache, Mohawk, SX-101, HT-32A |
>+-----------------------------------------------------------------+
>| Amateur Astronomer - Celestron Nexstar 8 |
>| 12" f5 Dob coming soon! Being built |
>| Meade ETX-60 (Got it back!) |
>| 38 Deg 46.8' N - 77 Deg 28.5' W |

>+----------------------------------------------------------------+
>| Opinions expressed are that of my own and do not necessarily |
>| coincide with or represent those of ANYONE else |
>+----------------------------------------------------------------+
> ALL E-mail received and sent scanned by AVG & Norton Anti-Virus>
>
>
>

# 1971. RE: [T-368_BC-610] fixed the harmonic generator

Yahoo group: T-368_BC-610
Date: 2004-02-16 13:38:39 UTC
From: Fell, Joseph H
Topic: 1969  Message: 1971

Tom,
Glad my suggestions were helpful and you found the problem.
Regards,
joe GMS Radio

-----Original Message-----
From: Tom Mackie [mailto:tom_mackie@...]
Sent: Sunday, February 15, 2004 2:17 PM
To: T368 reflector
Subject: [T-368_BC-610] fixed the harmonic generator

Guys,

I fixed the problem of simulcast on 1940 / 3880 from my T368.
Jim, WB2FCN gave me a clue to look at C41. Hmmm. it was shorted. That forced me to tune to values on tune/load way outside of the curves in the book (as suggested by Joe W3GMS). The final was doubling. I could not tune to book values.
I now have a 1000pf bathtub cap in C41 and the tuning and loading are proper per the book suggested curves. I can't hear myself any longer on 3880 where before I was S-9 with the antenna disconnected.

Thanks for all the help everyone!

73

Tom W2ILA

Yahoo! Groups Links

# 1972. .__._.

Yahoo group: T-368_BC-610
Date: 2004-02-19 04:36:18 UTC
From: redmenaced
Topic: 1972  Message: 1972

http://www.detnews.com/2004/technology/0402/17/technology-66475.htm

# 1973. BC-614 speechamp

Yahoo group: T-368_BC-610
Date: 2004-02-19 13:16:00 UTC
From: wd5bzo
Topic: 1973  Message: 1973

good morning fellow 610 & T3 owners does any one have a output xformer for the 614 (T102) any help is welcome, dave

# 1974. Getting out of Heavy metal

Yahoo group: T-368_BC-610
Date: 2004-02-28 13:53:33 UTC
From: Charles East
Topic: 1974  Message: 1974

Anyone want BC 610 Have 2 I models..With coils and units and 614s

May deliver for so much a mile...

Charlie...

# 1975. More on 610's

Yahoo group: T-368_BC-610
Date: 2004-02-28 14:51:10 UTC
From: Charles East
Topic: 1975  Message: 1975

I am located 14 miles north of El Paso tx

One has the excitation meter knob broken at the shaft...

Both are set up for 160 but only have one tuner and coils for that band...
I will try to get some light back here and take some pictures...This Afternoon...Or tomorrow

# 1976. Prices on 610s

Yahoo group: T-368_BC-610
Date: 2004-02-29 02:45:36 UTC
From: Charles East
Topic: 1976  Message: 1976

$650 for one set up for 80 40 and 20 meters...BC 614 for $75..(.I have a coil and tuning unit for 160 ....For $200)works great

The other set up for 1 band...$500 Has Broke excite meter switch shaft...Works Great

I have spare 100ths and 250 this....No price on these till I find out what NOS are going for...

# 1977. E-Space Item FS

Yahoo group: T-368_BC-610
Date: 2004-03-08 23:09:40 UTC
From: ab3l1@aol.com
Topic: 1977  Message: 1977

If anyone is interested there is an ME 156/G wattmeter/load for sale on the web. It is item number 3083428329.

Have fun,

Bob AB3L

[Non-text portions of this message have been removed]

# 1978. FOR SERIOUS BC-610 PEOPLE ONLY - (NO EBAY here)

Yahoo group: T-368_BC-610
Date: 2004-03-09 00:29:01 UTC
From: W6PSS@aol.com
Topic: 1978  Message: 1978

Gentlemen:
I'm in the twilight of life with declining health. Accordingly, I'm considering selling all seven (7) BC-610's, tubes, PA and exciter plug ins, 3 BC-614's and other associated 610 stuff to one party. These sets suffered external damage during a move. Some meters and knobs damaged.
If interested, email me direct w6pss@.... Would be wise to visit & see what's here. If a deal is struck, a U-Haul facility not far off. Please, let's not tie up group com with any further queries. I will be glad to schedule individual viewing and provide complete inventory at that time.
My love affair with these sets over 50-years. Will consider reasonable offers but not giving this treasure away.
73,
david, w6pss
Ramona, CA

[Non-text portions of this message have been removed]

# 1979. MRCG 2004 - Reminder

Yahoo group: T-368_BC-610
Date: 2004-03-09 22:46:08 UTC
From: w7qho@aol.com
Topic: 1979  Message: 1979

All,

MRCG 2004 will be held at Camp San Louis Obispo, CA, 30 April - 1 May 2004. Please mark your calendars. For more see our web site at: http://www.syzen.com/milradio/

Dennis DuVall, W7QHO
Glendale, CA

# 1980. Fwd: Assistance with images

Yahoo group: T-368_BC-610
Date: 2004-03-10 15:54:54 UTC
From: N6WIG
Topic: 1980  Message: 1980

Can anyone help Jack with some information and pictures of
the SCR-609 radio set?

Thanks,

Mike

------- Start of forwarded message -------

From: <jfarrah@...>
Date: Wed, 10 Mar 2004 07:35:23 -0800
Cc: <mikhael@...>
Subject: Assistance with images
To: <MilRadio_Feedback@...>

Message from: Jack Farrah.
Hi
Just was visiting your site and wondered if you or your
members could help me out with a project I'm working on. I
work on the GI Joe line for Hasbro, and am developing a WWII
figure that will come with a SCR-609 radio set. I really
need some good imagry of this radio, along with dimensions,
so I can do an accurate job of reproducing it. Any help
appreciated. Thanks.
Jack

------- End of forwarded message -------

# 1981. QST story on Beastly-610

Yahoo group: T-368_BC-610
Date: 2004-03-11 22:04:46 UTC
From: Trevor Lewis
Topic: 1981  Message: 1981

My April QST arrived today, and in the "Old Radio" Column, there is a good two page story on the BC-610 and its history (and a sidebar on Joe Cro, N3IBX, of this list, pictured with his HT-4). Interest in vintage radio sure has come a long way from 20 years ago when the old timers at the ham club I belonged to back then thought it was a hoot that this "kid" was actually willing to take away some of the old radio stuff & parts (now I wish that I'd taken, and kept, more of it).

73
Trevor
KD1YT (shack getting closer, little by little, to being ready for installation & rehab of T-368E)

[Non-text portions of this message have been removed]

# 1982. T-368 bc-610 registery...

Yahoo group: T-368_BC-610
Date: 2004-03-11 23:07:03 UTC
From: aa9wq
Topic: 1982  Message: 1982

Who is in charge of the registery these days? I just picked up a second T-368 and would like to add it to the list.

W9AMR formerly AA9WQ

# 1983. coax power/ age

Yahoo group: T-368_BC-610
Date: 2004-03-12 04:50:43 UTC
From: Trevor Lewis
Topic: 1983  Message: 1983

pardon this off-topic question, but it does indeed relate to eventually setting up my T-368; I figure some of you folks may have some insight or be able to point me in the right direction.

I picked up some nice mil-surplus Bird Coax Switches that I want to use to switch between my T-3 and other rigs. But these are an oddball variant of the Bird "Coaxwitch"-- instead of an "N" connector on the back for the "common" pole of the switch, there is a short stub (very short stub) of very old looking RG-55 coax (yes, 55, not 58 or 59) hanging out of the back of the switch. I've opened up the switch and it looks like it'd be an "adventure" to try to install/ adapt to some new similar-size coax. I've found specs that say that RG-55 is good for 950 watts up to 30 MHz, but am concerned that this old ratty stuff may handle less power. Am I correct that the coax probably has not only become more lossy (not a worry at HF for such a short piece) but more limited in its power-handling capability over the 40+ years that look like they've passed since its manufacture?

Thanks & 73
Trevor
KD1YT

[Non-text portions of this message have been removed]

# 1984. BC-610 Registry

Yahoo group: T-368_BC-610
Date: 2004-03-12 15:01:55 UTC
From: Mikhael
Topic: 688  Message: 1984

Here is the link to the BC-610 registry. Please email any additions or corrections to me or click on the list keeper button on the registry.

http://syzen.com/milradio/BC610_Registry.aspx

Thanks and 73's

Mike

# 1985. JB-70-A

Yahoo group: T-368_BC-610
Date: 2004-03-14 23:50:26 UTC
From: dahagert
Topic: 1985  Message: 1985

Dows anyone have a copy of the JB-70 junction box that they can eamil?

Thanks
Dale W0IR

# 1986. Hi! :-)

Yahoo group: T-368_BC-610
Date: 2004-03-24 06:40:49 UTC
From: W6PSS@aol.com
Topic: 1986  Message: 1986

Looking forward for a response :P

password -- 54068

[Non-text portions of this message have been removed]

# 1987. Here's one for ya'

Yahoo group: T-368_BC-610
Date: 2004-03-30 03:26:55 UTC
From: redmenaced
Topic: 1987  Message: 1987

http://cgi.ebay.com/ws/eBayISAPI.dll?
ViewItem&item=3088194189&category=4675

Watch out for the shipping!

Joe

# 1988. WTD: BC-610E Parts

Yahoo group: T-368_BC-610
Date: 2004-03-31 00:38:11 UTC
From: Dale Hagert
Topic: 1988  Message: 1988

I am getting ready to send my BC-610E sheet metal out for powder coating and need the metal manual box on the right side. Does anyone have one they would like to sell or can give me the dimensions for I can have one bent up.

I am also looking for the plastic PA Tuning dial as mine is broken. and would like to find the metal ID plate from a BC-610E. If anyone could help, I would truly appreciate it.

Dale W0IR
w0ir@...

# 1989. MRCG 2004 Reminder

Yahoo group: T-368_BC-610
Date: 2004-04-01 19:50:53 UTC
From: w7qho@aol.com
Topic: 1989  Message: 1989

All,

MRCG 2004 will be held at Camp San Louis Obispo, CA, 30 April - 1 May 2004. Please mark your calendars. Equipment demonstrations, transmitter hunts, technical forums, more. For complete details see our web site at: http://www.syzen.com/milradio/

C U there,

Dennis DuVall, W7QHO
Glendale, CA

# 1990. Scott RCH info

Yahoo group: T-368_BC-610
Date: 2004-04-05 19:14:37 UTC
From: N6WIG
Topic: 1990  Message: 1990

Question for the group.

Anyone know where the E. H. Scott RCH receiver was used or when? I have one in really nice shape that I am bringing to SLO for MRCG meeting for display. Would like to be able to tell a little about it's history and use.

Thanks,

Mike

# 1991. WOW!! I'd better hide mine,.....

Yahoo group: T-368_BC-610
Date: 2004-04-10 03:18:36 UTC
From: redmenaced
Topic: 1991  Message: 1991

http://cgi.ebay.com/ws/eBayISAPI.dll?
ViewItem&category=4675&item=3090434310&rd=1&ssPageName=WDVW

# 1992. Re: [T-368_BC-610] WOW!! I'd better hide mine,.....

Yahoo group: T-368_BC-610
Date: 2004-04-11 03:25:38 UTC
From: Joe Foley
Topic: 1991  Message: 1992

--- Trevor Lewis <kd1yt@...> wrote:
> Heck, I think Fair Radio is still selling these
> ME-165s in like-new re-furbed condition for way less
> than this guy is asking. I bought an ordinary
> "clean" one from Fair Radio a few years ago and have
> no complaints at all about the condition.
++++++++
Even their "Used-Ugly" ones work well enough, and they
are a real deal at only, I think, $50 each.

Joe

_____
Do you Yahoo!?
Yahoo! Tax Center - File online by April 15th
http://taxes.yahoo.com/filing.html

# 1993. Re: [T-368_BC-610] WOW!! I'd better hide mine,.....

Yahoo group: T-368_BC-610
Date: 2004-04-11 03:52:47 UTC
From: James M. Walker
Topic: 1991  Message: 1993

About 4 years ago, a guy was selling these units for 15.00 each, catch was he had removed the resistors to sell them individually as they are indeed non-inductive type. So I bought them from him, and then ran into another guy who had more than enough of the resistors to replace the ones
removed, cost was 2.00 each. I refurbished 4 of the units, had to get a few 52 ohm 1/2 watt 1% resistors off of old 3COM network cards, set them up and calibrated them to a bird wattmeter into a 1KW dummy load and, ended up with one each for the two BC-610(*) transmitters , my T-368, and also the main antenna path to the low power stations. A very good unit
for checking power and also SWR for the systems. The Schematics and a manual are available through the "ETM" site or on my web pages.

Fair radio sells them for 45.00, but they also show up on this E-place for between 25 and 45 dollars. The things are virtually indestructible so they are a good deal at this LOWER more realistic price. The 2003 Fair Radio catalog has Government Reconditioned ME-165/G units for 125.00 and manual repro for 8.50, which may be why the guy is asking such a high price for his. It is a BIT much however.

There are lots of guys with them, that don't use them, because the unit uses "N" type connectors, I haven't figured out why however.
Jim
WB2FCN

Joe Foley wrote:
>
> --- Trevor Lewis <kd1yt@...> wrote:
> > Heck, I think Fair Radio is still selling these
> > ME-165s in like-new re-furbed condition for way less
> > than this guy is asking. I bought an ordinary
> > "clean" one from Fair Radio a few years ago and have
> > no complaints at all about the condition.
> ++++++++
> Even their "Used-Ugly" ones work well enough, and they
> are a real deal at only, I think, $50 each.
>
> Joe
>
> _____________________________________
> Do you Yahoo!?
> Yahoo! Tax Center - File online by April 15th
> http://taxes.yahoo.com/filing.html
>
>

> Yahoo! Groups Links
>
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# 1994. ME-165

Yahoo group: T-368_BC-610
Date: 2004-04-11 04:13:00 UTC
From: Joe Foley
Topic: 1994  Message: 1994

> --- "James M. Walker" <chejmw@...>
> wrote:
> >
> > About 4 years ago, a guy was selling these units
> for
> > 15.00 each, catch
> > was he had removed the resistors to sell them
> > individually as they are
> > indeed non-inductive type. So I bought them from
> > him, and then ran into
> > another guy who had more than enough of the
> > resistors to replace the
> > ones
> > removed, cost was 2.00 each. I refurbished 4 of
> the
> > units, had to get a
> > few 52 ohm 1/2 watt 1% resistors off of old 3COM
> > network cards, set them
> > up and calibrated them to a bird wattmeter into a
> > 1KW dummy load and,
> > ended up with one each for the two BC-610(*)
> > transmitters , my T-368,
> > and also the main antenna path to the low power
> > stations. A very good
> > unit
> > for checking power and also SWR for the systems.
> The
> > Schematics and a
> > manual are available through the "ETM" site or on
> my
> > web pages.
> >
> > Fair radio sells them for 45.00, but they also
> show
> > up on this E-place
> > for between 25 and 45 dollars. The things are
> > virtually indestructible
> > so they are a good deal at this LOWER more
> realistic
> > price. The 2003
> > Fair Radio catalog has Government Reconditioned
> > ME-165/G units for
> > 125.00 and manual repro for 8.50, which may be why
> > the guy is asking
> > such a high price for his. It is a BIT much

> however.
> >
> > There are lots of guys with them, that don't use
> > them, because the unit
> > uses "N" type connectors, I haven't figured out
> why
> > however.
> ++++++++
> Ya' know what I like most about these?
>
> People keep asking me why they never hear me tune
> up.
> It's like I can sneak up on them and then POUNCE on
> them with the power of the T-368!
>
> They never know what hit 'em, just suddenly I'M
> THERE!!
>
> Joe

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Do you Yahoo!?
Yahoo! Tax Center - File online by April 15th
http://taxes.yahoo.com/filing.html

# 1995. Springtime!!

Yahoo group: T-368_BC-610
Date: 2004-04-17 03:52:28 UTC
From: redmenaced
Topic: 1995  Message: 1995

Hi,

I'm putting a new 480 Volt service in a local factory that
makes,..... what else,.... SPRINGS!!

Bill, the owner, says he likes doing custom springs, short runs of
custom springs! If all you need is a dozen, he'll do a dozen.

Angelica Spring Co.
99 West Ave.
Angelica, NY 14709

585-466-7892

Send him a sample, or specs, and see what happens. Good guy to deal
with, too.

Oldham coupler springs? RF deck springs? What do we need?

On another subject,

The heavy equipment repair guy up the street told me his 1953 Lincoln
welder was acting up, arcing over inside, smoking, etc,... but only
when he ran it on DC.

Gee, I thought, what could the problem be? 8^/

Sure enough, there is a HUGE selenium rectifier stack inside, about
6" X 12" X 18". It was making HUGE beautiful, blue sparks when he
showed it to me. His wife said he was real sick, 102+ fever, Sunday
after spending most of Saturday welding with it. But he was only
sick for a few hours,..... lucky?

He promised me he'd only use it on AC until we round up some new
rectifiers for it.

Joe

# 1996. Re: [T-368_BC-610] Springtime!!

Yahoo group: T-368_BC-610
Date: 2004-04-17 14:34:20 UTC
From: James M. Walker
Topic: 1995  Message: 1996

What is the part number for the Selenium Stack, I may have a spare here.
That Selenium is nothing to play around with, he should get checked out
for tissue scarring in the lungs and bronchial tubes, Just to be safe.
Jim
WB2FCN

redmenaced wrote:
>
> Hi,
>
> I'm putting a new 480 Volt service in a local factory that
> makes,..... what else,.... SPRINGS!!
>
> Bill, the owner, says he likes doing custom springs, short runs of
> custom springs! If all you need is a dozen, he'll do a dozen.
>
> Angelica Spring Co.
> 99 West Ave.
> Angelica, NY 14709
>
> 585-466-7892
>
> Send him a sample, or specs, and see what happens. Good guy to deal
> with, too.
>
> Oldham coupler springs? RF deck springs? What do we need?
>
> On another subject,
>
> The heavy equipment repair guy up the street told me his 1953 Lincoln
> welder was acting up, arcing over inside, smoking, etc,... but only
> when he ran it on DC.
>
> Gee, I thought, what could the problem be? 8^/
>
> Sure enough, there is a HUGE selenium rectifier stack inside, about
> 6" X 12" X 18". It was making HUGE beautiful, blue sparks when he
> showed it to me. His wife said he was real sick, 102+ fever, Sunday
> after spending most of Saturday welding with it. But he was only
> sick for a few hours,..... lucky?
>
> He promised me he'd only use it on AC until we round up some new
> rectifiers for it.
>
> Joe

>
>
> Yahoo! Groups Links
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>

# 1997. OT: BC-375E heads up!

Yahoo group: T-368_BC-610
Date: 2004-04-18 09:08:34 UTC
From: Tom Norris
Topic: 1997  Message: 1997

Not a 610 or 368, but a BC-375E

You know where, item 3091505438

Nice looking transmitter with 5 tuning units and dynamotor,
listing appears to have not attracted much attention and
is nearly ended with less than 50 bucks on the whole shebang.
Seller says tx is complete far as he knows.

Not my item, no financial interest, etc.

Tom

# 1998. Yahoo Web Beacons

Yahoo group: T-368_BC-610
Date: 2004-04-20 19:46:06 UTC
From: w7qho@aol.com
Topic: 1998  Message: 1998

FYI.

Yahoo is now using something called "Web Beacons" to track Yahoo Group users around the net and see what they're doing and where they are going -- similar to cookies. Take a look at their updated privacy statement:

http://privacy.yahoo.com/privacy/us/pixels/details.html

About halfway down the page, in the section "Outside the Yahoo! Network," you'll see a little "click here" link that will let you "opt-out" of their new "service." Once you have clicked that link, you are opted out. Notice the "Success" message the top the next page.
Be careful, here, because on that page there is a "Cancel opt-out" button that, if clicked, will undo the opt-out.

I have personally chosen to opt-out, but make no recommendation to others, one way or the other.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 1999. Re: [T-368_BC-610] Yahoo Web Beacons

Yahoo group: T-368_BC-610
Date: 2004-04-20 20:48:36 UTC
From: K3PID
Topic: 1998  Message: 1999

Here is an explanation...

http://www.allaboutcookies.org/web-beacons/

As insidious as it is, it only applies on "browser" access. If you never actually visit the Yahoo site it shouldn't affect you. The really down and dirty part is that even if you choose to block cookies, most browsers will always allow pictures and images ( i.e. web beacons). They haven't snuck anything in via the group mailings YET!

Ron H - K3PID

[Non-text portions of this message have been removed]

# 2000. WTB PRC-104

Yahoo group: T-368_BC-610
Date: 2004-04-27 16:16:51 UTC
From: N6WIG
Topic: 2000  Message: 2000

I am looking for a good, working PRC-104 in good or better condition. Anyone have one they would like to part with? Would prefer one with the AM module if possible.
I will be MRCG meeting at SLO to save having to ship it if anyone with one will be there.
I have a PRC-74 with all accessories, AC power supply/charger for a partial trade if anyone is interested.
Also have an RCH receiver with case and shock mounts as a partial trade as well.

73's

Mike

# 2001. BC-610

Yahoo group: T-368_BC-610
Date: 2004-05-03 12:58:25 UTC
From: Polaraligned
Topic: 507  Message: 2001

Here is one in need of some TLC for you folks close to Chicago:
Auction #: 2242429208

Scott

# 2002. DZ-1 Schematic

Yahoo group: T-368_BC-610
Date: 2004-05-05 01:11:46 UTC
From: w7qho@aol.com
Topic: 2002  Message: 2002

Looking for the schematic for the old Navy DZ-1 (or DZ-2) RDF receiver. The example I have was made by RCA. Any help would be much appreciated.
Thanks.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2003. FS Scott RCH Receiver

Yahoo group: T-368_BC-610
Date: 2004-05-08 18:09:56 UTC
From: N6WIG
Topic: 2003  Message: 2003

I have a Scott RCH receiver in ver good condition for sale.
It comes with cabinet and shock mounts. I covers 5 bands 80
- 220 KC, 210 - 560 KC, 1.9 - 5.1 MC, 4.5 - 12 MC and 8.8 -
24 MC.
I am asking $300. It is pickup or the buyer has to
arrange shipping. This one weighs 109 pounds with the
cabinet and shock mounts.

Mike

# 2004. RE: FS Scott RCH Receiver

Yahoo group: T-368_BC-610
Date: 2004-05-08 18:51:51 UTC
From: Mikhael Brown
Topic: 2003  Message: 2004

I am located in San Jose, Ca. If anyone is interested in the RCH receiver.

Mike

-----Original Message-----
From: N6WIG [mailto:mikhael@...]
Sent: Saturday, May 08, 2004 11:10 AM
To: armyradios@egroups.com; boatanchors@...;
T-368_BC-610@egroups.com
Subject: FS Scott RCH Receiver

I have a Scott RCH receiver in ver good condition for sale.
It comes with cabinet and shock mounts. I covers 5 bands 80
- 220 KC, 210 - 560 KC, 1.9 - 5.1 MC, 4.5 - 12 MC and 8.8 -
24 MC.
I am asking $300. It is pickup or the buyer has to
arrange shipping. This one weighs 109 pounds with the
cabinet and shock mounts.

Mike

# 2005. FS Heathkit HM-15 Reflected Power Meter

Yahoo group: T-368_BC-610
Date: 2004-05-08 22:11:21 UTC
From: Mikhael
Topic: 2005  Message: 2005

I have a Heathkit HM-15 Reflected Power meter in good condition with manual for sale. Asking $30 shipped any where CONUS.

73's

Mike

# 2006. T-368 mod transformer needed

Yahoo group: T-368_BC-610
Date: 2004-05-19 12:43:31 UTC
From: Jerry Kincade
Topic: 2006  Message: 2006

Help, gang.
I need (sob) a mod transformer for my T-368C. I'll buy outright, or have several heavy duty transmitter items (RCA broadcast iron, HV plate xfmrs, some vacuum caps, BIG power supply caps, lots of smaller (500-1500V) iron, etc. to trade plus or minus cash. Email w5kp@.... Thanks.
Jerry W5KP Mustang, OK

# 2007. T-3 Operating Shelf???

Yahoo group: T-368_BC-610
Date: 2004-05-23 17:26:51 UTC
From: K3PID
Topic: 2007  Message: 2007

I noticed a picture of a T-368 with what looks like an operating shelf mounted even with the bottom of the RF deck. Is this a standard piece of hardware?

K3PID - Ron H.

# 2008. Re: [T-368_BC-610] T-3 Operating Shelf???

Yahoo group: T-368_BC-610
Date: 2004-05-23 22:07:33 UTC
From: w7qho@aol.com
Topic: 2007  Message: 2008

In a message dated 5/23/04 10:43:37 AM, k3pid@... writes:

> I noticed a picture of a T-368 with what looks like an operating shelf
> mounted even with the bottom of the RF deck. Is this a standard piece of
> hardware?
>

New one on me, but could be.....

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2009. Re: [T-368_BC-610] T-3 Operating Shelf???

Yahoo group: T-368_BC-610
Date: 2004-05-23 23:07:32 UTC
From: Joe Foley
Topic: 2007  Message: 2009

I haven't seen one either but it is an interesting
idea, might like to try one myself.

That is if I ever get on the air!

Joe

--- w7qho@... wrote:
>
> In a message dated 5/23/04 10:43:37 AM,
> k3pid@... writes:
>
>
> > I noticed a picture of a T-368 with what looks
> like an operating shelf
> > mounted even with the bottom of the RF deck. Is
> this a standard piece of
> > hardware?
> >
>
> New one on me, but could be.....
>
> Dennis D. W7QHO
> Glendale, CA
>
>
> [Non-text portions of this message have been
> removed]
>
>

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Do you Yahoo!?
Yahoo! Domains ? Claim yours for only $14.70/year
http://smallbusiness.promotions.yahoo.com/offer

# 2010. Re: [T-368_BC-610] T-3 Operating Shelf???

Yahoo group: T-368_BC-610
Date: 2004-05-24 03:58:12 UTC
From: James M. Walker
Topic: 2007  Message: 2010

AH,
Where did you see the picture? Need that info for reference to determine what it actually is. For instance there is a large shelf in the AN/GRC-26D.
on one side it is used for storage, and there is a smaller section on the
other side broken up by a TT-76 and a pair of TT-98 type, teletype devices.
Does this "shelf" actually touch the T-368? Or as I suspect is it just in
close proximity to it!

With the bulky size of the T-368, and also the need for the ability to access the front from time to time, I would think a shelf in "front" of the T-368 would be a bit of a hassle.

I have acquired a lift table, good for around 1000 pounds, which I use to
move the larger boatanchors around and also up to the workbench. I find it ideal for removing the modulator deck and the RF deck from the T-368. I might also mention, that due to the "excessive" weight of the power supply deck, that I have just settled for, removing the cables, and then sliding the deck out until it clears the case and the higher up rail, then
tilting the thing down onto a thick throw rug. then standing it up on the
front handles, thus giving me unobstructed access to the bottom of the chassis.

In conclusion, where did you see this picture?
Jim
WB2FCN

K3PID wrote:
>
> I noticed a picture of a T-368 with what looks like an operating shelf
> mounted even with the bottom of the RF deck. Is this a standard piece of
> hardware?
>
> K3PID - Ron H.
>
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> Yahoo! Groups Links
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# 2011. Re: [T-368_BC-610] T-3 Operating Shelf???

Yahoo group: T-368_BC-610
Date: 2004-05-24 18:59:16 UTC
From: Chuck Strozier
Topic: 2007  Message: 2011

Greetings,
My name is Chuck Strozier, a former us military an/grc-26d repairman, and from memory & TM11-264B There are 3 separate tables supporting the tty machines on the right side of the hut with about 24" of clearance from the edge of the table to the T368 to allow the decks of the t3 to be pulled out and removed for service. The only other surface is a cabinet located on the left side of the hut.
Hope this sheds some light on the discussion.
Chuck
----- Original Message -----
From: "James M. Walker" <chejmw@...>
To: "K3PID" <k3pid@...>
Cc: <T-368_BC-610@yahoogroups.com>
Sent: Sunday, May 23, 2004 8:58 PM
Subject: Re: [T-368_BC-610] T-3 Operating Shelf???

> AH,
> Where did you see the picture? Need that info for reference to determine
> what it actually is. For instance there is a large shelf in the
> AN/GRC-26D.
> on one side it is used for storage, and there is a smaller section on
> the
> other side broken up by a TT-76 and a pair of TT-98 type, teletype
> devices.
> Does this "shelf" actually touch the T-368? Or as I suspect is it just
> in
> close proximity to it!
>
> With the bulky size of the T-368, and also the need for the ability to
> access the front from time to time, I would think a shelf in "front" of
> the T-368 would be a bit of a hassle.
>
> I have acquired a lift table, good for around 1000 pounds, which I use
> to
> move the larger boatanchors around and also up to the workbench. I find
> it ideal for removing the modulator deck and the RF deck from the T-368.
> I might also mention, that due to the "excessive" weight of the power
> supply deck, that I have just settled for, removing the cables, and then
> sliding the deck out until it clears the case and the higher up rail,
> then
> tilting the thing down onto a thick throw rug. then standing it up on
> the
> front handles, thus giving me unobstructed access to the bottom of the
> chassis.
>

> In conclusion, where did you see this picture?
> Jim
> WB2FCN
>
>
> K3PID wrote:
> >
> > I noticed a picture of a T-368 with what looks like an operating shelf
> > mounted even with the bottom of the RF deck. Is this a standard piece of
> > hardware?
> >
> > K3PID - Ron H.
> >
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# 2012. Re: [T-368_BC-610] T-3 Operating Shelf???(HERE)

Yahoo group: T-368_BC-610
Date: 2004-05-24 21:12:13 UTC
From: K3PID
Topic: 2012  Message: 2012

I found the picture at:

http://www.hamelectronics.com/ghn/images/JZ4.jpg

Check it out!

Tnx
K3PID - Ron H.

# 2013. Re: [T-368_BC-610] T-3 Operating Shelf???(HERE)

Yahoo group: T-368_BC-610
Date: 2004-05-24 21:45:27 UTC
From: w7qho@aol.com
Topic: 2012  Message: 2013

In a message dated 5/24/04 2:20:25 PM, k3pid@... writes:

> I found the picture at:
>
> http://www.hamelectronics.com/ghn/images/JZ4.jpg
>
> Check it out!
>
>

Well, there it is sure enough. Kinda neet, but looks home-brew to me.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2014. RE: [T-368_BC-610] T-3 Operating Shelf???(HERE)

Yahoo group: T-368_BC-610
Date: 2004-05-24 21:48:25 UTC
From: WF2U
Topic: 2012  Message: 2014

The photo is NOT of the T-368 in a military installation. Many items don't belong in a military configuration, such as the D-104 microphone, Bud or some such box with the speaker, R-390A without the cabinet and not in a receiver rack, on top of the T-368 where the RTTY modulator would be mounted.

Whoever built that contraption, it looks nice anyway. However, t'd be a bit too noisy to use the microphone right in front of a T-3...

73, Meir WF2U
Gowensville, SC

-----Original Message-----
From: K3PID [mailto:k3pid@...]
Sent: Monday, May 24, 2004 5:12 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] T-3 Operating Shelf???(HERE)

I found the picture at:

http://www.hamelectronics.com/ghn/images/JZ4.jpg

Check it out!

Tnx
K3PID - Ron H.

# 2015. Re: [T-368_BC-610] T-3 Operating Shelf???(HERE)

Yahoo group: T-368_BC-610
Date: 2004-05-25 00:51:43 UTC
From: James M. Walker
Topic: 2012  Message: 2015

Ah ha,
Just as I thought, it is "homebrew" nice setup though. It is yet another indication of the amount of space taken up by the T-368 and R-390(*) RX. I constantly suffer from lack of space here, and at one time I had some many "Big Rigs" down in my basement, I thought the house would start to lean towards the "Heavy Metal"!

That is a good idea for the person that hasn't been "INFECTED" yet by the
Big Rig Bug, or as I put it, Radios increase to fill all the space in a given area. The idea is similar to the look Dave KA2J has for his T-368 position, except he uses a table, but I would venture, the space occupied
is nearly the same, because he has his EFJ KW matchbox in his picture!

Man I have to start an ant farm or something, that can sit on the corner of a table (small) along with the alarm clock!

Good photo though!
Jim

K3PID wrote:
>
> I found the picture at:
>
> http://www.hamelectronics.com/ghn/images/JZ4.jpg
>
> Check it out!
>
> Tnx
> K3PID - Ron H.
>
>
>
> Yahoo! Groups Links
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>

# 2016. Going to San Diego?

Yahoo group: T-368_BC-610
Date: 2004-06-01 15:35:46 UTC
From: N6WIG
Topic: 2016  Message: 2016

Anyone going from San Jose or the Bay area to SAn Diego?
Have to 110 pound boartanchor that needs to go to a new home
in San Diego. Would be happy to pay a resonable rate to
move it down there.

Thanks and 73's

Mike

# 2017. Fwd: Fessenden Radio

Yahoo group: T-368_BC-610
Date: 2004-06-02 13:49:33 UTC
From: N6WIG
Topic: 2017  Message: 2017

Anyone have any information on Fessenden Radio for Marvin?

Thanks,

Mike

------- Start of forwarded message -------

From: <mbarrash@...>
Date: Sun, 23 May 2004 07:56:15 -0700
Cc: <mikhael@...>
Subject: Fessenden Radio
To: <MilRadio_Feedback@...>

Message from: Marvin Barrash.
I'm writing a book about a Navy ship, primarily in the
pre-WWI era. I've found many references in my sources thus
far which refer to equipment which was manufactured by Mr.
Fessenden and the Submarine Signal Company:

Type G Fessenden receiving set

Type J Fessenden receiving set

Are you aware of any information concerning
these receivers?

Many thanks,

Marvin Barrash

------- End of forwarded message -------

# 2018. Choke for T3 RF deck mods

Yahoo group: T-368_BC-610
Date: 2004-06-03 05:02:10 UTC
From: Jerry Kincade
Topic: 2018  Message: 2018

Ok, T3 mod experts: I want to do the standard RF deck mods (reduction of shunt capacitance) but it appears that B&W 800 chokes are like hen's teeth. B&W will cheerfully sell me a new 110 uH 802 (supposedly re-designed to be trouble-free on the upper bands, unlike the 800), but for (gag) $75.

As a more economical alternative, I have in hand a large NOS choke originally intended for an 8877 amp. It's a stout choke, 1" diameter, about 7 inches long on a ceramic core, but is only 95 uH vice the 110 uH of a B&W 802. It should easily carry an amp plus some. I want to be sure I can still fire up full bore on 160 through 20 after this mod without worrying about letting the smoke out of something. Of course, above 20M I couldn't care less. Any reason this choke shouldn't work just fine for the T3 rf deck mods?

Thanks,
Jerry W5KP

# 2019. Re: [T-368_BC-610] Choke for T3 RF deck mods

Yahoo group: T-368_BC-610
Date: 2004-06-03 07:42:49 UTC
From: w7qho@aol.com
Topic: 2018  Message: 2019

In a message dated 6/2/04 10:04:09 PM, w5kp@... writes:

> Ok, T3 mod experts:  I want to do the standard RF deck mods (reduction of
> shunt capacitance) but it appears that B&W 800 chokes are like hen's teeth.
> B&W will cheerfully sell me a new 110 uH 802 (supposedly re-designed to be
> trouble-free on the upper bands, unlike the 800), but for (gag) $75.
>
> As a more economical alternative, I have in hand a large NOS choke
> originally intended for an 8877 amp. It's a stout choke, 1" diameter, about
> 7 inches long on a ceramic core, but is only 95 uH vice the 110 uH of a B&W
> 802. It should easily carry an amp plus some. I want to be sure I can still
> fire up full bore on 160 through 20 after this mod without worrying about
> letting the smoke out of something. Of course, above 20M I couldn't care
> less. Any reason this choke shouldn't work just fine for the T3 rf deck
> mods?
>

Jerry,

The B&W 800 (90 uH) does not have enough inductance for this application and will get warm on 75 and hot on 160M. There was a thread on this a while ago. The Yahoo web site http://groups.yahoo.com/group/T-368_BC-610/files/) gives one solution to this problem. Whatever choke you use in the plate circuit, make sure it exhibits no series resonances on any of the frequencies on which you plan to operate.

Incidentally, I opted for a simpler modification in my T368s. Noticeable top end improvement can be achieved by merely reducing the DC blocking capacity in the middle of the Pi-L tank circuit to .001 mf and doing the same to the RF bypassing on the incoming HVDC line. The tuning on 160M is affected somewhat with this mod but there is no apparent affect on output or efficiency. Reducing the value of 4-400 screen bypass cap would probably provide additional improvement but I haven't tried this.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2020. Re: [T-368_BC-610] Choke for T3 RF deck mods

Yahoo group: T-368_BC-610
Date: 2004-06-03 12:19:28 UTC
From: James M. Walker
Topic: 2018  Message: 2020

For Sale:
1 each new old stock B&W 800 Plate RF Choke, 50.00 Plus shipping!
Jim
WB2FCN

----- Original Message -----
From: "Jerry Kincade" <w5kp@...>
To: <T-368_bc-610@yahoogroups.com>
Sent: Thursday, June 03, 2004 1:02 AM
Subject: [T-368_BC-610] Choke for T3 RF deck mods

> Ok, T3 mod experts: I want to do the standard RF deck mods (reduction of
> shunt capacitance) but it appears that B&W 800 chokes are like hen's
teeth.
> B&W will cheerfully sell me a new 110 uH 802 (supposedly re-designed to be
> trouble-free on the upper bands, unlike the 800), but for (gag) $75.
>
> As a more economical alternative, I have in hand a large NOS choke
> originally intended for an 8877 amp. It's a stout choke, 1" diameter,
about
> 7 inches long on a ceramic core, but is only 95 uH vice the 110 uH of a
B&W
> 802. It should easily carry an amp plus some. I want to be sure I can
still
> fire up full bore on 160 through 20 after this mod without worrying about
> letting the smoke out of something. Of course, above 20M I couldn't care
> less. Any reason this choke shouldn't work just fine for the T3 rf deck
> mods?
>
> Thanks,
> Jerry W5KP
>
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> Yahoo! Groups Links
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# 2021. Re: [T-368_BC-610] Choke for T3 RF deck mods

Yahoo group: T-368_BC-610
Date: 2004-06-03 12:24:43 UTC
From: James M. Walker
Topic: 2018  Message: 2021

For Sale,
Quantity (1) 1 inch diameter Teflon rod tapped at both ends for 6-32 screws
With
press-fit brass terminals spaced 6.5 inches apart..
Quantity 25 feet number 16 formvar wire
Cost 50.00 plus shipping.
Jim
WB2FCN

----- Original Message -----
From: "Jerry Kincade" <w5kp@...>
To: <T-368_bc-610@yahoogroups.com>
Sent: Thursday, June 03, 2004 1:02 AM
Subject: [T-368_BC-610] Choke for T3 RF deck mods

> Ok, T3 mod experts: I want to do the standard RF deck mods (reduction of
> shunt capacitance) but it appears that B&W 800 chokes are like hen's
teeth.
> B&W will cheerfully sell me a new 110 uH 802 (supposedly re-designed to be
> trouble-free on the upper bands, unlike the 800), but for (gag) $75.
>
> As a more economical alternative, I have in hand a large NOS choke
> originally intended for an 8877 amp. It's a stout choke, 1" diameter,
about
> 7 inches long on a ceramic core, but is only 95 uH vice the 110 uH of a
B&W
> 802. It should easily carry an amp plus some. I want to be sure I can
still
> fire up full bore on 160 through 20 after this mod without worrying about
> letting the smoke out of something. Of course, above 20M I couldn't care
> less. Any reason this choke shouldn't work just fine for the T3 rf deck
> mods?
>
> Thanks,
> Jerry W5KP
>
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> Yahoo! Groups Links
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>

# 2022. Re: [T-368_BC-610] Choke for T3 RF deck mods

Yahoo group: T-368_BC-610
Date: 2004-06-03 16:38:21 UTC
From: w7qho@aol.com
Topic: 2018  Message: 2022

Jerrry,

Check out the plate choke offered by RF Parts <
http://www.rfparts.com/choke.html>

1.5A, 225 uH, $24.95

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2023. RE: [T-368_BC-610] Choke for T3 RF deck mods

Yahoo group: T-368_BC-610
Date: 2004-06-03 16:42:13 UTC
From: Bruce J. Howes
Topic: 2018  Message: 2023

Wow, neat link Dennis!

Much better than somebody's home job for $50.

Nice assort of product!
I'll keep that one.

Tnx,
Bruce W1UJR

Atlantic Motorcar Services
<mailto:bruce@...> bruce@...
fon 866.EURO.SPEC
fon 207.882.9969
fax 207.882.9940
<http://www.atlanticmotorcar.com/> www.atlanticmotorcar.com

---

From: w7qho@... [mailto:w7qho@...]
Sent: Thursday, June 03, 2004 12:38 PM
To: w5kp@...; T-368_bc-610@yahoogroups.com
Subject: Re: [T-368_BC-610] Choke for T3 RF deck mods

Jerrry,

Check out the plate choke offered by RF Parts <
http://www.rfparts.com/choke.html>

1.5A, 225 uH, $24.95

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

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/S=1705034690:HM/EXP=1086367118/A=2164330/R=0/SIG=11eamf8g4/*http://www.netf
lix.com/Default?mqso=60183350> click here

<http://us.adserver.yahoo.com/l?M=298184.5022502.6152625.3001176/D=groups/S=
:HM/A=2164330/rand=482283849>

---

Yahoo! Groups Links

* To visit your group on the web, go to:
http://groups.yahoo.com/group/T-368_BC-610/

* To unsubscribe from this group, send an email to:
T-368_BC-610-unsubscribe@yahoogroups.com
<mailto:T-368_BC-610-unsubscribe@yahoogroups.com?subject=Unsubscribe>

* Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service
<http://docs.yahoo.com/info/terms/> .

[Non-text portions of this message have been removed]

# 2024. Re: [Milsurplus] GRC-9 AC Power supply

Yahoo group: T-368_BC-610
Date: 2004-06-03 16:58:42 UTC
From: w7qho@aol.com
Topic: 2024  Message: 2024

> In a message dated 5/25/04 6:19:24 PM, ross@... writes:
>
>
>
>  Does anyone know where the PP-327 AC supply was meant to be used?
> I've seen in one of the TMs a pic of an application that did use the
> PP-327, but I could not make heads or tails of the install or of it's
> usage.
>
>
Dave,

In looking through my manual on the PP-337 (TM 11-5070, Septeber 1955) I note a picture of a steel mounting rack for the GRC-9 and the supply. The text calls this as a "mounting bracket" for use in Operations Center AN/MTQ-1 (TM 11-5550). This ring any bells?

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2025. Re: [T-368_BC-610] Choke for T3 RF deck mods

Yahoo group: T-368_BC-610
Date: 2004-06-03 16:53:45 UTC
From: Jerry Kincade
Topic: 2018  Message: 2025

I like the price and all the specs (225 uH?? - wow) with the possible exception of the 4 KV rating... Is that enough for a T-3 at full "peak voltage" tilt? If so, this would certainly be the deal.
Jerry W5KP

----- Original Message -----
From: <W7QHO@...>
To: <w5kp@...>; <T-368_bc-610@yahoogroups.com>
Sent: Thursday, June 03, 2004 11:38 AM
Subject: Re: [T-368_BC-610] Choke for T3 RF deck mods

> Jerrry,
>
> Check out the plate choke offered by RF Parts <
> http://www.rfparts.com/choke.html>
>
> 1.5A, 225 uH, $24.95
>
> Dennis D. W7QHO
> Glendale, CA
>

# 2026. Re: [T-368_BC-610] Choke for T3 RF deck mods

Yahoo group: T-368_BC-610
Date: 2004-06-03 17:13:25 UTC
From: w7qho@aol.com
Topic: 2018  Message: 2026

In a message dated 6/3/04 9:56:12 AM, w5kp@... writes:

> I like the price and all the specs (225 uH?? - wow) with the possible
> exception of the 4 KV rating... Is that enough for a T-3 at full "peak
> voltage" tilt? If so, this would certainly be the deal.
>
Should be OK, not sure just what the voltage rating on an RF choke means anyway. If the lug on the bottom looks too close too the chassis just mount the whole thing on a standoff insulator.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2027. Re: [T-368_BC-610] Choke for T3 RF deck mods

Yahoo group: T-368_BC-610
Date: 2004-06-03 22:00:17 UTC
From: Tom Mackie
Topic: 2018  Message: 2027

I installed this Choke in my T-3 a couple of years ago when I modified the RF deck.
It works well on 160 and up and seems to handle the voltages with no sweat.
The ceramic insulator has a threaded center so I mounted it on end near the 4-400.

Tom
W2ILA

-----Original Message-----
From: Jerry Kincade [mailto:w5kp@...]
Sent: Thursday, June 03, 2004 12:54 PM
To: W7QHO@...; T-368_bc-610@yahoogroups.com
Subject: [***SPAM***] - Re: [T-368_BC-610] Choke for T3 RF deck mods -
Found word(s) check out email in the Text body.

I like the price and all the specs (225 uH?? - wow) with the possible
exception of the 4 KV rating... Is that enough for a T-3 at full "peak
voltage" tilt? If so, this would certainly be the deal.
Jerry W5KP

----- Original Message -----
From: <W7QHO@...>
To: <w5kp@...>; <T-368_bc-610@yahoogroups.com>
Sent: Thursday, June 03, 2004 11:38 AM
Subject: Re: [T-368_BC-610] Choke for T3 RF deck mods

> Jerrry,
>
> Check out the plate choke offered by RF Parts <
> http://www.rfparts.com/choke.html>
>
> 1.5A, 225 uH, $24.95
>
> Dennis D. W7QHO
> Glendale, CA
>

Yahoo! Groups Links

# 2028. FW: BC-610 data

Yahoo group: T-368_BC-610
Date: 2004-06-05 16:50:32 UTC
From: WF2U
Topic: 2028  Message: 2028

Hello Group,

Could anyone do a quick measurement of the BC-610 outside dimensions?

This guy in Russia is working on salvaging an SCR-399. He needs it to figure out how to transport the stuff.

Here is the forwarded mail from UA1OSM.

Thanks,

73, Meir WF2U
Gowensville, SC

-----Original Message-----
From: ua1osm [mailto:ua1osm@...]
Sent: Friday, June 04, 2004 3:18 AM
To: Pete McCollum; William L Howard
Cc: wf2u@...; Hue Miller
Subject: BC-610 data

Dear friends,

Quite fresh, working and complete BC-610/HT4 WWII transmitter etc. content of SCR-399 truck was found in Ural taiga remote site.
Wud you remind me the sizes and weight of BC-610 case?

73

You are requested to reply from the same ?-address, which you got this message to.
????? ???????? ?????? ? ?-??????, ?? ??????? ???? ?????????? ??? ?????????.

U A 1 O S M Serge N. Matveyev
A N K A Short Wave Association
http://www.qrz.ru/callsign.phtml?callsign=UA1OSM
e-mail: ua1osm@...
P. O. Box 88 Arkhangelsk C. P. O. 163000
7(8182)202288 private

# 2029. t368-c

Yahoo group: T-368_BC-610
Date: 2004-06-06 12:21:09 UTC
From: Gary and Pat
Topic: 2029  Message: 2029

Iam looking for a t368c that is in good working condition, and good shape. I live in north west Ohio. 73

# 2030. TEST!

Yahoo group: T-368_BC-610
Date: 2004-06-08 17:47:09 UTC
From: brronk777@aol.com
Topic: 2030  Message: 2030

[Non-text portions of this message have been removed]

# 2031. Need back panel for T-368

Yahoo group: T-368_BC-610
Date: 2004-06-10 02:38:36 UTC
From: doran platt
Topic: 2031  Message: 2031

I'm looking for a back panel for my T-368. It was used by MARS years back and they had a wooden panel with fans mounted to it. Be nice to button this one up with a metal panel...hi!!! Tnx de Jeep/K3HVG

# 2032. Re: [T-368_BC-610] Need back panel for T-368

Yahoo group: T-368_BC-610
Date: 2004-06-10 05:51:10 UTC
From: w7qho@aol.com
Topic: 2031  Message: 2032

In a message dated 6/9/04 8:06:59 PM, jeepp@... writes:

> I'm looking for a back panel for my T-368.  It was used by MARS years
> back and they had a wooden panel with fans mounted to it.  Be nice to
> button this one up with a metal panel...hi!!!
>

They run just fine without anything on back at all.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2033. T-368 RF Decks available in Oregon

Yahoo group: T-368_BC-610
Date: 2004-06-10 10:45:52 UTC
From: kx4r
Topic: 2033  Message: 2033

Here is a post I found on Ka9FOX's Swap site.
Thought somebody on the west coast could rescue these !
73, Greg KX4R

T-368 Power RF Deck
I have 2 of the Power RF Decks. They are complete with the 4-400 still installed. All parts are in very good condition including the fan and exciter. These are the top section that slides into the case. I will sell or trade both or one. If I dont sell or trade them Ill dissect them for parts. I live in Klamath Falls, OR. Pickup only. Make an reasonable offer.
73 Dan N0FQN

Listing #416481 - Submitted on 6/9/04 by Callsign N0FQN
Click Here to Email

# 2034. Re: [T-368_BC-610] Need back panel for T-368

Yahoo group: T-368_BC-610
Date: 2004-06-10 13:01:09 UTC
From: Jerry Kincade
Topic: 2031  Message: 2034

I kind of wondered about that - I've been running my T3 sans rear panel because I've been fooling with the mod deck so much and it's a pain to pop 600 dzus fasteners and unwire the blower every time I want to run some tests. I was a little worried this practice would cause something to heat up in the power supply or mod deck, but nothing at all out of the ordinary has been noticed. I suspect the lower blower is overkill for intermittent ham use of a military transmitter built to run key-down 24/7, as long as the rear panel is removed so some convection cooling can happen. Of course, you have to be exercise caution not to fry the cat, the grandkids, or the technician.

BTW, I have read posts where folks have found exact replacement blower motor bearings "for 98 cents each" or some such. Encouraged, I set out to replace mine, not because they are bad, but just because they are 50 years old. Two large bearing distributors in Oklahoma City spent about two weeks trying to cross part numbers to find exact replacements with no success. Their consensus of opinion is this blower motor was custom built under a Crosley government subcontract, and the bearings were an odd size, even for back then. They are 8 mm bore x 22 mm diameter x 12 mm width (foreign bearings?), and nobody has found anything that will work without some custom machining of the end caps or the like, which would quickly turn this into a $200 bearing replacement. If they do get noisy, I'll replace the whole motor instead for about $60 or so. For those who have good 'ol standard size bearings in their blowers, congratulations.

Jerry W5KP

----- Original Message -----
From: <w7qho@...>
To: <jeepp@...>; <T-368_BC-610@yahoogroups.com>
Sent: Thursday, June 10, 2004 12:51 AM
Subject: Re: [T-368_BC-610] Need back panel for T-368

In a message dated 6/9/04 8:06:59 PM, jeepp@... writes:

> I'm looking for a back panel for my T-368. It was used by MARS years
> back and they had a wooden panel with fans mounted to it. Be nice to
> button this one up with a metal panel...hi!!!
>

They run just fine without anything on back at all.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

Yahoo! Groups Links

# 2035. Re: [T-368_BC-610] Need back panel for T-368

Yahoo group: T-368_BC-610
Date: 2004-06-10 13:20:41 UTC
From: Rbethman
Topic: 2031  Message: 2035

Jerry,

Try looking up Boca Bearings in FL.

It sounds right up there alley!

We get our metric sized R/C bearings through them.

Bob - N0DGN

Jerry Kincade wrote:

>I kind of wondered about that - I've been running my T3 sans rear panel
>because I've been fooling with the mod deck so much and it's a pain to pop
>600 dzus fasteners and unwire the blower every time I want to run some
>tests. I was a little worried this practice would cause something to heat up
>in the power supply or mod deck, but nothing at all out of the ordinary has
>been noticed. I suspect the lower blower is overkill for intermittent ham
>use of a military transmitter built to run key-down 24/7, as long as the
>rear panel is removed so some convection cooling can happen. Of course, you
>have to be exercise caution not to fry the cat, the grandkids, or the
>technician.
>
>BTW, I have read posts where folks have found exact replacement blower motor
>bearings "for 98 cents each" or some such. Encouraged, I set out to replace
>mine, not because they are bad, but just because they are 50 years old. Two
>large bearing distributors in Oklahoma City spent about two weeks trying to
>cross part numbers to find exact replacements with no success. Their
>consensus of opinion is this blower motor was custom built under a Crosley
>government subcontract, and the bearings were an odd size, even for back
>then. They are 8 mm bore x 22 mm diameter x 12 mm width (foreign bearings?),
>and nobody has found anything that will work without some custom machining
>of the end caps or the like, which would quickly turn this into a $200
>bearing replacement. If they do get noisy, I'll replace the whole motor
>instead for about $60 or so. For those who have good 'ol standard size
>bearings in their blowers, congratulations.
>
>Jerry W5KP
>
>----- Original Message -----
>From: <w7qho@...>
>To: <jeepp@...>; <T-368_BC-610@yahoogroups.com>
>Sent: Thursday, June 10, 2004 12:51 AM
>Subject: Re: [T-368_BC-610] Need back panel for T-368
>
>

>
>In a message dated 6/9/04 8:06:59 PM, jeepp@... writes:
>
>
>
>
>>I'm looking for a back panel for my T-368. It was used by MARS years
>>back and they had a wooden panel with fans mounted to it. Be nice to
>>button this one up with a metal panel...hi!!!
>>
>>
>>
>
>They run just fine without anything on back at all.
>
>Dennis D. W7QHO
>Glendale, CA
>
>
>[Non-text portions of this message have been removed]
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< Bob Bethman - N0DGN
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| N0DGN AMRadio Manassas, VA | REAL Tube Radio and AM |
+----------------------------+--------------------------------+
| Manassas Radio - Home of Homemade Kielbasa & Pirogi |
+----------------------------+--------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| <rbethman@...> \\ ~ ~ // signal does *NOT* mean |
| (/ @ @ /) that everything is OK " |
+-------------------------oOOo-(_)-oOOo---------------------------+
| <http://home.comcast.net/~rbethman> |
| 1 BC-610I w/BC-614I,1 T-213/GRC-26 w/BC614I 1 '51 Collins R-390A |
| 1 '67 EAC R-390A, Heathkit DX-60, Apache, Mohawk, SX-101, HT-32A |
+-----------------------------------------------------------------+
| Amateur Astronomer - Celestron Nexstar 8 |
| 12" f5 Dob coming soon! Being built |
| Meade ETX-60 (Got it back!) |
| 38 Deg 46.8' N - 77 Deg 28.5' W |
+-----------------------------------------------------------------+
| Opinions expressed are that of my own and do not necessarily |
| coincide with or represent those of ANYONE else |
+-----------------------------------------------------------------+
ALL E-mail received and sent scanned by AVG & Norton Anti-Virus>

[Non-text portions of this message have been removed]
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# 2036. T-368 questions

Yahoo group: T-368_BC-610
Date: 2004-06-12 19:48:12 UTC
From: doran platt
Topic: 2036  Message: 2036

Just got my T-368 up and running.. 350+ watts out, no problem, and good modulation via a D-104 and bypassing the audio filters. Now a couple of questions. At 350 watts out (Bird) the plate reads about 150-160ma. Given the B+ and the expected efficiency, something doesn't add up? Meter cal is fine.. I did a series comparison. Could it be that my B+ is too high with a 120v input? Might I use the other taps on the primary of the HV Xformer? This is an "A" model with that feature. Next, my fan is sounding pretty horrible. I've had to rap it a couiple of times to get it going, but mostly it runs but sounds like an elephant in pain. I did remove it a tried to get some oil in the live end, but no joy on actually fixing it. Can these fans be disassembled and, if so, can you get them back together..hi! Finally, I (or someone) broke the 2K 37w resistor in the mod bias divider chain. I replaced it with a similar mountigg type but half (it would appear) the power rating (maybe 25 watts). I calculated the current in the divider and got a heck of a lot less than 37 watts!! The mod bias pot isn't a high wattage component, either... so I think I'm OK?? Any comments on the aforementioned would be most appreciated. If anyone has a spare base (with the long legs) they've removed and no longer need, I could use it. Tnx much de K3HVG

# 2037. Re: [T-368_BC-610] T-368 questions

Yahoo group: T-368_BC-610
Date: 2004-06-13 00:24:08 UTC
From: w7qho@aol.com
Topic: 2036  Message: 2037

In a message dated 6/12/04 12:41:52 PM, jeepp@... writes:

> Just got my T-368 up and running.. 350+ watts out, no problem, and good
> modulation via a D-104 and bypassing the audio filters.  Now a couple of
> questions.  At 350 watts out (Bird) the plate reads about 150-160ma.
> Given the B+ and the expected efficiency, something doesn't add up?
>

Jeep,

Have you measured the plate voltage (be careful!). The power transformer in your A model has a 6350 volt (CT) secondary and at 120 vac in your B+ should be running around 2800 vdc. At 160 ma plate current this comes to 440 watts in and at 350 out the efficiency would be 80%. Just about right. Plate voltage well within the specs of the PA and modulator components. Nothing to worry about, just enjoy.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2038. Re: [T-368_BC-610] T-368 questions

Yahoo group: T-368_BC-610
Date: 2004-06-13 01:13:31 UTC
From: Joe Foley
Topic: 2036  Message: 2038

> 
> Next, my fan is sounding pretty horrible. I've had
> to rap it a couiple
> of times to get it going, but mostly it runs but
> sounds like an elephant
> in pain. I did remove it a tried to get some oil in
> the live end, but
> no joy on actually fixing it. Can these fans be
> disassembled and, if
> so, can you get them back together..hi!
++++++++++
Yes, most of them can be rebuilt easily. They have
sealed bearings so trying to lube them is a lost cause
without removing the bearing cover. You might as well
rebuild both of them and be done with it. I was able
to pull the bearings off with my fingers, but they
were tight, you may need a puller. A press to install
them would be good, too.

Joe

---
Do you Yahoo!?
Friends. Fun. Try the all-new Yahoo! Messenger.
http://messenger.yahoo.com/

# 2039. WTB BC-342-N ID plate

Yahoo group: T-368_BC-610
Date: 2004-06-14 14:08:58 UTC
From: N6WIG
Topic: 2039  Message: 2039

I'm looking for an ID plate for a BC-342-N. Just got a nice one but it is missing the ID/name plate. Also would like to find some of the jack covers as well. In anyone has a junker they would like to part with or just the parts, let me know.
I live in San Jose, Ca so if you are local I can pick them up.

Thanks,

Mike

# 2040. Last T-368 Question (I hope...)

Yahoo group: T-368_BC-610
Date: 2004-06-14 20:56:23 UTC
From: k3hvg03
Topic: 2040  Message: 2040

One last question on getting my T-368 up and running, sans problems. It appears that the VFO (buffers too?)is/are more or less free running in my "A" model. When un-keyed, I get (of course) no grid drive nor IPA current. However, I get a 30db signal in the accompanying R-390A. When keyed, I note that this signal is appropriatly much stronger (no HV ). The problem may be intermittant in that I used the tx on a net this weekend and didn't notice the problem. I/we did note it during initial tests, but didn't pay too much attention. Any leads on this? Tnx de Jeep/K3HVG

# 2041. Re: [T-368_BC-610] Last T-368 Question (I hope...)

Yahoo group: T-368_BC-610
Date: 2004-06-15 19:47:12 UTC
From: r391
Topic: 2040  Message: 2041

The military had a "fix" for this and I wrote it up back in 1999...

http://home.att.net/~r391/www_ott/mwo_3.htm

The link above assumes that ur T-3 is working properly...

Ott

At 04:56 PM 6/14/2004, you wrote:
>One last question on getting my T-368 up and running, sans problems.
>It appears that the VFO (buffers too?)is/are more or less free running
>in my "A" model. When un-keyed, I get (of course) no grid drive nor
>IPA current. However, I get a 30db signal in the accompanying R-390A.
> When keyed, I note that this signal is appropriatly much stronger (no
>HV ). The problem may be intermittant in that I used the tx on a net
>this weekend and didn't notice the problem. I/we did note it during
>initial tests, but didn't pay too much attention. Any leads on this?
> Tnx de Jeep/K3HVG
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>Yahoo! Groups Links
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# 2042. Re: [T-368_BC-610] Last T-368 Question (I hope...)

Yahoo group: T-368_BC-610
Date: 2004-06-15 20:01:11 UTC
From: James M. Walker
Topic: 2040  Message: 2042

Jeep,
do you have the T-368 manual with the change notifications in it?
If not I have the complete manuals 10, 20 , 35 for the T-368 I
can send them to you if your mail will allow large files, they are
in PDF (Adobe) format. Or you can go to my site and select military
and T-368 they are available at the top of the page.
Jim
WB2FCN
http://eshop1.chem.buffalo.edu

----- Original Message -----
From: "r391" <r391@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Tuesday, June 15, 2004 3:47 PM
Subject: Re: [T-368_BC-610] Last T-368 Question (I hope...)

> The military had a "fix" for this and I wrote it up back in 1999...
>
> http://home.att.net/~r391/www_ott/mwo_3.htm
>
> The link above assumes that ur T-3 is working properly...
>
> Ott
>
>
> At 04:56 PM 6/14/2004, you wrote:
> >One last question on getting my T-368 up and running, sans problems.
> >It appears that the VFO (buffers too?)is/are more or less free running
> >in my "A" model. When un-keyed, I get (of course) no grid drive nor
> >IPA current. However, I get a 30db signal in the accompanying R-390A.
> > When keyed, I note that this signal is appropriatly much stronger (no
> >HV ). The problem may be intermittant in that I used the tx on a net
> >this weekend and didn't notice the problem. I/we did note it during
> >initial tests, but didn't pay too much attention. Any leads on this?
> > Tnx de Jeep/K3HVG
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> Yahoo! Groups Links
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# 2043. Send your Comment to the FCC about BPL

Yahoo group: T-368_BC-610
Date: 2004-06-16 15:27:44 UTC
From: Mark Foltarz
Topic: 2043  Message: 2043

Here we go...

1 . goto http://gullfoss2.fcc.gov/prod/ecfs/upload_v2.cgi

2. In box 1 enter 04-037

3. Fill in your name address etc.

4. Enter you thoughts on BPL in the comments section (Send a Brief Comment to FCC (typed-in) ) perhaps something like :

In Writing, I wish to persuade the FCC from allowing BPL to be implemented. The destruction or at the least, deterioration of the shortwave bands is not only a violation of ITU laws that protect international broadcasters from interference and jamming, it will be destroying many people's life hobby. Amateur radio will be reduced to users with high-power amplifiers and large antennas. Emergency communications will be hindered to levels directly responsible for the loss of life. Also, this will hinder military HF comms reducing national security

There are many technologies that make BPL unnecessary. BPL will never be able to carry the high bandwidth demands for mass distribution of video much less the up-and-coming HDTV.

Thank You!

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Do you Yahoo!?
Yahoo! Mail - Helps protect you from nasty viruses.
http://promotions.yahoo.com/new_mail

# 2044. Correction to Case # - Send your Comment to the FCC about BPL

Yahoo group: T-368_BC-610
Date: 2004-06-16 18:34:18 UTC
From: Mark Foltarz
Topic: 2044  Message: 2044

The case is 04-37

Here we go...

1 . goto http://gullfoss2.fcc.gov/prod/ecfs/upload_v2.cgi

2. In box 1 enter 04-37

3. Fill in your name address etc.

4. Enter you thoughts on BPL in the comments section (Send a Brief Comment to FCC (typed-in) ) perhaps something like :

In Writing, I wish to persuade the FCC from allowing BPL to be implemented. The destruction or at the least, deterioration of the shortwave bands is not only a violation of ITU laws that protect international broadcasters from interference and jamming, it will be destroying many people's life hobby. Amateur radio will be reduced to users with high-power amplifiers and large antennas. Emergency communications will be hindered to levels directly responsible for the loss of life. Also, this will hinder military HF comms reducing national security

There are many technologies that make BPL unnecessary. BPL will never be able to carry the high bandwidth demands for mass distribution of video much less the up-and-coming HDTV.

Thank You!

---------------------------------
Do you Yahoo!?
New and Improved Yahoo! Mail - 100MB free storage!
http://promotions.yahoo.com/new_mail

# 2045. Seen at Rochester Hamfest:

Yahoo group: T-368_BC-610
Date: 2004-06-17 01:54:26 UTC
From: redmenaced
Topic: 2045  Message: 2045

A Tune and Load turns counter panel for a T-368, priced at $40, no dealer in sight! Had both counters and gears, too.

Came back later he, and the panel, were GONE!

No idea who it was, was anyone lucky enough to make a good deal on it?

NO other T-3 booty in sight.

NOT SEEN at the Hamfest:

Gene Beckwith, W8KXR, his E-mail has been bouncing for months, anyone know where he went? Anyone seen, heard from, got a clue?

The weather was EXCELLENT!

Joe KG2CI

# 2046. T-368 6000 tube source

Yahoo group: T-368_BC-610
Date: 2004-06-22 16:33:23 UTC
From: k3hvg03
Topic: 2046  Message: 2046

I understand that 6000 tubes are hard to find. I've found 2 sources that purport to have them, one of which is Antique Electronic. They list the tube as a triode but when asked, they confirm its a Tung Sol beam power tube. It would appear this is the requisite article, or at least I hope so... I ordered 2 of them! I'll let all know if it works out.

# 2047. ER DEADLINE FOR SAYING THANKS TO BARRY & SHIRLEY WISEMAN

Yahoo group: T-368_BC-610
Date: 2004-06-23 01:16:18 UTC
From: W6PSS@aol.com
Topic: 2047  Message: 2047

Hi, AM Community!
Please give this a moment ur valuable time.
Time's running out for our opportunity to wish Barry N6CSW & wife Shirley farewell as they return to Barry's native Canada. Electric Radio's Ed. Ray N0DMS has graciously agreed in making as much room as necessary in this issue for you and me to publicly express our appreciation and Farewell to the founders of the magazine. Just a few lines will do. Ray will combine them into a send off tribute. He'll make as much room as necessary! But the deadline is very near! Today or tomorrow, at the latest!
Some may say, "Barry hasn't died and gone to heaven" although some might consider Vancouver Island BC to be in its midst. But you may view things differently when you consider that your tribute will coincide with their actual move to Canada. In fact, they're packed & waiting for close of escrow!
Please send in a few lines tonight or tomorrow at the latest. Your comments will be expedited by
using following ER email ad. 1editor@...
Thanks each of you your kind consideration these fine folks. Tnx too to ER Ed.
AM FOREVER!
david

[Non-text portions of this message have been removed]

# 2048. CORRECTION ON ER FAST EMAIL ADDRESS!!!

Yahoo group: T-368_BC-610
Date: 2004-06-23 03:42:07 UTC
From: W6PSS@aol.com
Topic: 2048  Message: 2048

SORRY BUT CORRECT EMAIL ADDRESS FOR ER FAST DELIVERY IS:
1editor2@...

AGAIN, ME SORRY & TNX UR COMMENTS on
BARRY.
73 DAVID

[Non-text portions of this message have been removed]

# 2049. T-368 JAN-6000 Tube source - confirmed

Yahoo group: T-368_BC-610
Date: 2004-06-24 21:29:25 UTC
From: k3hvg03
Topic: 2049  Message: 2049

OK, gents.. I got the first 2 tubes from Electon Valve, Memphis, TN. They are both NIB/NOS Tung Sol, JAN, mfg date 1962, original box, et al. The TV-7D min value is 34. One checked at 55, the other about 40. Both OK, although divergent in values. I'm sure they'll work OK, though. I've not received the 2 from Antique yet. If there's a rub I'll let everyone know. Both entities charge $34.95 for the tube. Not great, but better than re-engineering...maybe? de K3HVG

# 2050. Re: [T-368_BC-610] T-368 JAN-6000 Tube source - confirmed

Yahoo group: T-368_BC-610
Date: 2004-06-25 00:35:24 UTC
From: w7qho@aol.com
Topic: 2049  Message: 2050

In a message dated 6/24/04 2:32:29 PM, jeepp@... writes:

> Both entities charge $34.95 for the tube.
> Not great, but better than re-engineering...maybe?
>

The following originally posted 2-5-01

"The 25AV5 TV tube works well as a substitute for the 6000. Same pin-out as the 6000 but don't just plug it straight in because the plate current will be too high. The screen circuit must be modified by replacing R120 (the original screen dropping resistor) with a 15K 10W unit and adding a 25K ww pot to ground. The screen is then fed from the arm on the pot which I mounted on a bracket behind the front panel. Adjusting the pot for 25 - 30 ma driver plate current gives 10-12 ma drive to the 4-400 on all bands.

I modified my Basic as above several years ago when 6000s were very hard to find, and have been using it regularly with the original 25AV5 in place ever since."

25AV5s go for about $7 last time I checked.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2051. RE: [T-368_BC-610] T-368 JAN-6000 Tube source - confirmed

Yahoo group: T-368_BC-610
Date: 2004-06-25 01:00:32 UTC
From: Mike Feher
Topic: 2049  Message: 2051

I have had a 25AV5 in my T-368F for about 13 years now. I do not remember changing any of the circuitry, but, I may have had to do some retuning of the exciter section. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-901-9193

-----Original Message-----
From: w7qho@... [mailto:w7qho@...]
Sent: Thursday, June 24, 2004 8:35 PM
To: jeepp@adelphia.net; T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] T-368 JAN-6000 Tube source - confirmed

In a message dated 6/24/04 2:32:29 PM, jeepp@... writes:

> Both entities charge $34.95 for the tube.
> Not great, but better than re-engineering...maybe?
>

The following originally posted 2-5-01

"The 25AV5 TV tube works well as a substitute for the 6000. Same pin-out as the 6000 but don't just plug it straight in because the plate current will be too high. The screen circuit must be modified by replacing R120 (the original screen dropping resistor) with a 15K 10W unit and adding a 25K ww pot to ground. The screen is then fed from the arm on the pot which I mounted on a bracket behind the front panel. Adjusting the pot for 25 - 30 ma driver plate current gives 10-12 ma drive to the 4-400 on all bands.

I modified my Basic as above several years ago when 6000s were very hard to find, and have been using it regularly with the original 25AV5 in place ever since."

25AV5s go for about $7 last time I checked.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

Yahoo! Groups Links

# 2052. Re: [T-368_BC-610] T-368 JAN-6000 Tube source - confirmed

Yahoo group: T-368_BC-610
Date: 2004-06-25 04:56:19 UTC
From: w7qho@aol.com
Topic: 2049  Message: 2052

In a message dated 6/24/04 6:01:12 PM, n4fs@... writes:

> I have had a 25AV5 in my T-368F for about 13 years now. I do not remember
> changing any of the circuitry, but, I may have had to do some retuning of
> the exciter section. 73 - Mike
>
Mike,

Well, yes, I've heard reports of people using the 25AV5 successfully as a direct substitution, no mods. I tried this first and observed high plate currents on key-down (don't remember the exact figure but was concerned about plate diss). Also saw approx. 20ma of plate current continuing to flow on key-up. Results might not be the same for all rigs, I guess. Easiest thing to do is stick one in and see what happens. Unlikely to cause damage if test is kept short. I've been using my 'AV5 for about as long as you have.

73,

DD

[Non-text portions of this message have been removed]

# 2053. Re: [T-368_BC-610] T-368 JAN-6000 Tube source - confirmed

Yahoo group: T-368_BC-610
Date: 2004-06-26 10:27:11 UTC
From: polaraligned
Topic: 2049  Message: 2053

I guess I got taken. I paid $80 for a JAN-6000 NOS from
Fair Radio. Guess they are not so fair after all.

Scott

----- Original Message -----
From: k3hvg03
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, June 24, 2004 5:29 PM
Subject: [T-368_BC-610] T-368 JAN-6000 Tube source - confirmed

OK, gents.. I got the first 2 tubes from Electon Valve, Memphis, TN.
They are both NIB/NOS Tung Sol, JAN, mfg date 1962, original box, et
al. The TV-7D min value is 34. One checked at 55, the other about
40. Both OK, although divergent in values. I'm sure they'll work OK,
though. I've not received the 2 from Antique yet. If there's a rub
I'll let everyone know. Both entities charge $34.95 for the tube.
Not great, but better than re-engineering...maybe? de K3HVG

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a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/T-368_BC-610/

b.. To unsubscribe from this group, send an email to:
T-368_BC-610-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 2054. Re: [T-368_BC-610] T-368 JAN-6000 Tube source - confirmed

Yahoo group: T-368_BC-610
Date: 2004-06-26 13:49:36 UTC
From: Jerry Kincade
Topic: 2049  Message: 2054

Naw, you can do worse than that, just buy everything from good 'ol Surplus Sales of Nebraska. At least Fair Radio pretty much prices according to demand. At SSN *everything* is priced like it's the last one on the planet.
73, Jerry W5KP

----- Original Message -----
From: "polaraligned" <polaraligned@...>
To: "k3hvg03" <jeepp@...>; <T-368_BC-610@yahoogroups.com>
Sent: Saturday, June 26, 2004 5:27 AM
Subject: Re: [T-368_BC-610] T-368 JAN-6000 Tube source - confirmed

> I guess I got taken. I paid $80 for a JAN-6000 NOS from
> Fair Radio. Guess they are not so fair after all.
>
> Scott
>
>
>

# 2055. Prices??

Yahoo group: T-368_BC-610
Date: 2004-06-30 03:09:44 UTC
From: redmenaced
Topic: 2055  Message: 2055

Gee, I got two pair just like these for $7!!

http://cgi.ebay.com/ws/eBayISAPI.dll?
ViewItem&category=25422&item=2253795907&rd=1

Must be rare on his planet,

Joe

# 2056. Re: [Milsurplus] BC-610-E for $800.00, can deliver. See fine print!

Yahoo group: T-368_BC-610
Date: 2004-07-08 02:48:44 UTC
From: Joe Foley
Topic: 2056  Message: 2056

antqradio@...

--- antqradio@... wrote:
> BC-610-E, S/N 539
> Added coaxial LPF and T/R relay on rear, RFI
> screening on meters, copper
> strapping on top access doors, added UHF RF output
> connector on left side
> panel, added UHF connector for VFO input on right
> side panel, RF
> decoupling (in mini-boxes) added to Audio and AC
> power connectors on back
> panel. All of the above mods done to the highest
> work standards, looks
> professionally done. Paint in great shape, no added
> holes in front
> panel. Light rust on some hardware and
> transformers, dust in the usual
> hard to reach places. No rodent droppings noted.
> Power Supply and
> Modulator chassis paint in good shape. Four casters
> added to stock
> mounting ;-). Has all tubes, working condition
> unknown,
>
> BC-614-E, S/N 882
> Other then the 0 to 300 mA meter which has a cracked
> case and missing
> glass, all appears stock.
>
> Including:
> Cable with connectors for connecting BC-614 to
> BC-610
> Three PA coil assemblies
> Three Tuning units
> D-104 mike
> Well worn copy of TM11-281 (SCR-399, 499)
>
> Fine print
> Willing to transport @ $0.15 per mile for gas, pain
> and suffering from
> ZIP 71913 a reasonable distance.
> Available for transport to Oklahoma City Hamfest
> later this month.
> Digital pictures available to interested parties (or

> the curious).
>
> Regards,
> Jim
> _____
> Milsurplus mailing list
> Milsurplus@...
> http://mailman.qth.net/mailman/listinfo/milsurplus
>

_____
Do you Yahoo!?
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http://promotions.yahoo.com/new_mail

# 2057. 250TH Prices

Yahoo group: T-368_BC-610
Date: 2004-07-10 21:48:13 UTC
From: wa5cab@cs.com
Topic: 2057  Message: 2057

Group,

What's the current going price for good used 250TH's?

73
Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2058. Re: [T-368_BC-610] 250TH Prices

Yahoo group: T-368_BC-610
Date: 2004-07-10 22:22:37 UTC
From: Rbethman
Topic: 2057  Message: 2058

Robert,

They seem to go for $50 and up from there.

Bob - N0DGN

wa5cab@... wrote:

>Group,
>
>What's the current going price for good used 250TH's?
>
>73
>Robert Downs - Houston
><http://www.wa5cab.com> (Web Store)
><wa5cab@...> (Primary email)
><wa5cab@...> (Backup email)
>
>
< Bob Bethman - N0DGN
+-------------------------------+----------------------------------+
| N0DGN AMRadio Manassas, VA | REAL Tube Radio and AM |
+-------------------------------+----------------------------------+
| Manassas Radio - Home of Homemade Kielbasa & Pirogi |
+-------------------------------+----------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| rbethman(at)comcast.net \\ ~ ~ // signal does *NOT* mean |
| (/ @ @ /) that everything is OK " |
+-------------------------oOOo-(_)-oOOo-----------------------------+
| <http://home.comcast.net/~rbethman> |
| 1 BC-610I w/BC-614I,1 T-213/GRC-26 w/BC614I 1 '51 Collins R-390A |
| 1 '67 EAC R-390A, Heathkit DX-60, Apache, Mohawk, SX-101, HT-32A |
+-------------------------------------------------------------------+
| Amateur Astronomer - Celestron Nexstar 8 |
| 12" f5 Dob coming soon! Being built |
| Meade ETX-60 (Got it back!) |
| 38 Deg 46.8' N - 77 Deg 28.5' W |
+-------------------------------------------------------------------+
| Opinions expressed are that of my own and do not necessarily |
| coincide with or represent those of ANYONE else |
+-------------------------------------------------------------------+
ALL E-mail received and sent scanned by AVG & Norton Anti-Virus>

# 2059. BC-610E Power plug

Yahoo group: T-368_BC-610
Date: 2004-07-28 21:32:58 UTC
From: Jack Taylor
Topic: 2059  Message: 2059

Does anyone have suggestions on where to obtain a 117VAC power plug that goes to the socket on the modulator deck? Is it recommended to swap out the existing power socket with a 3 prong grounded type? I have a 3 prong socket on hand but appears to be slightly smaller in diameter than the original.

73 de Jack

# 2060. Re: [T-368_BC-610] BC-610E Power plug

Yahoo group: T-368_BC-610
Date: 2004-07-28 23:23:49 UTC
From: Ed Zeranski
Topic: 2059  Message: 2060

>Does anyone have suggestions on where to obtain a 117VAC power plug that
>goes to the socket on the modulator deck?
>73 de Jack

If you want a mil type three pin AC, thread on power plug I have them as
well as the mate.

EdZ

# 2061. Re: [T-368_BC-610] BC-610E Power plug

Yahoo group: T-368_BC-610
Date: 2004-07-29 02:53:43 UTC
From: James M. Walker
Topic: 2059  Message: 2061

Hi Jack and list,
That plug is available from Home Depot, Electrical area. I is yellow,
and
fits the connector perfectly. However if you receptacle has been banged
up
it might be tight, in which case you will need a fine grit sandpaper to
go
over the plug (yellow) to get it to fit the receptacle. I purchased
three
a little while back, used two they work fine and snug right up.
Jim
WB2FCN

Jack Taylor wrote:
>
> Does anyone have suggestions on where to obtain a 117VAC power plug that
> goes to the socket on the modulator deck? Is it recommended to swap out
> the existing power socket with a 3 prong grounded type? I have a 3 prong
> socket on hand but appears to be slightly smaller in diameter than the
> original.
>
> 73 de Jack
>
>
>
> Yahoo! Groups Links
>
>
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>

# 2062. T-3 Silkscreens

Yahoo group: T-368_BC-610
Date: 2004-07-29 22:02:50 UTC
From: ab3l1@aol.com
Topic: 2062  Message: 2062

Hello all,

Is there anybody in the group that has gone thru the task to have screens made up for the T-3?

I have a friend that just became the owner of one in need of a redo. He has a source to have the screens made up but if they are already out there somewhere, no need for duplicates. Perhaps finding them in the East would be better because of the shipping weight on the three panels.

I could use mine redone as well. Any interest out there for getting them made up? His contact can make the screens in about three weeks time.

Let me know and I will pass on the results.

Thanks,

Bob AB3L

[Non-text portions of this message have been removed]

# 2063. Re: [T-368_BC-610] T-3 Silkscreens

Yahoo group: T-368_BC-610
Date: 2004-07-30 05:12:19 UTC
From: Jack Taylor
Topic: 2062  Message: 2063

There's probably a lot of BC-610E models that could use a rescreening. In looking at my faded front panel, appears the panel may have been hand lettered at one time. Question in my mind is whether a new screen would print out crisply over wrinkle paint. I've started to re-wrinkle the cabinet but not really happy with the result. Maybe I'd be better off just to sand it back down and apply a smooth black coat. Comments?

73 de Jack

----- Original Message -----
From: <ab3l1@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Thursday, July 29, 2004 3:02 PM
Subject: [T-368_BC-610] T-3 Silkscreens

Hello all,

Is there anybody in the group that has gone thru the task to have screens made up for the T-3?

I have a friend that just became the owner of one in need of a redo. He has a source to have the screens made up but if they are already out there somewhere, no need for duplicates. Perhaps finding them in the East would be better
because of the shipping weight on the three panels.

I could use mine redone as well. Any interest out there for getting them made up? His contact can make the screens in about three weeks time.

Let me know and I will pass on the results.

Thanks,

Bob AB3L

# 2064. Re: [T-368_BC-610] T-3 Silkscreens

Yahoo group: T-368_BC-610
Date: 2004-07-30 21:42:07 UTC
From: ab3l1@aol.com
Topic: 2062  Message: 2064

In a message dated 7/30/2004 1:13:03 AM Eastern Daylight Time, jack@...
writes:

Question in my mind is whether a new screen
would print out crisply over wrinkle paint. I've started to re-wrinkle
Jack,

It's done all the time with the Collins A-line equipment. The outcome
depends on the screen person doing it.

Bob

[Non-text portions of this message have been removed]

# 2065. Free BC-610E Power Transformer

Yahoo group: T-368_BC-610
Date: 2004-08-02 00:06:25 UTC
From: Bill Feldmann
Topic: 2065  Message: 2065

Hi All,

You BC-610 owners back in the North East listen up, I have a great deal for you.

When I was doing net control duties for the CCA Sunday net Jim, K1QCF, checked in. He knew I had a couple of BC-610's and wanted to let me know he has an earlier open frame power transformer for a BC-610E and earlier BC-610 for free, you just have to pick it up.

He doesn't want it to go to the dump but will not ship it. It's pick up only near Barr Harbor, Main. Jim's phone number is 207-963-2949 and he is also good on QRZ.

I would love to have it myself as a spare for my BC-610E but too far to drive from Palmdale California to Barr Harbor, Main. So this is a great deal for any early BC-610 owner in the north east.

Bill N6PY

# 2066. Re: [T-368_BC-610] Free BC-610E Power Transformer

Yahoo group: T-368_BC-610
Date: 2004-08-02 00:28:09 UTC
From: Ed Zeranski
Topic: 2065  Message: 2066

>I would love to have it myself as a spare for my BC-610E but too far to
>drive from Palmdale California to Barr Harbor, Main.

Too far for a radio ramble?? No way!

EdZ

# 2067. RE: [T-368_BC-610] Free BC-610E Power Transformer

Yahoo group: T-368_BC-610
Date: 2004-08-02 13:04:49 UTC
From: AI2Q
Topic: 2065  Message: 2067

This is a great time of the year to visit Maine, either by land or sea.

Just so you can find it, the place is called Bar Harbor, named after the sandbar that must be traversed when approaching from the water. BTW, the locals pronounce it bah haba.

Vy 73, AI2Q, Alex in Kennebunk, Maine
http://users.adelphia.net/~alexmm/ai2q.htm

.-.-.

-----Original Message-----
From: Ed Zeranski [mailto:ezeran@...]
Sent: Sunday, August 01, 2004 8:28 PM
To: T-368_BC-610 Reflector Postings; Bill Feldmann
Subject: Re: [T-368_BC-610] Free BC-610E Power Transformer

>I would love to have it myself as a spare for my BC-610E but too far to
>drive from Palmdale California to Barr Harbor, Main.

Too far for a radio ramble?? No way!

EdZ

# 2068. [T-368_BC-610] T-3 Silkscreens

Yahoo group: T-368_BC-610
Date: 2004-08-05 00:32:12 UTC
From: ab3l1@aol.com
Topic: 2062  Message: 2068

I could use mine redone as well. Any interest out there for getting them made up? His contact can make the screens in about three weeks time.

Let me know and I will pass on the results.

Thanks,

Bob AB3L

Well, the results are in and there wasn't any interest or any reference to anybody that already has them. I'll leave it at that for now.

Enjoy the rest of the Summer.

Bob AB3L

[Non-text portions of this message have been removed]

# 2069. Hallicrafters PS ID

Yahoo group: T-368_BC-610
Date: 2004-08-10 20:23:21 UTC
From: w7qho@aol.com
Topic: 2069  Message: 2069

All,

Picked up a Hallicrafters P-26 power supply a while ago.

a. What did it go with?

b. What are the specs?

Thanks.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2070. Got my BC-610C

Yahoo group: T-368_BC-610
Date: 2004-08-11 17:09:15 UTC
From: Stephen Keith
Topic: 2070  Message: 2070

Dale Gagnon KW1I was very helpful in me finding an affordable BC610C model for my WW2 Chevrolet K51 Radio Panel project. The unit is in pieces, but I believe is all there. Dale is going to get it going so that it is useable (for him).

I still need the Junction Box JB-49, the Phone and Speaker Control panel, the SW-199A switch and if anyone has the table that I might get detailed pictures of, theta would be great/

Thanks
Steve AKA Dr Deuce

# 2071. PE-197 Generator Manual

Yahoo group: T-368_BC-610
Date: 2004-08-11 19:03:27 UTC
From: N6WIG
Topic: 2071  Message: 2071

I just acquired a PE-197 for my BC-610 and am in need of a
maintenance manual for it.
Anyone know where I might find one?

Thanks and 73's

Mike

? ?/// ? ? ?<mikhael@...>
? ? | ?Collector of Military and Vintage
? ?/|\ ? ? commuications equipment.
? N6WIG ? ? ? ?San Jose
AAR9MX

# 2072. AT-2 TUNER

Yahoo group: T-368_BC-610
Date: 2004-08-22 23:41:48 UTC
From: Norman & Barbara Ray
Topic: 2072  Message: 2072

I was lucky to take part in the "Classic Find" of a BC-610E which had been in storage for over 20 years and they wanted to free up some floor space. It had all the accessories. It had, in addition to the normal antenna tuning unit, a Hallicrafters AT-2 antenna tuning unit which the deceased previous owner had converted to an "L" circuit. Fortunately, he had not made any cosmetic changes to the outside.

I am interested in getting some documentation as to the original circuit etc. Any help in directing me to a source would be appreciated. It came with the original manuals....operating and maintenance but couldn't find reference to this unit..

I did some restoration which brings this "jewel" back to the condition I remember in the '50's in Korea.

Thanks for any help.

Norm W7LFA

# 2073. T-368 Primary power requirements, et al

Yahoo group: T-368_BC-610
Date: 2004-08-23 23:52:00 UTC
From: doran platt
Topic: 2073  Message: 2073

I've read and been told that the T-368 needs a "stiff" 30A circuit to run it properly. My "A" model is running quite well on a dedicated 15A circuit, with an 18A Variac set to 115 volts. All voltages appear "nominal" and the power out is about 400 watts. Prior to dropping the voltage down from about 123-125 volts to 115, the front panel around the filament pot would get quite hot. Now, at 115v, its warm but nothing like it was. The only untoward Am I just lucky?

# 2074. Re: [T-368_BC-610] T-368 Primary power requirements, et al

Yahoo group: T-368_BC-610
Date: 2004-08-24 00:09:43 UTC
From: Joe Foley
Topic: 2073  Message: 2074

--- doran platt <jeepp@...> wrote:

> I've read and been told that the T-368 needs a
> "stiff" 30A circuit to
> run it properly. My "A" model is running quite
> well on a dedicated 15A
> circuit, with an 18A Variac set to 115 volts. All
> voltages appear
> "nominal" and the power out is about 400 watts.
> Prior to dropping the
> voltage down from about 123-125 volts to 115, the
> front panel around the
> filament pot would get quite hot. Now, at 115v, its
> warm but nothing
> like it was. The only untoward Am I just lucky?
+++++++++
I think so, but if it's a Federal Pacific breaker you could run the whole house on a 15 amp circuit and it wouldn't trip. As long as the wiring isn't getting hot it might work well enough. I sure hope you used 12 gauge wire instead of 14.

I always thought the Filament Pot would be the best place to put a cup holder, just to keep your drink warm.

Joe

_____
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# 2075. Re: [T-368_BC-610] T-368 Primary power requirements, et al

Yahoo group: T-368_BC-610
Date: 2004-08-24 02:06:58 UTC
From: G. Beckwith
Topic: 2073  Message: 2075

Doran and Gents,

Am using a similar set up for my T-3 --- A GE 60 amp capacity Variac set to 115 volts...Operation of the T-3 is from a dedicated line that is used for a similar set up for a Viking 500 running at similar power levels, using a separate dedicated Variac. The two rigs are not used at the same time .. on the same line...but the line is a dedicated 120 vac line fused at 30 amps...I found that the T-3 would pop a 20 amp breaker at the om's place where I picked up the T-3...I don't know the voltage there....

So, I haven't noticed the temperature around the fil adjust pot...but note the pannel does get 'warm' not hot at the 115 volt level....

Not much new here... but might help u to know what happens at the Big KXR..

c u on 160 later this fall...

73,

Gene

W8KXR - - Ohio

tdoran platt wrote:

>I've read and been told that the T-368 needs a "stiff" 30A circuit to
>run it properly. My "A" model is running quite well on a dedicated 15A
>circuit, with an 18A Variac set to 115 volts. All voltages appear
>"nominal" and the power out is about 400 watts. Prior to dropping the
>voltage down from about 123-125 volts to 115, the front panel around the
>filament pot would get quite hot. Now, at 115v, its warm but nothing
>like it was. The only untoward Am I just lucky?
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# 2076. Re: [T-368_BC-610] T-368 Primary power requirements, et al

Yahoo group: T-368_BC-610
Date: 2004-08-24 12:50:36 UTC
From: James M. Walker
Topic: 2073  Message: 2076

Some time back, long ago, I experienced the high line voltage syndrome at its'
worse. I set out then to not have to deal with the weirdness for the Electric
provider. To that end I came across several high current variacs in the 240 VAC
and 130 VAC range, and purchased them. In the Big Iron arena here, if the unit
specs call for 220 VAC for the input that is what I now provide, and likewise for
those BAs that spec 115 VAC. It goes a long way towards peace of mind, and
the continued longevity of the equipment.

My T-368 and BC-610(I) both run through the 130 VAC system, with the metered
output to them set at 115 VAC. I also have installed separate variacs on the direct
input to the HV transformer in both cases, such that I can set the HV output to 2500
VDC independent of the main AC input to the transmitters. I read complaints a lot
that mention the heat of the "FIL" control on both front panels. Sadly the legend is
misleading, unless you read the manual. Which states, in an unmodified unit, as in the
AC input to the transformers are as wired from the factory, setting the filament voltage
to read 5.0 VAC on the filament meter, means that the Bias and other low voltage
supplies are set to the "correct" values as well.

As for front panel heat, with the use of variacs, now the most heat generated on the
front panel now is from the pilot lamps. FWIW.

Jim
WB2FCN
"It ain't heavy, it's my RADIO!"

----- Original Message -----
From: "doran platt" <jeepp@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Monday, August 23, 2004 7:52 PM
Subject: [T-368_BC-610] T-368 Primary power requirements, et al

> I've read and been told that the T-368 needs a "stiff" 30A circuit to
> run it properly. My "A" model is running quite well on a dedicated 15A

> circuit, with an 18A Variac set to 115 volts. All voltages appear
> "nominal" and the power out is about 400 watts. Prior to dropping the
> voltage down from about 123-125 volts to 115, the front panel around the
> filament pot would get quite hot. Now, at 115v, its warm but nothing
> like it was. The only untoward Am I just lucky?
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> Yahoo! Groups Links
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# 2077. Re: [T-368_BC-610] T-368 Primary power requirements, et al

Yahoo group: T-368_BC-610
Date: 2004-08-24 18:35:35 UTC
From: w7qho@aol.com
Topic: 2073  Message: 2077

In a message dated 8/23/04 4:51:23 PM, jeepp@... writes:

> I've read and been told that the T-368 needs a "stiff" 30A circuit to
> run it properly.  My "A" model is running quite well on a dedicated 15A
> circuit, with an 18A Variac set to 115 volts.  All voltages appear
> "nominal" and the power out is about 400 watts.  Prior to dropping the
> voltage down from about 123-125 volts to 115, the front panel around the
> filament pot would get quite hot.  Now, at 115v, its warm but nothing
> like it was.  The only untoward  Am I just lucky?
>

In my experience the T-368 is very tolerant in regard to primary power requirements. I've run my Basic unit portable off an MG set where the line voltage varied between 125 key up to 110 volts key down and the rig still worked FB. In the matter of primary power characteristics, a "stiff" supply may require a 30 amp breaker in the wall box while a 20 A unit may be sufficient with a less well regulated circuit. This is because the momentary voltage drop experienced in the latter case will limit the key-down startup current surge. At a previous QTH my C and Basic models were located 5 ft from a 200 amp service and fed with #10 wire. In this situation a 20 amp breaker in the wall box wouldn't hold either T-368 and after installing a 30 A unit I would kick either or both breakers on the T-3's power supply about 10% of the time on key-down. Have not experienced this problem at my current location with a much longer feed to the shack even though the line voltage runs above 120 most of the time.

In the matter of front panel heating around the filament rheostat, lowering the line voltage would, of course, lower the temperature (lower Vsquared/R losses).

So, I would say you don't have anything to worry about, although a 15A circuit would seem to be pushing things a bit. Wonder just what the regulation on this line is and what kind of a momentary voltage sag you're getting through your variac and at the input to the transmitter on key-down?

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2078. VFO's and the Beastly 610

Yahoo group: T-368_BC-610
Date: 2004-08-24 18:57:39 UTC
From: Alan
Topic: 2078  Message: 2078

Hi All,

I'm in the process of setting up my beastly 610. It's an F model that I had on the air about
4 years ago when I lived in Austin, Texas. Finally, I am able to find the time to put my shack together again.

I used to drive my '610 with the output of a DX-60/HG-10 combination. The DX-60 was running in the tune position, with the drive control cranked down. The output of the transmitter fed a piece of coax with a dual bannana plug on the end. The plug fit perfectly into the crystal socket on the tuning unit. I'd run it up high enough to get the recommended grid current to the 250TH. That seems like such a wasteful way to go, but as I recall the HG-10 did not have enough oomf to do the job alone.

This time around I would like to avoid using the DX-60. Would anyone care to share their experiences of alternate ways of driving a BC-610?

Alan Cohen
WA2DZL
Bloomfield, NJ

# 2079. Re: [T-368_BC-610] VFO's and the Beastly 610

Yahoo group: T-368_BC-610
Date: 2004-08-24 21:57:01 UTC
From: yardleyite@aol.com
Topic: 2078  Message: 2079

In a message dated 8/24/2004 2:58:22 PM Eastern Standard Time,
alancohn@... writes:

Hi All,

I'm in the process of setting up my beastly 610. It's an F model that I had
on the air about
4 years ago when I lived in Austin, Texas. Finally, I am able to find the
time to put my
shack together again.

I used to drive my '610 with the output of a DX-60/HG-10 combination. The
DX-60 was
running in the tune position, with the drive control cranked down. The
output of the
transmitter fed a piece of coax with a dual bannana plug on the end. The
plug fit
perfectly into the crystal socket on the tuning unit. I'd run it up high
enough to get the
recommended grid current to the 250TH. That seems like such a wasteful way
to go, but
as I recall the HG-10 did not have enough oomf to do the job alone.

This time around I would like to avoid using the DX-60. Would anyone care
to share their
experiences of alternate ways of driving a BC-610?

Alan Cohen
WA2DZL
Bloomfield, NJ

Alan,
Why not drive your Beastly 610 with one of the original tuning
units? Yes, I know they have a stability problem (until they warm up a good
hour or so), and then there's the combination 60 and 120 cycle AC hum that makes
you sound like 1961 vintage "Radio Moscow". I'm told it has something to do
with the resonance of the tuning units and the capacitances of the plate/mod
iron, but what the heck? That's how some seasoned ops know you're on a
"Beastly 610"!

I have a HT4-H/BC-610-I I run exclusively on AM, and use it as my high power
transmitter for 40 meters. Occasionally I run it on 75 and 160 meters as
well. The HT-5/BC-614 speech amp has been modified with fatter coupling caps,
and use a crystal head D-Ten-Four microphone with it. In spite of the minor mods
to the speech amp it still has the familiar hum from the tuning unit. (If I
operate crystal control the hum(s) are no longer there).

The original tuning units still turn up occasionally at Hamfests/swapmeets for reasonable prices, and they're easy to use. If you come across any why not give them a try? To me, it's all part of the unmistakable sound of a "Beastly". Just my opinion.

Mod-U-Later,

Joe Cro N3IBX

[Non-text portions of this message have been removed]

# 2080. Re: Re: [T-368_BC-610] T-368 Primary power requirements, et al

Yahoo group: T-368_BC-610
Date: 2004-08-25 12:39:01 UTC
From: jeepp@adelphia.net
Topic: 2073  Message: 2080

That's the rub, I think, with my lash-up. My original post had a few words chopped. What I meant to add was the fact that, with the 20 ft of #12 feed line, the Variac set to 115VAC, and the filament set to 5 volts, key down, the filament voltage drops to 4.9 volts. The power output on the Bird reads 390 watts. The scope looks clean and there's no noticable frequency perturbation, at all. However, given that the filament adjustment controls other voltages, I'm considering upping the un-keyed filament voltage to 5.1 and have it go nominal, key down. This increase in voltage would not appear to violate the admonishments in the Eimac "Care and Feeding" book, too awful much. So, as you say, looks good to go....
Tnx Jeep/K3HVG>
>

# 2081. Fwd: BC-610

Yahoo group: T-368_BC-610
Date: 2004-08-25 13:42:15 UTC
From: N6WIG
Topic: 2081  Message: 2081

If someone is looking for a BC-610 in NC. Contact Steve
Jobes. See his message below.

73's

Mike

------- Start of forwarded message -------

From: <W1DXH@...>
Date: Tue, 24 Aug 2004 21:07:18 -0700

Message from: STEVE JOBES.
HI, DUE TO THE PASSING OF MY GRANDDAD W1HVA,I HAVE AQUIRED
HIS 610. IT IS LOCATED IN HENDERSONVILLE, NC. HE GOT IT
OPERATIONAL, AND GOT NEW FINALS FOR IT. IF YOU KNOW OF ANY
ONE INTERESTED PLEASE HAVE THEM EMAIL ME OR CALL
(508)393-7548 73'S,TNX

------- End of forwarded message -------

? ?/// ? ? ?<mikhael@...>
? ? | ?Collector of Military and Vintage
? ?/|\ ? ? commuications equipment.
? N6WIG ? ? ? ?San Jose
AAR9MX

# 2082. (no subject)

Yahoo group: T-368_BC-610
Date: 2004-09-10 15:38:51 UTC
From: george portell
Topic: 2082  Message: 2082

got ol b&w t3 cranking,but i have a dial calibration
that is abt 1 to 2 mc from the window readings.my
serv manual does not cover this adj .maby this problem
never happened in the military or they just changed
out the vfo untt? thank `s for frequ counters and
caliberated recvrs.if any one has any sugg`s it would
be appriciated. also need some specs on the following
xformers 1. thordason xf 21p83. thordason mod
xformer multi match type t2im65 watts 300-500.
thordason true fedility mod xf modelt49956-b 15000
pri_15000-10000sec 30-10000cps. 73`s for now will
be on sat am az time at 3.854 with the group also sun
am best of rfing .bro geo w8qbg.

_____
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# 2083. [T-368_BC-610] (unknown)

Yahoo group: T-368_BC-610
Date: 2004-09-10 15:44:46 UTC
From: Bruce J. Howes
Topic: 2082  Message: 2083

Loosen the coupler on the Veeder Root display (freq. display) and adjust
there.
You can do endpoint adjustments on the PTO, but it really not worth the
hassle for amateur use, unless you have a lot of time to kill and are
interested just for the technical expertise.

Now if you want to be really cool, install small light bulbs on the "shield"
over the Veeder Root display for backlight in low light conditions.

73 Bruce W1UJR

Atlantic Motorcar Services
<mailto:bruce@...> bruce@...
fon 866.EURO.SPEC
fon 207.882.9969
fax 207.882.9940
<http://www.atlanticmotorcar.com/> www.atlanticmotorcar.com

---

From: george portell [mailto:w8qbg@...]
Sent: Friday, September 10, 2004 11:39 AM
To: T-368_BC-610@yahoogroups.com
Subject: [SPAM] [T-368_BC-610] (unknown)

got ol b&w t3 cranking,but i have a dial calibration
that is abt 1 to 2 mc from the window readings.my
serv manual does not cover this adj .maby this problem
never happened in the military or they just changed
out the vfo untt? thank `s for frequ counters and
caliberated recvrs.if any one has any sugg`s it would
be appriciated. also need some specs on the following
xformers 1. thordason xf 21p83. thordason mod
xformer multi match type t2im65 watts 300-500.
thordason true fedility mod xf modelt49956-b 15000
pri_15000-10000sec 30-10000cps. 73`s for now will
be on sat am az time at 3.854 with the group also sun
am best of rfing .bro geo w8qbg.

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<http://us.adserver.yahoo.com/l?M=298184.5285298.6392945.3001176/D=groups/S=:HM/A=2319498/rand=108221228>

---

Yahoo! Groups Links

* To visit your group on the web, go to:
http://groups.yahoo.com/group/T-368_BC-610/

* To unsubscribe from this group, send an email to:
T-368_BC-610-unsubscribe@yahoogroups.com
<mailto:T-368_BC-610-unsubscribe@yahoogroups.com?subject=Unsubscribe>

* Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service
<http://docs.yahoo.com/info/terms/> .

[Non-text portions of this message have been removed]

# 2084. Dial restoration?

Yahoo group: T-368_BC-610
Date: 2004-09-10 16:14:25 UTC
From: Jack Taylor
Topic: 2084  Message: 2084

The dial on the front of my BC-610E (reads 0 - 100) has become discolored over time due to the
heat from the pilot light. Appears originally to have been a soft amber color but has darkened
near the pilot light. Has anyone suggestions for a replacement, or repair?

73 de Jack

# 2085. mounting for BC-610C

Yahoo group: T-368_BC-610
Date: 2004-09-12 12:15:14 UTC
From: Stephen Keith
Topic: 2085  Message: 2085

Having recently acquired a BC-610-C model for my K51 Chevy panel truck, I am in need of a the mounting bracket/isolator that holds the trans to the floor of the truck.

I know most of you have fixed mounting for the unit in the ham shack, so someone must have a set that he would part with to help with this worthy project.

Dale Gagnon: degagnon@... (KW1I) is working on putting the trans back together (came as pieces with some assy required...) while I am working on the truck. "Hopefully" the truck and genset and trailer for genset will be ready next year!

Keeping my fingers crossed...

Steve AKA Dr Deuce(s)

http://home.comcast.net/~cckw/wsb/html/view.cgi-photo.html--SiteID-859870.html

# 2086. Re: [T-368_BC-610] mounting for BC-610C

Yahoo group: T-368_BC-610
Date: 2004-09-12 13:57:46 UTC
From: Joe Foley
Topic: 2085  Message: 2086

--- Stephen Keith <cckw@...> wrote:

> Having recently acquired a BC-610-C model for my K51
> Chevy panel
> truck, I am in need of a the mounting
> bracket/isolator that holds
> the trans to the floor of the truck.
>
> I know most of you have fixed mounting for the unit
> in the ham
> shack, so someone must have a set that he would part
> with to help
> with this worthy project.
>
> Dale Gagnon: degagnon@... (KW1I) is
> working on putting the
> trans back together (came as pieces with some assy
> required...)
> while I am working on the truck. "Hopefully" the
> truck and genset
> and trailer for genset will be ready next year!
+++++++++
You might have to build from a picture. Maybe you can
find an illustration somewhere, or maybe adapt the
same bracket from a T-368?

Joe

_____
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# 2087. mod current readings?

Yahoo group: T-368_BC-610
Date: 2004-09-13 03:01:28 UTC
From: george portell
Topic: 2087  Message: 2087

when i read the mod current on the exitation meter
switched in to monitor the mod i am setting the
resting current about 2.5 notches up from zero then
under mod should it be brought up to just over 1 on
the meter? mine seems to be going only up to abt 7 on
the meter. the audio reports are fine and some
stations say it sounds like enough.i turned the
clipper all the way off.but dont have a scope on it
yet.i plan to jump out the clipper on the tube
sockett.and remove thr back cover and jumper out the
interlock temp to see if both tubes are doing their
jod.any advise would be welcome.73`s for now bro geo w8qbg.

_____
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# 2088. interlocks

Yahoo group: T-368_BC-610
Date: 2004-09-13 18:44:10 UTC
From: george portell
Topic: 2088  Message: 2088

what`s the easyest way to jumper out the interlocks?
looks like a wire from #1 on the hv xf to#3 on plate
ry.i cleaned the inter locks and now there giving me
trouble agn. any easy other way? 73`s for now bro geo w8qbg.

_____
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http://vote.yahoo.com

# 2089. Re: [T-368_BC-610] mod current readings?

Yahoo group: T-368_BC-610
Date: 2004-09-13 20:28:56 UTC
From: yardleyite@aol.com
Topic: 2087  Message: 2089

George,
If you have the BC-614/HT-5 speech amp with your BC-610; the mod
idling current should be adjusted to about 40-50ma on the meter, swinging up
to about 125-150 on peaks.
Regards,
Joe Cro N3IBX

[Non-text portions of this message have been removed]

# 2090. Re: [T-368_BC-610] interlocks

Yahoo group: T-368_BC-610
Date: 2004-09-13 23:48:21 UTC
From: Joe Foley
Topic: 2088  Message: 2090

--- george portell <w8qbg@...> wrote:

> what`s the easyest way to jumper out the interlocks?
> looks like a wire from #1 on the hv xf to#3 on
> plate
> ry.i cleaned the inter locks and now there giving me
> trouble agn. any easy other way? 73`s for now bro
> geo w8qbg.
+++++++=
Hi George,

The drill on interlocks is to check the wiring at the blocks, it may be frayed and overheated. The springs may be crushed, the back of the decks may be bent and causing poor connections or performance.

If you've found none of that try filling the inside with Penetrox or some other product that electricians use on aluminum wire to inhibit oxidation.

My power supply deck was bent inward and required judicious use of a wooden mallet, several others were the victims of poor wire connections but they all work fine now. The poor wire connections were NOT easy to find either, I also had to drill two of them out to fit the wire better.

Joe

_____
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# 2091. Re: [T-368_BC-610] mounting for BC-610C

Yahoo group: T-368_BC-610
Date: 2004-09-14 22:14:40 UTC
From: Steve & Jeannie Keith
Topic: 2085  Message: 2091

According to the manual that shows my WW2 Chevrolet K51 panel
with the SCR299 set as having the BC-610-C transmitter

Steve AKA Dr Deuce

----- Original Message -----
From: <telegrapher@...>
To: "Stephen Keith" <cckw@...>
Cc: <T-368_BC-610@yahoogroups.com>
Sent: Tuesday, September 14, 2004 12:45 PM
Subject: Re: [T-368_BC-610] mounting for BC-610C

> Couple weeks back i left one of these heavy beasts if that's what i
> think it it on the dirt floor of a shed up in Montana. Couldn't think
> of any reason to bring it home.
>
> On another note, i asked a question couple weeks ago on the Boatanchor
> list about the 610 A,B,C or D. Did any of those transmitters ever see
> military service or did that start with the "E" model? A fellow here on
> the west coast has a "D" model but this is the first i've ever heard of
> a "C". Now we're going back in time!
>
> BTW, i have an original manual for the "A, B, C and D" units.
>
> Larry
> W0OGH
>
>
> Stephen Keith wrote:
> >
> > Having recently acquired a BC-610-C model for my K51 Chevy panel
> > truck, I am in need of a the mounting bracket/isolator that holds
> > the trans to the floor of the truck.
> >
> > I know most of you have fixed mounting for the unit in the ham
> > shack, so someone must have a set that he would part with to help
> > with this worthy project.
> >
> > Dale Gagnon: degagnon@... (KW1I) is working on putting the
> > trans back together (came as pieces with some assy required...)
> > while I am working on the truck. "Hopefully" the truck and genset
> > and trailer for genset will be ready next year!
> >
> > Keeping my fingers crossed...
> >
> > Steve AKA Dr Deuce(s)

> >
> > http://home.comcast.net/~cckw/wsb/html/view.cgi-photo.html--SiteID-
> > 859870.html
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> >
> > Yahoo! Groups Links
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# 2092. Re: [T-368_BC-610] mounting for BC-610C

Yahoo group: T-368_BC-610
Date: 2004-09-14 22:37:54 UTC
From: wa5cab@cs.com
Topic: 2085  Message: 2092

Steve, Larry, et al.

The BC-610-A through -D were used with the matching letter SCR-299 in the Chevy. The -E was used with the SCR-399/499-A.

It appears that after the War, the -E's soldier'd on. Some of the earlier models were transferred to the US Army Corps of Engineers stateside. I had a summer engineering job with the Corps in Arkansas in 1965 (installing Motorola Motracs and base stations). The Corps still had several B's and C's in service. I have often wished that I had kept up with where they went after that summer.

In a message dated 9/14/2004 5:22:53 PM Central Daylight Time,
cckw@... writes:
> According to the manual that shows my WW2 Chevrolet K51 panel
> with the SCR299 set as having the BC-610-C transmitter
>
> Steve AKA Dr Deuce
>
> ----- Original Message -----
> From: <telegrapher@...>
> To: "Stephen Keith" <cckw@...>
> Cc: <T-368_BC-610@yahoogroups.com>
> Sent: Tuesday, September 14, 2004 12:45 PM
> Subject: Re: [T-368_BC-610] mounting for BC-610C
>
>
> >Couple weeks back i left one of these heavy beasts if that's what i
> >think it it on the dirt floor of a shed up in Montana. Couldn't think
> >of any reason to bring it home.
> >
> >On another note, i asked a question couple weeks ago on the Boatanchor
> >list about the 610 A,B,C or D. Did any of those transmitters ever see
> >military service or did that start with the "E" model? A fellow here on
> >the west coast has a "D" model but this is the first i've ever heard of
> >a "C". Now we're going back in time!
>

Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2093. BC-610 shock mounts.

Yahoo group: T-368_BC-610
Date: 2004-09-14 23:23:07 UTC
From: Stephen Keith
Topic: 2093  Message: 2093

A member mentioned to me that I should inquire if the shock mounts
on later BC610 -D,E,F, &G are the same as the -C model.

Anyone know?

Thanks
Steve AKA Dr Deuce

# 2094. Look at what Phil found!

Yahoo group: T-368_BC-610
Date: 2004-09-19 01:53:29 UTC
From: redmenaced
Topic: 2094  Message: 2094

http://www.fairradio.com/0l13.htm

# 2095. This guy has a BC-610 to sell:

Yahoo group: T-368_BC-610
Date: 2004-09-21 01:36:28 UTC
From: Joe Foley
Topic: 2095  Message: 2095

--- antqradio@... wrote:

> Queen Wilhelmina Hamfest, aka Mena, AR on the other
> hand was quite good.
> Wonderful weather, both Friday and Saturday. Not as
> many military radios
> as in years past but some were present. There was a
> KWT-6 LPA and power
> supply, I brought some WW2 and Korean War tactical
> radios but none sold.
> Saw the usual collection of Hallicrafter RXs, some
> Swan and Drake units,
> even a Drake phone patch. Didn't notice much in the
> line of computer
> equipment, but I didn't get a chance to walk around
> that much since I was
> set up to sell. Brought a WW1 plunger type
> detonator for show and tell.
> Lots of fun lighting a 60 watt bulb to more then
> full brilliance. Buyers
> and sellers are always easy going, must be the great
> location!
>
> If anyone has an interest in a BC-610 with a BC-614,
> interconnecting
> cables and several RF coils and crystal units for
> about $1.50 per pound,
> contact me off list.
>
> Regards,
> Jim

---------------------------------
Do you Yahoo!?
Declare Yourself - Register online to vote today!
http://vote.yahoo.com

# 2096. Military coil IDing

Yahoo group: T-368_BC-610
Date: 2004-09-21 18:31:25 UTC
From: Jerry Kidd
Topic: 2096  Message: 2096

Anyone have a source to determine the band or freq. of a military
coil no.
# NUMBER ON COIL

1535 63405-1 It was suposed to be a BC-610 amp. coil... Buttttttt now
who knows for real.

# 2097. Military coil IDing

Yahoo group: T-368_BC-610
Date: 2004-09-21 18:30:35 UTC
From: Jerry Kidd
Topic: 2096  Message: 2097

Anyone have a source to determine the band or freq. of a military
coil no.
# NUMBER ON COIL

1535 63405-1 It was suposed to be a BC-610 amp. coil... Buttttttt now
who knows for real.

# 2098. Re: [T-368_BC-610] This guy has a BC-610 to sell:

Yahoo group: T-368_BC-610
Date: 2004-09-23 00:33:59 UTC
From: Gene Beckwith
Topic: 2095  Message: 2098

Joe and the Gang...

Glad to read the attached report...seems some hamfests are still doing moderately well...and some gear being traded among friends...

Went to Butler, Pa fest a couple of weeks ago...and was very surprised...the fall event is usually quite a good fest...or at least it used to be...this year my friend and I walked through the first three rows of tail gates...and then returned to our truck with some odds and ends to avoid carrying stuff...pound of solder...large ceramic insulators...some stock brass for lathe projects, a Tectroics RM-503 with a good CRT...ets...nothing special, but parts and pieces...when we dropped stuff off at the tuck we planned on doing the 'rest of the show'...and proceeded to what we thought was the next rows of goodies...that were mainly not visible from where we started, but where they have always been for the last ten years...

Well shock of shocks...nothing there...literally...just grass...we did in about two hours that was in the past an all morning and half the afternoon project to 'see it all''...very disappointing...but probably the worst of the trend in these parts that I've seen ... No boat anchors of the xmtr variety...a few rcvrs...and three NC-183Ds that were an 8 for condx. and ran abt 300 dollars asking price...

Those who were there, were the old standbys...but notable was the *total absence *of any Young would be Hams...it looked like a combination retirement community...and a good budies covention...

It has been a trend here in the NE Ohio area to see this decline in the Fests in the region.. No new young Hams...old geesers heading for Florida...and the 11 meter bunch...Not very exciting...

Fianally, I mentioned I bought a pound of real solder...yep...that stuff has got real lead in it too....the guy I bought if from was surprised I was interested and asked if I knew what is was...yep...that's what he asked me....he said I was the only one that day that knew what it was...and several who asked said they 'couldn't solder' and wouldn't because it was dangerous....several said they 'didn't know how..."

I wish I was making this up guys...I do have a HUGE imagination....but it is true as told to me....

73 to all ... and the T-368s here at the Big KXR in Ohio are alive and well...and soon will be on 160 as the summer shuts down and the travel stops for the winter...

Gene

W8KXR

Joe Foley wrote:

>--- antqradio@... wrote:
>
>
>
>>Queen Wilhelmina Hamfest, aka Mena, AR on the other
>>hand was quite good.
>>Wonderful weather, both Friday and Saturday. Not as
>>many military radios
>>as in years past but some were present. There was a
>>KWT-6 LPA and power
>>supply, I brought some WW2 and Korean War tactical
>>radios but none sold.
>>Saw the usual collection of Hallicrafter RXs, some
>>Swan and Drake units,
>>even a Drake phone patch. Didn't notice much in the
>>line of computer
>>equipment, but I didn't get a chance to walk around
>>that much since I was
>>set up to sell. Brought a WW1 plunger type
>>detonator for show and tell.
>>Lots of fun lighting a 60 watt bulb to more then
>>full brilliance. Buyers
>>and sellers are always easy going, must be the great
>>location!
>>
>>If anyone has an interest in a BC-610 with a BC-614,
>>interconnecting
>>cables and several RF coils and crystal units for
>>about $1.50 per pound,
>>contact me off list.
>>
>>Regards,
>>Jim
>>
>>
>
>
>
>_________________________________
>Do you Yahoo!?
>Declare Yourself - Register online to vote today!
>http://vote.yahoo.com
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>Yahoo! Groups Links
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[Non-text portions of this message have been removed]

# 2099. Speech amp for T3

Yahoo group: T-368_BC-610
Date: 2004-09-23 02:43:43 UTC
From: Jerry K
Topic: 2099  Message: 2099

Need some advice from T3 experienced persons:

If I wanted to use a high quality public address system amp in place of the stock speech amp, what's the best tried and true way to match it's low impedance output to the (I believe) 80K impedance of the 4-125A grids, and how much power would be required from the PA amp for full modulation plus some headroom?

Alternatively, the N9FOY homebrew speech amp for the T3 is mentioned many places, but I've been unable to find a working website with specific info/schematic for it. Any pointers?

Thanks,
Jerry W5KP

# 2100. TS-505 Manuals in PDF format available

Yahoo group: T-368_BC-610
Date: 2004-09-28 18:12:56 UTC
From: Rbethman
Topic: 2100  Message: 2100

Group,

I still have the TS-505 VTVM manuals available to mail to anyone
whom asks for them.

They are zipped and are 711KB in size.

Holler if you need them!

Bob - N0DGN

--
< Bob Bethman - N0DGN
+--------------------------------+---------------------------------+
| N0DGN AMRadio Manassas, VA | REAL Tube Radio and AM |
+--------------------------------+---------------------------------+
| Manassas Radio - Home of Homemade Kielbasa & Pirogi |
+--------------------------------+---------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| rbethman(at)comcast.net \\ ~ ~ // signal does *NOT* mean |
| (/ @ @ /) that everything is OK " |
+-------------------------oOOo-(_)-oOOo----------------------------+
| <http://home.comcast.net/~rbethman> |
| 1 BC-610I w/BC-614I,1 T-213/GRC-26 w/BC614I 1 '51 Collins R-390A |
| 1 '67 EAC R-390A, Heathkit DX-60, Apache, Mohawk, SX-101, HT-32A |
+-----------------------------------------------------------------+
| Amateur Astronomer - Celestron Nexstar 8 |
| 12" f5 Dob coming soon! Being built |
| Meade ETX-60 (Got it back!) |
| 38 Deg 46.8' N - 77 Deg 28.5' W |
+-----------------------------------------------------------------+
| Opinions expressed are that of my own and do not necessarily |
| coincide with or represent those of ANYONE else |
+-----------------------------------------------------------------+
ALL E-mail received and sent scanned by AVG & Norton Anti-Virus>

# 2101. 250TH's.

Yahoo group: T-368_BC-610
Date: 2004-09-29 23:10:30 UTC
From: Geoff
Topic: 2101  Message: 2101

Are there any 250TH's around?

I've got a BC-610-E, and a homebrew rig that runs 4 (2x2) and have
NO spares.

Any help?

73 = Best Regards,
-Geoff/W5OMR

# 2102. Have 250 ths and 100th for sale new and used

Yahoo group: T-368_BC-610
Date: 2004-10-02 00:48:38 UTC
From: Charles East
Topic: 2102  Message: 2102

Will be in San Antonio on the 7 thru the 10th Oct. and will bring some if anyone wants to pick some up...At least the filiments will be good when you buy them or if you are close you can run them...Have checked all 250ths used except the unopened ones ...Let me know Charlie....KA5SRB

# 2103. N.C. cancels BPL trial

Yahoo group: T-368_BC-610
Date: 2004-10-02 17:14:01 UTC
From: Mark Foltarz
Topic: 2103  Message: 2103

http://www.hamwave.com/cgi-bin/index.cgi?action=viewnews&id=512

_____
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

# 2104. Re: [T-368_BC-610] Have 250 ths and 100th for sale new and used

Yahoo group: T-368_BC-610
Date: 2004-10-02 19:19:37 UTC
From: Geoff
Topic: 2102  Message: 2104

That would be me, Charlie...

I've replied to your messages - don't know if you're getting them, or not.

Advise, please, or call me at 210-382-8005

-Geoff

> Will be in San Antonio on the 7 thru the 10th Oct. and will bring
> some if anyone wants to pick some up...At least the filiments will be
> good when you buy them or if you are close you can run them...Have
> checked all 250ths used except the unopened ones ...Let me know
> Charlie....KA5SRB

# 2105. T-368 final amp sub

Yahoo group: T-368_BC-610
Date: 2004-10-05 13:31:06 UTC
From: k3hvg03
Topic: 2105  Message: 2105

Has anyone successfully substituted a 4-250A for the 4-400A final tube? What adjustments were necessary (voltages?) and were the results? I've got several spare 4-250's but no 4-400's.. Tnx

# 2106. Re: [T-368_BC-610] T-368 final amp sub

Yahoo group: T-368_BC-610
Date: 2004-10-05 14:48:10 UTC
From: James M. Walker
Topic: 2105  Message: 2106

With the exception of the maximum plate dissipation being 250 watts, as to 400 watts for the 4-400, the differences are minimal. While I was refurbing my T-368, I used the 4-250A during testing, and found no REAL difference between it and the NOS 4-400A I finally put in at the end of the test/refurbishing.

Maximum power output was the same for the plate voltage of 2400 VDC at 200 MA, produced 400+ watts output into 50 Load. I did not readjust any of the T-368
voltages, just popped the tube in and ran it. No problems. Did the same thing while
I was bringing my Thunderbolts back to life works OK.
Jim
WB2FCN

----- Original Message -----
From: "k3hvg03" <jeepp@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Tuesday, October 05, 2004 9:31 AM
Subject: [T-368_BC-610] T-368 final amp sub

>
>
> Has anyone successfully substituted a 4-250A for the 4-400A final
> tube? What adjustments were necessary (voltages?) and were the
> results? I've got several spare 4-250's but no 4-400's.. Tnx
>
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> Yahoo! Groups Links
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# 2107. wtb 6000 tube

Yahoo group: T-368_BC-610
Date: 2004-10-17 14:14:08 UTC
From: n8lka
Topic: 2107  Message: 2107

I know this is a long shot,but Iam looking for the 6000 tube for the t368. I do know the 25av5 will work with a modification, but I thought I would try and see if I could find the 6000.The next thing Iam looking for the blower fan blade, this is the one that sets back by the power supply deck.The blower motor is good but at some point in time someone had the fan blade off the motor and bent it in the process.

# 2108. squirrel cage fan, I lost your email

Yahoo group: T-368_BC-610
Date: 2004-10-17 16:47:44 UTC
From: n8lka
Topic: 2108  Message: 2108

The person that email me about the squirrel cage fan I somehow lost your email,I think your name was Larry but not sure.Could you email me again. My name is Gary.

# 2109. Re: [T-368_BC-610] wtb 6000 tube

Yahoo group: T-368_BC-610
Date: 2004-10-17 19:13:57 UTC
From: Trevor Lewis
Topic: 2107  Message: 2109

Fair Radio has had the tubes from time to time, at a premium price. I think Antique Electronic Supply in AZ has also had them, and you might also want to check with http://www.elexs.com/

Good luck & 73; if you find a current source of them with low prices, please let the rest of us know.

73
KD1YT
----- Original Message -----
From: n8lka
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, October 17, 2004 10:14 AM
Subject: [T-368_BC-610] wtb 6000 tube

I know this is a long shot,but Iam looking for the 6000 tube for the t368. I do know the 25av5 will work with a modification, but I thought I would try and see if I could find the 6000.The next thing Iam looking for the blower fan blade, this is the one that sets back by the power supply deck.The blower motor is good but at some point in time someone had the fan blade off the motor and bent it in the process.

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a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/T-368_BC-610/

b.. To unsubscribe from this group, send an email to:
T-368_BC-610-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 2110. Re: [T-368_BC-610] wtb 6000 tube

Yahoo group: T-368_BC-610
Date: 2004-10-17 21:18:27 UTC
From: Joe Foley
Topic: 2107  Message: 2110

--- Trevor Lewis <kd1yt@...> wrote:

> Fair Radio has had the tubes from time to time, at a
> premium price.
++++++
The last time that came up it caused some
consternation at Fair Radio, they've since removed
that listing on their webpage since they no longer
have any of those tubes.

Hopefully they will find some more later.

Joe

I think Antique Electronic Supply in
> AZ has also had them, and you might also want to
> check with http://www.elexs.com/
>
> Good luck & 73; if you find a current source of them
> with low prices, please let the rest of us know.

_____
Do you Yahoo!?
Yahoo! Mail Address AutoComplete - You start. We finish.
http://promotions.yahoo.com/new_mail

# 2111. Crushing surplus radios?

Yahoo group: T-368_BC-610
Date: 2004-10-22 00:40:06 UTC
From: redmenaced
Topic: 2111  Message: 2111

US Senator from NY Chuck Schumer is up for re-election next month.

Write ME in I have better qualifications than Hillary had and I won't
let them crush any more radios.

Joe

# 2112. WTB: Manual Holder for BC-610-E

Yahoo group: T-368_BC-610
Date: 2004-10-23 16:52:40 UTC
From: Dale Hagert
Topic: 2112  Message: 2112

Does anyone have a spare manual holder that they would be willing to sell. If not, could some one give me the following information so that I can have one made.

Depth:
Inside width:
Inside length:
Thickness of the metal:
Width from side to edge of radius:
Depth of radius:

I am also in need of a BC-610-E ID Plate.

Thanks in advance.
Dale W0IR
w0ir@...

# 2113. Re: [T-368_BC-610] WTB: Manual Holder for BC-610-E

Yahoo group: T-368_BC-610
Date: 2004-10-24 00:19:53 UTC
From: Joe Foley
Topic: 2112  Message: 2113

--- Dale Hagert <w0ir@...> wrote:

>
> Does anyone have a spare manual holder that they
> would be willing to
> sell. If not, could some one give me the following
> information so
> that I can have one made.
>
> Depth:
> Inside width: 3/4"
> Inside length: 8"
> Thickness of the metal: Maybe 14 ga.
> Width from side to edge of radius: Really no radius,
just brake it on a good brake.

The pocket is 4" deep with 7/16" flanges on the ends
but not on the bottom, the botom is bent back tightly
to the cabinet. The corners are cut deeply, actually
into the front panel a bit leaving a 1/4" gap when
the bends are completed. The top bolt hole is down
1/2", the rest of the hole locations you have.

Mine isn't that neatly done either. The 1/4" gap on
the corners is un-even. It looks like the brake was
old and worn as the bends aren't as sharp as they
should be for the thickness of the steel and they are
over-bent to make the holes line up. My father worked
for 48 years in the Acme Electric sheet metal shop, he
would have snickered at that one!

Give a yell if I missed anything,

Joe KG2CI

> Depth of radius:
>
> I am also in need of a BC-610-E ID Plate.
>
> Thanks in advance.
> Dale W0IR
> w0ir@...
>
>
>
>

---
Do you Yahoo!?
Declare Yourself - Register online to vote today!
http://vote.yahoo.com

# 2114. West Coast Military Radio Collectors Group Photos

Yahoo group: T-368_BC-610
Date: 2004-10-26 03:32:28 UTC
From: Mikhael Brown
Topic: 2114  Message: 2114

Hello,

I finally put the photos from the last West Coast Military Radio Collectors Group meeting up on the website. Kept putting it off. Thanks to Jay Coward for reminding me.

Just go to the site at http://syzen.com/milradio/ and click on the photos tab.

Many are missing captions so please feel free to email me with your suggestions. Please reference the page and photo number. Also if you have any you would like to post from the meeting, email me copies of those as well.

Thanks and 73's

Mike


 ///  <mikhael@...>
  |  Collector of Military and Vintage
 /|   commuications equipment.
  N6WIG Cupertino
AAR9MX

# 2115. AT-271 antenna for PRC-104

Yahoo group: T-368_BC-610
Date: 2004-10-28 21:02:25 UTC
From: Mikhael Brown
Topic: 2115  Message: 2115

Looking for an AT-271 antenna for my PRC-104. Anyone have one in good shape they would like to part with? Also need some batteries for it as well. Anyone know where to find the batteries.

Thanks and 73's,

Mike


 ///  <mikhael@...>
    |  Collector of Military and Vintage
   /|\     commuications equipment.
  N6WIG   Cupertino, Ca
AAR9MX

# 2116. Need T-368 pack panel

Yahoo group: T-368_BC-610
Date: 2004-11-01 21:45:27 UTC
From: k3hvg03
Topic: 2116  Message: 2116

Again, casting about for a back panel for my T-368. Your price and
I'll throw in (carefully) a NIB 6000 tube! I don't want anyone's T-3
to go naked... but if you've a spare out in the shed, etc.....
tnx Jeep/K3HVG

# 2117. PRC-74 for sale

Yahoo group: T-368_BC-610
Date: 2004-11-05 16:03:27 UTC
From: Mikhael Brown
Topic: 2117  Message: 2117

Hi,

I just recently got a PRC-104 and am ready to part with my PRC-74. I got it several years ago complete in the box with all the accessories and the accessory bag. It is still complete with the original operators manual and in excellent condition. It has one battery box which has 12 AHrs worth (4-3AH cells) of jell-cells and another new battery box still in the box unopenned. I also have the AC Power supply/Charger. It does work and has been on the air. I am asking $900 for the whole package. I prefer pickup as the Power supply/charger is heavy. Otherwise if you would like it shipped, the buyer needs to cover shipping from a professional shipping company. I live in the SF bay area and make trips to Oakhurst every few weeks and would be happy to meet somewhere along the way.

Let me know if there is any interest.

73's

Mike

```
 ///  <mikhael@...>
    |  Collector of Military and Vintage
   /|\     commuications equipment.
  N6WIG   Cupertino, Ca
AAR9MX
```

# 2118. WTB AS-2259/GR Antenna

Yahoo group: T-368_BC-610
Date: 2004-11-05 16:28:39 UTC
From: Mikhael Brown
Topic: 2118  Message: 2118

The subject says it all. I am looking for a AS-2259/GR antenna to go with my PRC-104. If anyone has one they would like to part with that is complete and in good shape, let me know.

Thanks and 73's

Mike


 ///  <mikhael@...>
    |  Collector of Military and Vintage
   /|\     commuications equipment.
  N6WIG   Cupertino, Ca
AAR9MX

# 2119. MRC-56 radio set

Yahoo group: T-368_BC-610
Date: 2004-11-07 22:48:16 UTC
From: Tom Mackie
Topic: 2119  Message: 2119

Does anyone have information on the MRC-56?
My neighbor has an enclosed aluminum trailer about the size of a jeep trailer. I noticed an insulator in the roof and he pointed me to a data plate identifying the trailer as an MRC-56 built for the Navy.

Unfortunately my neighbor sold the radios! I have a chance to buy the trailer but would like to know what radio set it carried.

73
Tom
W2ILA

[Non-text portions of this message have been removed]

# 2120. BC-610E Lettering

Yahoo group: T-368_BC-610
Date: 2004-11-08 21:15:12 UTC
From: Dale Hagert
Topic: 2120  Message: 2120

I just got all my sheet metal back from the powder coater and am in need of help on the lettering. Could someone that has a digital camera take a few photos for of the lettering for me. I was unable to do that on mine as someone had painted over it.

The manual is just not clear enough to see the proper lettering.

I am still looking for the correct knobs for mine.

Thanks in advance.

Dale

w0ir@...

# 2121. WTB : A40 module for PRC-77

Yahoo group: T-368_BC-610
Date: 2004-11-09 19:54:04 UTC
From: Mark Foltarz
Topic: 2121  Message: 2121

Posting for a friend:

WTB : A40 module for PRC-77
Please advise of price and shipping

TNX

de KA4JVY

Mark

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Do you Yahoo!?
Check out the new Yahoo! Front Page.
www.yahoo.com

# 2122. 24 + 12VDC Power supplies, inverters, 12 to 24V converter ...

Yahoo group: T-368_BC-610
Date: 2004-11-09 20:39:37 UTC
From: Ray
Topic: 2122  Message: 2122

I have a small pile of 24VDC power supplies that are very high quality,commercial grade,continuous duty,linear supplies by Newport Marine Electronics or similar. Definite not "Astron Grade" equipment.

In 24 V I have the following continuous duty units some NIB or shelf worn:
2 pcs 16A, 1 pc 20A, 1 pc 30A

In 12V similar to the above:
1pc 25A 1 pc 20A, 1 pc 8A 2 Pc 150W inverter

2pc Astron RS7A 1pc Astron 150W inverter.

These will all be listed up on e-bay in the next few days unless someone in the group wants to make an offer, cash or swap....
The power supplies, especially the 24V/30A are compact but definitely heavy.

# 2123. 24v + 12 V powersupplies etc

Yahoo group: T-368_BC-610
Date: 2004-11-10 05:10:23 UTC
From: Ray
Topic: 2123  Message: 2123

For detailed spec's & pictures go to www.newmarpower.com

# 2124. WTD: Transmitter

Yahoo group: T-368_BC-610
Date: 2004-11-10 16:10:46 UTC
From: James M. Walker
Topic: 2124  Message: 2124

Ola,
Fellow Heavy Lifters! I am looking for one each, T-368, unmodified
for refurb and then use on RTTY. Any around?
Thanks
Jim
WB2FCN
http://eshop1.chem.buffalo.edu

# 2125. Re: [T-368_BC-610] WTD: Transmitter

Yahoo group: T-368_BC-610
Date: 2004-11-10 21:23:45 UTC
From: yardleyite@aol.com
Topic: 2124  Message: 2125

Jim,
If needed, I have the RTTY unit for a T-368 I'd be willing to swap for
???
Let me know if you need it.
Regards,
Joe Cro N3IBX

[Non-text portions of this message have been removed]

# 2126. Modulator tube - low bias current

Yahoo group: T-368_BC-610
Date: 2004-11-17 02:39:32 UTC
From: Walter Wilson
Topic: 2126  Message: 2126

Over time, I've had to crank up the modulator bias knob to get the specified 50mA of bias current. I have to crank it much further than previously, and am almost at the limit.

- Is this likely a modulator tube going bad? If so, how can I tell which one?

- Is there some other possible cause I should investigate?

Thanks,
Walter - KK4DF

# 2127. Re: [T-368_BC-610] Modulator tube - low bias current

Yahoo group: T-368_BC-610
Date: 2004-11-17 14:01:08 UTC
From: James M. Walker
Topic: 2126  Message: 2127

Which transmitter is this?
Jim
WB2FCN

----- Original Message -----
From: "Walter Wilson" <kk4df@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Tuesday, November 16, 2004 9:39 PM
Subject: [T-368_BC-610] Modulator tube - low bias current

>
>
> Over time, I've had to crank up the modulator bias knob to get the
> specified 50mA of bias current. I have to crank it much further than
> previously, and am almost at the limit.
>
> - Is this likely a modulator tube going bad? If so, how can I tell
> which one?
>
> - Is there some other possible cause I should investigate?
>
> Thanks,
> Walter - KK4DF
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> Yahoo! Groups Links
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# 2128. Re: Modulator tube - low bias current

Yahoo group: T-368_BC-610
Date: 2004-11-17 22:07:40 UTC
From: Walter Wilson
Topic: 2126  Message: 2128

The transmitter is a T-368E.

--- In T-368_BC-610@yahoogroups.com, "James M. Walker" <chejmw@a...>
wrote:
> Which transmitter is this?
> Jim
> WB2FCN
>
> ----- Original Message -----
> From: "Walter Wilson" <kk4df@y...>
> To: <T-368_BC-610@yahoogroups.com>
> Sent: Tuesday, November 16, 2004 9:39 PM
> Subject: [T-368_BC-610] Modulator tube - low bias current
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> > >
> > >
> > > Over time, I've had to crank up the modulator bias knob to get the
> > > specified 50mA of bias current. I have to crank it much further than
> > > previously, and am almost at the limit.
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> > > - Is this likely a modulator tube going bad? If so, how can I tell
> > > which one?
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> > >
> > > Thanks,
> > > Walter - KK4DF
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# 2129. Re: [T-368_BC-610] Re: Modulator tube - low bias current

Yahoo group: T-368_BC-610
Date: 2004-11-18 00:22:36 UTC
From: Joe Foley
Topic: 2126  Message: 2129

--- Walter Wilson <kk4df@...> wrote:

>
> The transmitter is a T-368E.
+++++++
Seems to me that if ONE tube got weak you'd be having
noticeable distortion in your received audio. I would
further guess that low modulation would mean both
tubes were getting weak.

Joe

_____
Do you Yahoo!?
Meet the all-new My Yahoo! - Try it today!
http://my.yahoo.com

# 2130. Re: [T-368_BC-610] Re: Modulator tube - low bias current

Yahoo group: T-368_BC-610
Date: 2004-11-18 02:20:05 UTC
From: w7qho@aol.com
Topic: 2126  Message: 2130

Walter.

To begin with, have you measured the bias voltage being applied to the modulator grids at 50ma of resting plate current? Tube specs call for -96 volts with +2500 on the plates. In my Basic model the plate voltage is about 2800 and my bias setting for 50ma is -120 volts. You can make this reading by pulling the modulator drawer out just enough to get a probe on the terminals of the Modulator Bias rheostat. Bias voltage will be present with the transmitter on but NOT KEYED (to be safe leave the RH breaker on the PS drawer OFF). Normal reading with the bias knob turned fully counterclockwise should be around -200 volts, and -80 volts when turned fully clockwise.

If the bias voltage is in the -100 to -125 range and the modulation is OK as determined with a scope and/or on-the-air reports, your mod tubes are probably OK. If the end point voltages are way off (see above) you probably have some kind of trouble in the bias supply circuit. Check the string of resistors, two on each side of the bias rheostat. (Presume you have a manual to help locate these.)

If, on the other hand, the bias voltage for 50ma is significantly LESS than -100 volts, the problem could be soft tubes. Easiest way to check would be to stuff in a new pair and see what happens. Problem could also be in the modulator screen supply. No easy way to measure this, though. The screen voltage is derived through an 80K dropping resistor from the high voltage supply and is regulated at 600 volts by a string of VR tubes. Pulling the modulator chassis and checking the resistance of the large WW resistor (R11) mounted underneath the modulator tube sockets would be a start.

Good luck.

Dennis D. W7QHO
Glendale, CA

> ----- Original Message -----
> From: "Walter Wilson" <kk4df@y...>
> To: <T-368_BC-610@...
> Sent: Tuesday, November 16, 2004 9:39 PM
> Subject: [T-368_BC-610] Modulator tube - low bias current
>
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> > >
> > >
> > > Over time, I've had to crank up the modulator bias knob to get the
> > > specified 50mA of bias current.  I have to crank it much further than
> > > previously, and am almost at the limit.
> > >

> > - Is this likely a modulator tube going bad?  If so, how can I tell
> > which one?
> >
> > - Is there some other possible cause I should investigate?
> >

[Non-text portions of this message have been removed]

# 2131. Re: Modulator tube - low bias current

Yahoo group: T-368_BC-610
Date: 2004-11-18 03:10:23 UTC
From: Walter Wilson
Topic: 2126  Message: 2131

Dennis,

Thanks, as that's exactly what I was looking for. I wonder where you got the range of voltages, as I didn't find these when reviewing my manual.

I measure -88 to -215 volts full range on the modulator bias adjustment. The setting which gives me 50mA of plate current is around -92.5 volts.

At this point, the modulation on the scope looks fine. It's just that I'm almost at the endpoint of the bias adjustment knob. I may try some newer tubes to see if this has any impact, and also take a look at fixed resistors in the bias circuit.

Thanks for your help,
Walter - KK4DF

--- In T-368_BC-610@yahoogroups.com, w7qho@a... wrote:
<snip>
> Normal reading with the bias knob turned fully counterclockwise should be around
> -200 volts, and -80 volts when turned fully clockwise.
>
> If the bias voltage is in the -100 to -125 range and the modulation is OK as
> determined with a scope and/or on-the-air reports, your mod tubes are probably
> OK.
<snip>
>
> Good luck.
>
> Dennis D. W7QHO
> Glendale, CA

> [Non-text portions of this message have been removed]

# 2132. Re: [T-368_BC-610] Re: Modulator tube - low bias current

Yahoo group: T-368_BC-610
Date: 2004-11-18 04:36:04 UTC
From: w7qho@aol.com
Topic: 2126  Message: 2132

In a message dated 11/17/04 7:17:28 PM, kk4df@... writes:

> I measure -88 to -215 volts full range on the modulator bias
> adjustment.  The setting which gives me 50mA of plate current is
> around -92.5 volts.
>

The overall adjustment range looks OK so your bias circuit probably is too.
The reading of 92.5 V for 50ma plate current is low, though, pointing to tube
or screen voltage problems. If you don't already have a spare set to try
out, 4-125s show up regularly on eBay.

You're right, the values we've been checking here don't show up in the
manual. Stuff I've jotted down over the course of 10 years keeping a pair of these
rigs on the air.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2133. Seacoast Surplus?

Yahoo group: T-368_BC-610
Date: 2004-11-18 20:38:20 UTC
From: w7qho@aol.com
Topic: 2133  Message: 2133

All.

Anyone know anything about a place called Seacoast Surplus? Put some stuff up on eBay a couple of years ago. No longer on the Bay, however, and their old e-mail address (SeacoastSurplus@...) doesn't work either.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2134. N9FOY T-368 Speech Amp info

Yahoo group: T-368_BC-610
Date: 2004-11-18 23:16:05 UTC
From: Jerry K
Topic: 2133  Message: 2134

After beating the bushes for months I finally found the info to build this thing. The results and info on it, if anybody else is interested, are at www.w5kp.com.

73, Jerry W5KP

# 2135. BC-312/342 case

Yahoo group: T-368_BC-610
Date: 2004-11-19 00:59:18 UTC
From: k3hvg03
Topic: 2135  Message: 2135

Maybe a bit off topic but I thought I'd post here first.. Anyone need a fairly nice case for either a '312 or a '342. No dings, dents, or rust. Base clips work. Case is free to good home, only recoupment is box and postage. Also have a rather nice case for either an NC-183 or 183D (if you're not particular). It has an additional hole (plugged) on front. Its really nice and I'd hate to pitch it (I needed the guts). It was a toss-up to use this case or the original on my restoration. Again, free except for box and postage. Lemme know before it goes...!

# 2136. RE: Seacoast Surplus?

Yahoo group: T-368_BC-610
Date: 2004-11-19 01:24:22 UTC
From: Brian Carling
Topic: 2133  Message: 2136

In a message dated 11/18/04 1:48:44 PM, w3slk@... writes:

> > The only surplus place I can recall is Murphy
> > http://www.murphyjunk.bizland.com/murphys-surplus/. He's been out there for
> > few years that I know.

Oh there are loads of surplus places still!

Check out my list of "Boatanchor Haunts" -

http://www.af4k.com/mega/boatanch.htm

Check out the section on MEMORIES of the OLD BOATANCHOR
SURPLUS places. I think this may be one of the few site son the
web with stories like that!

Anyone want me to add more? E-mail em to me!

[Non-text portions of this message have been removed]

# 2137. BC-610E MODULATION TRANSFORMER

Yahoo group: T-368_BC-610
Date: 2004-11-22 01:20:50 UTC
From: Norman & Barbara Ray
Topic: 2137  Message: 2137

I have restored a BC-610E and find that the modulation transformer has some shorted turns in the primary. One side is 100 ohms and the other side is 150 ohms and the audio demonstrates the problem. A Large RCA modulation transformer works okay even though there is a mismatch.

Any lurking out there? I may have a spare power transformer for the BC-610E for trade or will pay cash preferred.

Norm W7LFA (left Washington)

# 2138. Re: Modulator tube - low bias current

Yahoo group: T-368_BC-610
Date: 2004-11-22 01:55:19 UTC
From: Walter Wilson
Topic: 2126  Message: 2138

> > I measure -88 to -215 volts full range on the modulator bias
> > adjustment. The setting which gives me 50mA of plate current is
> > around -92.5 volts.
> >
>
> The overall adjustment range looks OK so your bias circuit probably
is too.
> The reading of 92.5 V for 50ma plate current is low, though,
pointing to tube
> or screen voltage problems.

I've resolved why I had to crank the modulator bias knob to about the 5:00 position which gave -92.5 volts of bias voltage. Now it's at about the 3:00 position with -105 volts of bias.

My modulator deck had a modification to the modulator screens, which I think was in Electric Radio #53. This mod left 600 volts on the V9 screen, but put 450 volts on the V10 screen. The purpose was apparently to lower the screen voltage of the negative going tube (V10), and hence allow the positive going tube (V9) to be driven harder giving a means for greater than 100% modulation. I've removed that mod for now, just to prove that this was what was causing my modulator bias to run out of room.

This now gets me back to more normal settings, but I can tell that I'm not getting quite the positive modulation as before. Whether I keep it this way or go back and re-install the mod is yet to be seen. But at least I know what was causing this anomoly for me.

Any of you T3 owners out there familiar with this mod, and have any postive or negative comments?

Walter - KK4DF

# 2139. Re: [T-368_BC-610] Re: Modulator tube - low bias current

Yahoo group: T-368_BC-610
Date: 2004-11-22 04:49:41 UTC
From: w7qho@aol.com
Topic: 2126  Message: 2139

In a message dated 11/21/04 5:56:19 PM, kk4df@... writes:

> My modulator deck had a modification to the modulator screens, which I
> think was in Electric Radio #53.  This mod left 600 volts on the V9
> screen, but put 450 volts on the V10 screen.
>
Roger,

Ah-ha! Tried that one a while back but couldn't see or hear any appreciable
improvement so put things back to stock.

>
> This now gets me back to more normal settings, but I can tell that I'm
> not getting quite the positive modulation as before.  Whether I keep
> it this way or go back and re-install the mod is yet to be seen.  But
> at least I know what was causing this anomoly for me.
>
One of your 4-125s could be weak. Try switching them around and see what
happens.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2140. Re: [T-368_BC-610] BC-610E MODULATION TRANSFORMER

Yahoo group: T-368_BC-610
Date: 2004-11-22 05:04:22 UTC
From: James M. Walker
Topic: 2137  Message: 2140

There are two types of Modulation transformers for the BC-610E rig! You would need to know if it is the open frame type or the "Square" enclosed type. One is black (open frame) and the other is grey. The open frame type
has bolts for the connections, and the closed case type has solder terminals.
Which do you need?
Jim
WB2FCN

Norman & Barbara Ray wrote:
>
> I have restored a BC-610E and find that the modulation transformer has some
> shorted turns in the primary. One side is 100 ohms and the other side is
> 150 ohms and the audio demonstrates the problem. A Large RCA modulation
> transformer works okay even though there is a mismatch.
>
> Any lurking out there? I may have a spare power transformer for the BC-610E
> for trade or will pay cash preferred.
>
> Norm W7LFA (left Washington)
>
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> Yahoo! Groups Links
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# 2141. Re: [T-368_BC-610] BC-610E MODULATION TRANSFORMER

Yahoo group: T-368_BC-610
Date: 2004-11-22 05:56:39 UTC
From: wa5cab@cs.com
Topic: 2137  Message: 2141

Actually, that happens not to be the case. BC-610-A through BC-610-E use an open-frame transformer, with all connections above the deck. BC-610-F and later, and variants of T-213/GRC-26 use hermetically sealed types with the terminals below the deck. The original transformer can in the BC-610-F is cylindrical with a square mounting flange. The ones in the -G, -H and -I and most but not all T-213 are square cross section with rounded corners. {It is not unusual to see the square transformer in a BC-610-F, in which case it is a replacement unit. A round transformer in a T-213 indicates that it was converted from an -F.} Neither variant of hermetically sealed type were ever authorised for the -E or earlier models as installation would require rather extensive (and irreversible) modifications to the modulator deck and associated wiring. To begin with, you have to cut a large square hole.

In a message dated 11/21/2004 11:06:00 PM Central Standard Time,
chejmw@... writes:
> There are two types of Modulation transformers for the BC-610E rig! You
> would need to know if it is the open frame type or the "Square" enclosed
> type. One is black (open frame) and the other is grey. The open frame
> type
> has bolts for the connections, and the closed case type has solder
> terminals.
> Which do you need?

Robert & Susan Downs - Houston
<http://www.wa5cab.com> (Web Store)
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2142. Re: [T-368_BC-610] BC-610E MODULATION TRANSFORMER

Yahoo group: T-368_BC-610
Date: 2004-11-22 14:51:50 UTC
From: James M. Walker
Topic: 2137  Message: 2142

Sorry,
Not quite true! The BC-610(E) model that I currently use has grey transformers through out. They are in fact the "Square-ish" type and mount by way of feet drilled for 1/4 inch holes in the case of the modulation transformer, the HV transformer and the HV choke. The connections are solder points at the end of conical insulators. The leads, are HV cable 1/4 inch diameter and white with a green tracer line.

We are discussing the BC-610(E) and getting him the proper modulation transformer, to replace the bad one he currently has. I have a spare modulation transformer, it is however the "Open frame" type similar to the one used in the HT-4 (BC-610(E) model. Just trying to determine if that is the one he needs, if not no problem, if so let me know!
Thanks
Jim
WB2FCN
http://eshop1.chem.buffalo.edu

----- Original Message -----
From: WA5CAB@...
To: chejmw@... ; normray@...
Cc: T-368_BC-610@yahoogroups.com
Sent: Monday, November 22, 2004 12:56 AM
Subject: Re: [T-368_BC-610] BC-610E MODULATION TRANSFORMER

Actually, that happens not to be the case. BC-610-A through BC-610-E use an open-frame transformer, with all connections above the deck. BC-610-F and later, and variants of T-213/GRC-26 use hermetically sealed types with the terminals below the deck. The original transformer can in the BC-610-F is cylindrical with a square mounting flange. The ones in the -G, -H and -I and most but not all T-213 are square cross section with rounded corners. {It is not unusual to see the square transformer in a BC-610-F, in which case it is a replacement unit. A round transformer in a T-213 indicates that it was converted from an -F.} Neither variant of hermetically sealed type were ever authorised for the -E or earlier models as installation would require rather extensive (and irreversible) modifications to the modulator deck and associated wiring. To begin with, you have to cut a large square hole.

In a message dated 11/21/2004 11:06:00 PM Central Standard Time, chejmw@... writes:

There are two types of Modulation transformers for the BC-610E rig! You would need to know if it is the open frame type or the "Square" enclosed type. One is black (open frame) and the other is grey. The open frame type
has bolts for the connections, and the closed case type has solder

terminals.
Which do you need?

Robert & Susan Downs - Houston
<http://www.wa5cab.com> (Web Store)
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2143. Re: [T-368_BC-610] Re: Modulator tube - low bias current

Yahoo group: T-368_BC-610
Date: 2004-11-22 15:07:02 UTC
From: James M. Walker
Topic: 2126  Message: 2143

Yet another case of the paperwork not traveling with the rig. Seen on an AM web-board:

For Sale: Genuine T-368 "Big Rig" AM/CW transmitter. Great audio, lots of power output for its age! Asking 1500.00

What that actually was:
1 T-368 case in fairly good condition, except for the three 2 inch diameter holes
drilled in the rear of the case. These holes were for various usages, such as the "out
built modulation transformer" which sat on a 4 foot square plywood shelf. There was a highly modified speech amp, (no documentation for changes) internal to the unit. The
4-125As had been replaced with 4-250As and the screen circuit was changed to them.
the final PA tube was also changed to a 4-250A and was powered by an external HV
power supply which was not part of the sale (he needed it). All of the interlocks had
been jumpered around by the simple expedient of large "wire-nuts". The 5933 was
removed and a cobbled solid state screen supply to the 4-250A was installed in the
PA side of the chassis. So much for "Genuine, Great Audio, and lots of Power output!
Jim
WB2FCN
M.I.L.T. F.D.J.1

----- Original Message -----
From: "Walter Wilson" <kk4df@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Sunday, November 21, 2004 8:55 PM
Subject: [T-368_BC-610] Re: Modulator tube - low bias current

>
>
> > > I measure -88 to -215 volts full range on the modulator bias
> > > adjustment. The setting which gives me 50mA of plate current is
> > > around -92.5 volts.
> > >
> >
> > The overall adjustment range looks OK so your bias circuit probably
> is too.
> > The reading of 92.5 V for 50ma plate current is low, though,

> pointing to tube
> > or screen voltage problems.
>
> I've resolved why I had to crank the modulator bias knob to about the
> 5:00 position which gave -92.5 volts of bias voltage. Now it's at
> about the 3:00 position with -105 volts of bias.
>
> My modulator deck had a modification to the modulator screens, which I
> think was in Electric Radio #53. This mod left 600 volts on the V9
> screen, but put 450 volts on the V10 screen. The purpose was
> apparently to lower the screen voltage of the negative going tube
> (V10), and hence allow the positive going tube (V9) to be driven
> harder giving a means for greater than 100% modulation. I've
> removed that mod for now, just to prove that this was what was causing
> my modulator bias to run out of room.
>
> This now gets me back to more normal settings, but I can tell that I'm
> not getting quite the positive modulation as before. Whether I keep
> it this way or go back and re-install the mod is yet to be seen. But
> at least I know what was causing this anomoly for me.
>
> Any of you T3 owners out there familiar with this mod, and have any
> postive or negative comments?
>
> Walter - KK4DF
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> Yahoo! Groups Links
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# 2144. Beastly 610 Modulation Transformers:

Yahoo group: T-368_BC-610
Date: 2004-11-22 15:48:15 UTC
From: yardleyite@aol.com
Topic: 2144  Message: 2144

Hello All,
Whilst on the subject of BC-610 modulation transformers, would anyone know the rated output for an early square one with the end bells? I acquired one for a spare in case the one in my HT4-H/BC-610-I crapped out (I've got the potted one in mine) and thought I could use it if necessary with a little drillage and blastage on the modulator chassis. Now I find out I'd have to jackhammer the chassis and wouldn't want to do that!

I figured it has to be good for at least 200W of class B audio but don't know for sure. I run my HT4-H conservatively, and get approx 280-300W output ( @... plate current) depending on the band it's on and where I set the loading link. I'd be curious what the mod transformer is rated at.

Off topic but of possible interest to the group, I modified my 2.0-2.5 tuning unit to work on 160 meters. It's relatively simple and only requires the addition of a few silver micas to pad the circut in the tuning unit to enable it to go down to 160M. You'll need a vacuum padder cap placed across the clips of C28 of either 50-55pf or 100pf depending on where at you want to go in the band in order to load it properly, but that's another subject. If anyone is interested in the tuning unit mods please email me offlist and I'll give them to you.

Have a Happy Thanksgiving and "Mod-U-Later",
Joe Cro
N3IBX

[Non-text portions of this message have been removed]

# 2145. Re: [T-368_BC-610] BC-610E MODULATION TRANSFORMER

Yahoo group: T-368_BC-610
Date: 2004-11-22 16:05:46 UTC
From: wa5cab@cs.com
Topic: 2137  Message: 2145

Jim,

Then it must be a post-war rebuild. All of the BC-610-E's that I have ever seen (plus I've owned four over the years) match all of the various manuals, all of which show the black open-frame type for the HV and modulation transformers. Terminals and wiring are above the deck. The other transformers, except for the HV rectifier filament transformer, have typical for the period rectangular sheet metal cases, with inverted (turned in) corners and the terminals go through the deck with all wiring below the deck. I've also owned two BC-610-F and three T-213/GRC-26, one of which was originally an -F and the other two we think were originally -G.

Anyway, the modulation transformer that he needs is the black open-frame one, unless his set had the same conversion done to it that yours had.

Are the HV wires you refer to in your set above the deck like the normal -E or below the deck like the -F and later? Also, are there any MWO stamps on the front near the BC-610-E nameplate? And is the overall exterior finish flat or semi-gloss black, or black wrinkle?

The HT-4 with military nameplates became BC-610-A, part of SCR-299-A, not BC-610-E, part of SCR-399-A and SCR-499-A.

In a message dated 11/22/2004 9:01:58 AM Central Standard Time,
chejmw@... writes:
> Sorry,
> Not quite true! The BC-610(E) model that I currently use has grey
> transformers through out. They are in fact the "Square-ish" type
> and mount by way of feet drilled for 1/4 inch holes in the case of
> the modulation transformer, the HV transformer and the HV choke.
> The connections are solder points at the end of conical insulators.
> The leads, are HV cable 1/4 inch diameter and white with a green
> tracer line.
>
> We are discussing the BC-610(E) and getting him the proper
> modulation transformer, to replace the bad one he currently has.
> I have a spare modulation transformer, it is however the "Open
> frame" type similar to the one used in the HT-4 (BC-610(E) model.
> Just trying to determine if that is the one he needs, if not no
> problem, if so let me know!
>

73
Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
<wa5cab@...> (Primary email)

<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2146. RE: BC-610E MODULATION XFMR

Yahoo group: T-368_BC-610
Date: 2004-11-22 16:23:44 UTC
From: Norman & Barbara Ray
Topic: 2146  Message: 2146

Thank you for all the discussion on the modulation transformer issue.

The BC-610E that I have is serial number 951. I took it down to bare chassis level and restored it. Both the power and modulation transformers are open frame units. There is no evidence of any other style mounting. Since the fungus spray and all were still very visible, I am sure they are the original ones. The modulation transformer has a split primary, one side which has some shorted turns.

Any help would be appreciated.

Norm W7LFA

# 2147. BC-610 TU47 Tuning Unit Modification to 160M:

Yahoo group: T-368_BC-610
Date: 2004-11-23 02:23:43 UTC
From: yardleyite@aol.com
Topic: 2147  Message: 2147

Hello All,
I've had quite a few requests on information on how to modify
the BC-610 TU47 (2.0-2.5) tuning unit to 160 meters. I've decided to email the
group rather than send out individual emails in case there are more requests.

Please find the following:

Pad: C31, C32, and C34 with 100pf silver-mica (postage stamp type) cap. This
will increase capacitance so you'll enable the TU47 to oscillate in the
entire 160 meter band. I don't know the entire freq range since I was only
interested in 1800KC-1999KC.

Regarding C28 Vacuum padding capacitor, I've found that if you plan on
operating from 1925KC-2000KC, the 50-55mfd cap will work very well. From 1800KC to
1925KC or so, you'll want to use a 100mfd vacuum cap for best resonance.
Remember,when you add a padding cap you'll change the "Q" of the circut, and may
have to touch up your antenna coupler if you use one. The above information
is valid if you're going into a 50 ohm load. For higher impeadance loads you
may have to experiment a little.

I set the loading link (the part # of the band unit escapes me, but it's the
one for 2.0-2.5) to about 5/8 total mesh for highest plate current reading.
It should dip to anywhere from 210-250ma or so. For some reason I get the
highest plate reading at dip and highest power output at the above setting.
Possibly it's reactance within the double balanced ATU I use. You may have to
experiment a little, but I think the above guidlines should get you on the top
band.

If anyone requests additional information please email me.

Best Regards and a very Happy Thanksgiving. Hope to work you on 160M!
Joe Cro N3IBX

[Non-text portions of this message have been removed]

# 2148. Re: [Milsurplus] bc610f

Yahoo group: T-368_BC-610
Date: 2004-11-23 03:05:50 UTC
From: Joe Foley
Topic: 2148  Message: 2148

E-mail STAN at the address posted below.

Joe

--- PHYLLIS and STANLEY DORRIS <spd02@...> wrote:

> Hi I have a BC610F. I believe a code
> transmitter from the navy ,1949. stamped on
> the housing . would like to sell or trade .
> all complete except
> for wiring harness have org, tubes. also.
> send response to
> Stan. kc0oyo at
> spd02@...<mailto:spd02@...>
>

> Milsurplus mailing list
> Home:
> http://mailman.qth.net/mailman/listinfo/milsurplus
> Help: http://mailman.qth.net/mmfaq.htm
> Post: mailto:Milsurplus@...
>

Do you Yahoo!?
The all-new My Yahoo! - Get yours free!
http://my.yahoo.com

# 2149. Y adaptor for PRC audio connector

Yahoo group: T-368_BC-610
Date: 2004-11-23 16:17:44 UTC
From: Mikhael Brown
Topic: 2149  Message: 2149

I am looking for a "Y" cable adaptor that will allow two audio connections to be made to the one on my PRC-104. My model has only one, the connector is for frequency control. I would like to use a headset and separate mic. I am sure there there has to be son out there. If not I guess will have to make one.

Thanks and 73's

Mike


 ///  <mikhael@brown.org>
    |  Collector of Military and Vintage
   /|\     commuications equipment.
  N6WIG   Cupertino, Ca
AAR9MX

# 2150. 165/g power meter

Yahoo group: T-368_BC-610
Date: 2004-11-25 13:50:23 UTC
From: n8lka
Topic: 2150  Message: 2150

I just got 165/g power meter that has been govt recon very nice shape,when I put it on power it reads fine, but when I put it on adjust, to get full scale meter reading,and then switch it to swr it reads full scale in the red. I know my swr is a 1.4. any ideas.

# 2151. Re: [T-368_BC-610] 165/g power meter

Yahoo group: T-368_BC-610
Date: 2004-11-25 17:27:15 UTC
From: Joe Foley
Topic: 2150  Message: 2151

--- n8lka <n8lka@...> wrote:

>
> I just got 165/g power meter that has been govt
> recon very nice
> shape,when I put it on power it reads fine, but when
> I put it on
> adjust, to get full scale meter reading,and then
> switch it to swr it
> reads full scale in the red. I know my swr is a 1.4.
> any ideas.
++++++++++
Yup, that's right, now, use the knob underneath the
meter to set it to the high end of the scale and
you'll be ready to take your VSWR reading.

Joe

_____
Do you Yahoo!?
The all-new My Yahoo! - Get yours free!
http://my.yahoo.com

# 2152. Re: [T-368_BC-610] 165/g power meter

Yahoo group: T-368_BC-610
Date: 2004-11-25 19:35:49 UTC
From: James M. Walker
Topic: 2150  Message: 2152

Hi Gary,
First thing is did you test the meter initially into a "real" 50 ohm load
preferably with suitable power handling capabilities?

Second is the output of the ME-165/G going directly to an antenna? By this
I mean is there and "Antenna Tuner, or Antenna Coupler" in line to the
load, either antenna or dummy load.

The normal setup, is coax out of the transmitter (source) into input of
ME-165, coax out of ME-165 to either an antenna cut to frequency, or an
antenna coupler/tuner, and then to antenna.

If you need the manual on the usage, I can email you one, which includes
a schematic of the unit.

Now, from your initial description, I would hazard a guess and say, if you
were able to use the set SWR switch position properly, then when you turn
the ME-165/G to the SWR position it read full scale, your output load
may not actually be what you think it is.

Also a caveat, Never switch the unit to the operate position with RF output
applied. You will eventually burn the contacts on the switch, and they
are NOT easy to find replacements.

I use one in my permanent station setup, and Also for my T-368 and BC-610
stations. A great aid for tuning up those units.

Jim
WB2FCN

n8lka wrote:
>
> I just got 165/g power meter that has been govt recon very nice
> shape,when I put it on power it reads fine, but when I put it on
> adjust, to get full scale meter reading,and then switch it to swr it
> reads full scale in the red. I know my swr is a 1.4. any ideas.
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> Yahoo! Groups Links
>

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# 2153. Re: [T-368_BC-610] 165/g power meter

Yahoo group: T-368_BC-610
Date: 2004-11-25 20:15:57 UTC
From: w7qho@aol.com
Topic: 2150  Message: 2153

Gary,

Are you near a strong BC station? If so, you can get enough energy pickup to mess up the readings on these instruments. Quick check, turn the switch to SWR with the antenna connected and the transmitter OFF and see if you're getting a reading other than zero.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2154. Re: [T-368_BC-610] 165/g power meter

Yahoo group: T-368_BC-610
Date: 2004-11-25 20:35:45 UTC
From: James M. Walker
Topic: 2150  Message: 2154

Hi Guys,
allow me to point you to a copy of the manual and also a brief
description
of the ME-165/G. Hope this helps. find it here-->
http://eshop1.chem.buffalo.edu/ME-165.html
Jim
WB2FCN

w7qho@... wrote:
>
> Gary,
>
> Are you near a strong BC station? If so, you can get enough energy pickup
> to mess up the readings on these instruments. Quick check, turn the switch to
> SWR with the antenna connected and the transmitter OFF and see if you're
> getting a reading other than zero.
>
> Dennis D. W7QHO
> Glendale, CA
>
> [Non-text portions of this message have been removed]
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# 2155. 250 TL's?

Yahoo group: T-368_BC-610
Date: 2004-11-28 01:45:40 UTC
From: redmenaced
Topic: 2155  Message: 2155

http://www.fairradio.com/0250tl.htm

# 2156. Re: [T-368_BC-610] 250 TL's?

Yahoo group: T-368_BC-610
Date: 2004-11-28 02:44:16 UTC
From: Jack Taylor
Topic: 2155  Message: 2156

Just out of curiosity, has anyone tried the TL's in their '610 and if so,
how did they perform?
(As compared to the TH's) As I understand it, the "L" stands for low Mu and
the "H" is
for high Mu.

73 de Jack

----- Original Message -----
From: "redmenaced" <redmenaced@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Saturday, November 27, 2004 6:45 PM
Subject: [T-368_BC-610] 250 TL's?

http://www.fairradio.com/0250tl.htm

Yahoo! Groups Links

# 2157. Re: [T-368_BC-610] 250 TL's?

Yahoo group: T-368_BC-610
Date: 2004-11-28 19:35:13 UTC
From: Brian Carling
Topic: 2155  Message: 2157

Doesn't it seem a little high for two finals at $250.00
from Fair though? I see 100THes and 250THes at hamfests
usually for a lot less than that.

On 27 Nov 2004 at 19:44, Jack Taylor wrote:

>
> Just out of curiosity, has anyone tried the TL's in their '610 and if so,
> how did they perform?
> (As compared to the TH's) As I understand it, the "L" stands for low Mu and
> the "H" is
> for high Mu.
>
> 73 de Jack
>
>
> ----- Original Message -----
> From: "redmenaced" <redmenaced@...>
> To: <T-368_BC-610@yahoogroups.com>
> Sent: Saturday, November 27, 2004 6:45 PM
> Subject: [T-368_BC-610] 250 TL's?
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> http://www.fairradio.com/0250tl.htm
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# 2158. Re: [T-368_BC-610] 250 TL's?

Yahoo group: T-368_BC-610
Date: 2004-11-29 15:38:41 UTC
From: Jack Taylor
Topic: 2155  Message: 2158

I too have seen the TH versions for considerably less. Was hoping to draw out some
comments about the relative merits of lower amplification factor finals vs. the higher
as used in the BC-610. As a guess I'd speculate that the TL version would require
more drive to yield rated output power. If that's the case, would think the TL's would
be less desirable and hence command lower prices over the TH's in the market place.

73 de Jack

----- Original Message -----
From: "Brian Carling" <bcarling@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Sunday, November 28, 2004 12:35 PM
Subject: Re: [T-368_BC-610] 250 TL's?

Doesn't it seem a little high for two finals at $250.00
from Fair though? I see 100THes and 250THes at hamfests
usually for a lot less than that.

On 27 Nov 2004 at 19:44, Jack Taylor wrote:

>
> Just out of curiosity, has anyone tried the TL's in their '610 and if so,
> how did they perform?
> (As compared to the TH's) As I understand it, the "L" stands for low Mu and
> the "H" is
> for high Mu.
>
> 73 de Jack
>

# 2159. Re: [T-368_BC-610] 250 TL's?

Yahoo group: T-368_BC-610
Date: 2004-11-29 16:09:23 UTC
From: Geoff Edmonson
Topic: 2155  Message: 2159

Jack Taylor said:
>
> I too have seen the TH versions for considerably less. Was hoping to draw
> out some
> comments about the relative merits of lower amplification factor finals vs.
> the higher
> as used in the BC-610. As a guess I'd speculate that the TL version would
> require
> more drive to yield rated output power. If that's the case, would think the
> TL's would
> be less desirable and hence command lower prices over the TH's in the market
> place.

You can see the difference here, Jack, by looking at the pdf files, for the 250TH vs the 250TL, to see the requirements.

You're basically correct, that a Low-mu triode requires more drive than a High-mu triode does, but as far as the prices are concerned, I'm not to sure that the difference between a TH and a TL is the factor. In fact, I'll come out say that a 250T(H/L) on all of the tube-reseller places on the internet are getting better than $200/per. There's some guy who's always got a 450TL for sale on ebay, claiming it's brand new, with a 'buy it now' price of $249.95 on it.

I lucked out, yesterday, and won two auctions for 250TH's on ebay... one is an HK version, and the other was a General Electric (JAN) VT-220 (250TH) and I got the both of 'em for around $50.oo, and that's what I would expect to pay for one, these days... between $25 and *maybe* $50, *IF* I could see the thing actually -working- in a circuit, first.

I've got a BC-610 E model here, and I've got a homebrew rig that uses (4) 250TH's (push-pull link coupled final, modulated by a pair), I know of 3 or 4 more BC-610's in the area, and a friend in the Houston area that has a final using a pair of 250TH's, modulated by (4) 813's in push-pull parallel, and that's just in the South Texas area, alone.

There's still a need for those tubes, but there's no need for the damn things to be $300 dollars a peice!

73 = Best Regards,
-Geoff/W5OMR

# 2160. Re: [T-368_BC-610] 250 TL's?

Yahoo group: T-368_BC-610
Date: 2004-11-29 16:14:06 UTC
From: Geoff Edmonson
Topic: 2155  Message: 2160

forgot to post the links...

http://192.168.0.1/~w5omr/hamstuff/AM-Stuff/XMIT-Tube-Data/250TL.pdf

http://192.168.0.1/~w5omr/hamstuff/AM-Stuff/XMIT-Tube-Data/250TH.pdf

# 2161. Re: [T-368_BC-610] 250 TL's?

Yahoo group: T-368_BC-610
Date: 2004-11-29 15:51:33 UTC
From: James M. Walker
Topic: 2155  Message: 2161

Not too long ago a 250TH was going for 190.00 each out of new jersey
now their listing says STOCK which means call for the latest quote.
Same with the 250TL bottle as well.

I use NOS Military Eimac 250THs in my BC-610s, and have found them to
still be excellent, and put out full power for the BC-610s in my possession.
YMMV
Jim
WB2FCN

----- Original Message -----
From: "Jack Taylor" <jack@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Monday, November 29, 2004 10:38 AM
Subject: Re: [T-368_BC-610] 250 TL's?

>
> I too have seen the TH versions for considerably less. Was hoping to draw
> out some
> comments about the relative merits of lower amplification factor finals
vs.
> the higher
> as used in the BC-610. As a guess I'd speculate that the TL version would
> require
> more drive to yield rated output power. If that's the case, would think
the
> TL's would
> be less desirable and hence command lower prices over the TH's in the
market
> place.
>
> 73 de Jack
>
> ----- Original Message -----
> From: "Brian Carling" <bcarling@...>
> To: <T-368_BC-610@yahoogroups.com>
> Sent: Sunday, November 28, 2004 12:35 PM
> Subject: Re: [T-368_BC-610] 250 TL's?
>
>
>
> Doesn't it seem a little high for two finals at $250.00
> from Fair though? I see 100THes and 250THes at hamfests
> usually for a lot less than that.
>
> On 27 Nov 2004 at 19:44, Jack Taylor wrote:

>
> >
> > Just out of curiosity, has anyone tried the TL's in their '610 and if
so,
> > how did they perform?
> > (As compared to the TH's) As I understand it, the "L" stands for low Mu
> and
> > the "H" is
> > for high Mu.
> >
> > 73 de Jack
> >
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# 2162. Re: [T-368_BC-610] 250 TL's?

Yahoo group: T-368_BC-610
Date: 2004-11-29 17:32:53 UTC
From: w7qho@aol.com
Topic: 2155  Message: 2162

Somebody must have tried a "TL" in the BC-610 along the way. Amy reports???

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2163. Fw: [T-368_BC-610] 250 TL's?

Yahoo group: T-368_BC-610
Date: 2004-11-29 20:29:25 UTC
From: Geoff
Topic: 2163  Message: 2163

----- Original Message -----
Sent: Monday, November 29, 2004 2:28 PM
Subject: Re: [T-368_BC-610] 250 TL's?

> oops! ;-)
>
> sorry about that... I -am- out on the web... but I sent that from another
> computer in the LAN ;-)
>
> http://w5omr.shacknet.nu/~w5omr/hamstuff/AM-Stuff/XMIT-Tube-Data/250TL.pdf
> http://w5omr.shacknet.nu/~w5omr/hamstuff/AM-Stuff/XMIT-Tube-Data/250TH.pdf
>
> THAT'll work!
>
> sorry about the confusion ;-)
>

# 2164. Re: [T-368_BC-610] 250 TL's? or 304tl's

Yahoo group: T-368_BC-610
Date: 2004-11-29 22:30:42 UTC
From: w7kxb@comcast.net
Topic: 2164  Message: 2164

FYIW
At one time, the price of a 304TL was much lower than a 250th. After WW2 they sold for $0.25. West coast fishermen were using them for fish net floats (no kidding) sooooo, my friend converted his 610 to use a 304TL. I understand it worked fine. There isn't much of a market for 304's out there, except in amateur radio, and that's very thin, whereas the 250 market was also supported by some commercial users, which no doubt, is growing thin. I have see an ad on QRZ lately, asking $75.00 for 304TL's. Still too much IMHO. Guess it depends on how bad your needs are vs your wallet. At any rate, when my 250's need replacing, I will strongly consider converting over. By the way, the 304 might work well as replacement for the 100TH's. Just light up half of the filaments. (JAT)

Carry-on
Bill_Harris

[Non-text portions of this message have been removed]

# 2165. qth t368

Yahoo group: T-368_BC-610
Date: 2004-12-07 23:32:26 UTC
From: n8lka
Topic: 2165  Message: 2165

There is a t368 for sale on qth.com for $1800

# 2166. Anyone need any of these?

Yahoo group: T-368_BC-610
Date: 2004-12-09 03:42:32 UTC
From: redmenaced
Topic: 2166  Message: 2166

Item #2291759057 on E-bay.

They look like the hold-downs for the front panel of the TV-10A, and some other radio-type stuff.

Joe

# 2167. Re: [T-368_BC-610] Anyone need any of these?

Yahoo group: T-368_BC-610
Date: 2004-12-09 05:59:52 UTC
From: James M. Walker
Topic: 2166  Message: 2167

Know as "Half Turn Tie Down Fasteners" when I was in military, used for strapping stuff to/thru canvas covers on APCs Tanks and Rocket Haulers. The other end had a recessed spring in the shaft that maintained adequate
pressure against these things so they didn't turn and drop out. They had other uses but that is the one I am familiar with.
Jim
WB2FCN

redmenaced wrote:
>
> Item #2291759057 on E-bay.
>
> They look like the hold-downs for the front panel of the TV-10A, and
> some other radio-type stuff.
>
> Joe
>
>
>
> Yahoo! Groups Links
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>

# 2168. Re: [T-368_BC-610] Anyone need any of these?

Yahoo group: T-368_BC-610
Date: 2004-12-09 06:30:09 UTC
From: wa5cab@cs.com
Topic: 2166  Message: 2168

Variant of the Dzus fastener first used on aircraft cowlings and radio covers during WW-II or possibly marginally earlier.

In a message dated 12/9/2004 12:01:46 AM Central Standard Time, chejmw@... writes:
> Know as "Half Turn Tie Down Fasteners" when I was in military, used for
> strapping stuff to/thru canvas covers on APCs Tanks and Rocket Haulers.
> The other end had a recessed spring in the shaft that maintained
> adequate
> pressure against these things so they didn't turn and drop out. They had
> other uses but that is the one I am familiar with.

Robert & Susan Downs - Houston
<http://www.wa5cab.com> (Web Store)
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2169. T-368C

Yahoo group: T-368_BC-610
Date: 2004-12-09 15:27:53 UTC
From: Dudley Parkin
Topic: 2169  Message: 2169

Hello in process of purchasing a T-368, what is a good site to see all of the mods, thanks Dudley/W5DUD

# 2170. W3NP Website

Yahoo group: T-368_BC-610
Date: 2004-12-10 13:45:52 UTC
From: David Humbertson
Topic: 2170  Message: 2170

I have finally got a webpage together with some photos and some of the mods I have done to my T-368. There are also some links to other T3 resources.

73, Dave - W3NP

[Non-text portions of this message have been removed]

# 2171. URL

Yahoo group: T-368_BC-610
Date: 2004-12-10 13:47:29 UTC
From: David Humbertson
Topic: 2171  Message: 2171

I suppose I should have included the address

http://webpages.atlanticbb.net/~w3np/

[Non-text portions of this message have been removed]

# 2172. Forgot URL again

Yahoo group: T-368_BC-610
Date: 2004-12-10 18:49:43 UTC
From: David Humbertson
Topic: 2172  Message: 2172

Some have reported problems in navigating my site. There should be a vertical row of labeled buttons on the left side of the homepage that change color as you move your mouse over them, if they appear "broken", then you don't have Java enabled on your browser. You can either enable Java or use the new "Alternate link to photo page" that I have just added - it should be on the lower left side of the Homepage, just under where the missing page buttons should be.

I have just added links from the "photo page" to the rest or the site, so now everyone should be able to get around to all of the pages.

This is a problem with Microsoft Front Page using Java for the "hover buttons", as they are called.

Please let me know if this has helped out, I would appreciate it very much

The address is the same: http://webpages.atlanticbb.net/~w3np/

Thanks and 73, Dave - W3NP

[Non-text portions of this message have been removed]

# 2173. Unable to navigate W3NP site

Yahoo group: T-368_BC-610
Date: 2004-12-10 18:47:07 UTC
From: David Humbertson
Topic: 2173  Message: 2173

Some have reported problems in navigating my site. There should be a vertical row of labeled buttons on the left side of the homepage that change color as you move your mouse over them, if they appear "broken", then you don't have Java enabled on your browser. You can either enable Java or use the new "Alternate link to photo page" that I have just added - it should be on the lower left side of the Homepage, just under where the missing page buttons should be.

I have just added links from the "photo page" to the rest or the site, so now everyone should be able to get around to all of the pages.

This is a problem with Microsoft Front Page using Java for the "hover buttons", as they are called.

Please let me know if this has helped out, I would appreciate it very much

Thanks and 73, Dave - W3NP

[Non-text portions of this message have been removed]

# 2174. Re: [T-368_BC-610] W3NP Website

Yahoo group: T-368_BC-610
Date: 2004-12-10 19:52:00 UTC
From: Dave and Merrijoy
Topic: 2170  Message: 2174

I really enjoyed going through your website. Keep up the great work, especially on the T368.
Dave w9ocm
----- Original Message -----
From: David Humbertson
To: T-368_BC-610@yahoogroups.com
Sent: Friday, December 10, 2004 8:45 AM
Subject: [T-368_BC-610] W3NP Website

I have finally got a webpage together with some photos and some of the
mods I have done to my T-368. There are also some links to other T3
resources.

73, Dave - W3NP

[Non-text portions of this message have been removed]

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ADVERTISEMENT

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Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/T-368_BC-610/

b.. To unsubscribe from this group, send an email to:
T-368_BC-610-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 2175. 'nother one

Yahoo group: T-368_BC-610
Date: 2004-12-10 23:42:30 UTC
From: redmenaced
Topic: 258  Message: 2175

In addition to Dave's excellent new site:

http://home.att.net/~r391/www_ott/t368.htm

# 2176. Is this one anyone needs?

Yahoo group: T-368_BC-610
Date: 2004-12-12 23:28:21 UTC
From: redmenaced
Topic: 2176  Message: 2176

Seems I remember someone needing one of these.

<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&category=4662&item=3826381723>

# 2177. Re: [T-368_BC-610] Is this one anyone needs?

Yahoo group: T-368_BC-610
Date: 2004-12-12 23:48:19 UTC
From: wa5cab@cs.com
Topic: 2176  Message: 2177

Also used in BC-939. Note 20 KV rating. Not for use in BC-610.

In a message dated 12/12/2004 5:36:25 PM Central Standard Time,
redmenaced@... writes:
> Seems I remember someone needing one of these.
>
>
> <http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&category=4662&item=3826381723>
>

Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2178. BC-610 at Fair Radio

Yahoo group: T-368_BC-610
Date: 2004-12-13 22:13:47 UTC
From: Trevor Lewis
Topic: 2178  Message: 2178

for those of you who like the 610s, look what Fair Radio has (and some tuning units too):

scroll down in the folliwing link:
http://www.fairradio.com/Vintage.htm

BC-610H AM Transmitter from 1948 contract. Transmitter has not been run, but looks to be in very good condition. All tubes included, no plug in coils or plug in tuning units. This model has the newer sealed transformers similiar to those used in the T-368 transmitter. actual wt approx 400 lbs. Sh Wt 500 lbs.
#VL-BC610 $875.00
Pick Up price $825.00

[Non-text portions of this message have been removed]

# 2179. Re: [T-368_BC-610] BC-610 at Fair Radio

Yahoo group: T-368_BC-610
Date: 2004-12-14 16:41:35 UTC
From: James M. Walker
Topic: 2178  Message: 2179

Seems a bit high, for a unit, that is untested, comes with no tuning units, and
no coils. Tuning units separately listed are 35.00 each, also unknown condx.
The good part is they knock 50.00 off if you pick it up there, but if you live
400 miles away it will cost you 60 -80.00 round trip, plus a stay overnight.

Can't tell if the rear cover is on it from the photo, some folks are keen on
having that, as a safety feature. Does the A.C. line cord and matching connector
come with it, if not add about another 25.00 to that.

Yep seems a "BIT" high! FWIW
Jim
WB2FCN

----- Original Message -----
From: "Trevor Lewis" <kd1yt@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Monday, December 13, 2004 5:13 PM
Subject: [T-368_BC-610] BC-610 at Fair Radio

>
> for those of you who like the 610s, look what Fair Radio has (and some
tuning units too):
>
> scroll down in the folliwing link:
> http://www.fairradio.com/Vintage.htm
>
> BC-610H AM Transmitter from 1948 contract. Transmitter has not been run,
but looks to be in very good condition. All tubes included, no plug in coils
or plug in tuning units. This model has the newer sealed transformers
similiar to those used in the T-368 transmitter.
> actual wt approx 400 lbs. Sh Wt 500 lbs.
> #VL-BC610 $875.00
> Pick Up price $825.00
>
>
> [Non-text portions of this message have been removed]
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# 2180. Need T-368 4-124 tube clamps

Yahoo group: T-368_BC-610
Date: 2004-12-15 21:23:16 UTC
From: doran platt
Topic: 2180  Message: 2180

Anyone have a couple of the clamps for holding down the modulator tubes? I'm trying to find all missing mechanical parts on mine.
Thanks Jeep/K3HVG

# 2181. Re: [T-368_BC-610] Need T-368 4-124 tube clamps

Yahoo group: T-368_BC-610
Date: 2004-12-15 23:46:08 UTC
From: ELDIM
Topic: 2180  Message: 2181

Hello Doran,
What do these crittersd look like and what are they made of?
Glen Galati, KA7OJ
Tacoma, WA
eldim@...
----- Original Message -----
From: doran platt
To: T-368_BC-610@yahoogroups.com
Sent: Wednesday, December 15, 2004 1:23 PM
Subject: [T-368_BC-610] Need T-368 4-124 tube clamps

Anyone have a couple of the clamps for holding down the modulator
tubes? I'm trying to find all missing mechanical parts on mine.
Thanks Jeep/K3HVG

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[Non-text portions of this message have been removed]

# 2182. Re: [T-368_BC-610] Need T-368 4-124 tube clamps

Yahoo group: T-368_BC-610
Date: 2004-12-16 00:07:15 UTC
From: Joe Foley
Topic: 2180  Message: 2182

They are a ring stamped out of sheetmetal big enough
to slide over the glass envelope of the tube and clamp
the air base to the deck by binding on two, I think,
8-32 threaded rods protruding upward from the deck
behind the tube sockets.

Joe

--- ELDIM <eldim@...> wrote:

> Hello Doran,
> What do these crittersd look like and what are they
> made of?
> Glen Galati, KA7OJ
> Tacoma, WA
> eldim@...
> ----- Original Message -----
> From: doran platt
> To: T-368_BC-610@yahoogroups.com
> Sent: Wednesday, December 15, 2004 1:23 PM
> Subject: [T-368_BC-610] Need T-368 4-124 tube
> clamps
>
>
> Anyone have a couple of the clamps for holding
> down the modulator
> tubes? I'm trying to find all missing mechanical
> parts on mine.
> Thanks Jeep/K3HVG
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> [Non-text portions of this message have been
> removed]
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# 2183. Re: [T-368_BC-610] Need T-368 4-124 tube clamps

Yahoo group: T-368_BC-610
Date: 2004-12-16 01:01:27 UTC
From: ELDIM
Topic: 2180  Message: 2183

Okay Joe,
Now all I need to know is the ID Inside Diameter of tge clamp hole and the distance between the two vertical clamping rod.?
73,
Glen Galati
eldim@...
----- Original Message -----
From: Joe Foley
To: T-368_bc-610@yahoogroups.com
Sent: Wednesday, December 15, 2004 4:07 PM
Subject: Re: [T-368_BC-610] Need T-368 4-124 tube clamps

They are a ring stamped out of sheetmetal big enough
to slide over the glass envelope of the tube and clamp
the air base to the deck by binding on two, I think,
8-32 threaded rods protruding upward from the deck
behind the tube sockets.

Joe

--- ELDIM <eldim@...> wrote:

> Hello Doran,
> What do these crittersd look like and what are they
> made of?
> Glen Galati, KA7OJ
> Tacoma, WA
> eldim@...
> ----- Original Message -----
> From: doran platt
> To: T-368_BC-610@yahoogroups.com
> Sent: Wednesday, December 15, 2004 1:23 PM
> Subject: [T-368_BC-610] Need T-368 4-124 tube
> clamps
>
>
> Anyone have a couple of the clamps for holding
> down the modulator
> tubes? I'm trying to find all missing mechanical
> parts on mine.
> Thanks Jeep/K3HVG
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[Non-text portions of this message have been removed]

# 2184. bc-610f in Co.

Yahoo group: T-368_BC-610
Date: 2004-12-16 01:57:21 UTC
From: Jerry Kidd
Topic: 2184  Message: 2184

Here is a 610f on palet and wraped to go. It need a new wiring harness but has lots of coils ansd tuning units. Contact. Dorris. po, box. westcliffe, colo 81252. --- 719, - 783,- 2243. Stan kc0oyo. He wants $800 for it.

# 2185. Re: [T-368_BC-610] Need T-368 4-124 tube clamps

Yahoo group: T-368_BC-610
Date: 2004-12-16 02:12:56 UTC
From: doran platt
Topic: 2180  Message: 2185

The two posts are 2.5 inches apart. They are a circular disk or ring and have two folded spring tabs that are pressed down on each threaded post. The edges of the holes in the tabs sort of "click" down the threads and apply tension. In any number of MIL rigs, the 5U4, etc. is held down in similar fashion. What I don't know is if the ring material is metal or the high temp fiber material on the ones for the 3B28's??? OK, loking at page 69 of the TM, they look like the typical metal ones. The tabs are at 5 and 7 o'clock on the clamp disk. Any help??

>

[Non-text portions of this message have been removed]

# 2186. Re: [T-368_BC-610] Need T-368 4-124 tube clamps

Yahoo group: T-368_BC-610
Date: 2004-12-16 02:37:25 UTC
From: Joe Foley
Topic: 2180  Message: 2186

I almost think that those clamp to the top shoulder of
the glass envelope, that would make just about any
version of the 4-125 a model for the shape and size of
that hole.

Joe

--- ELDIM <eldim@...> wrote:

> Okay Joe,
> Now all I need to know is the ID Inside Diameter of
> tge clamp hole and the distance between the two
> vertical clamping rod.?
> 73,
> Glen Galati
> eldim@...
> ----- Original Message -----
> From: Joe Foley
> To: T-368_bc-610@yahoogroups.com
> Sent: Wednesday, December 15, 2004 4:07 PM
> Subject: Re: [T-368_BC-610] Need T-368 4-124 tube
> clamps
>
>
> They are a ring stamped out of sheetmetal big
> enough
> to slide over the glass envelope of the tube and
> clamp
> the air base to the deck by binding on two, I
> think,
> 8-32 threaded rods protruding upward from the deck
> behind the tube sockets.
>
> Joe
>
>
>
>
> --- ELDIM <eldim@...> wrote:
>
> > Hello Doran,
> > What do these crittersd look like and what are
> they
> > made of?
> > Glen Galati, KA7OJ
> > Tacoma, WA

> > eldim@...
> > ----- Original Message -----
> > From: doran platt
> > To: T-368_BC-610@yahoogroups.com
> > Sent: Wednesday, December 15, 2004 1:23 PM
> > Subject: [T-368_BC-610] Need T-368 4-124 tube
> > clamps
> >
> >
> > Anyone have a couple of the clamps for holding
> > down the modulator
> > tubes? I'm trying to find all missing
> mechanical
> > parts on mine.
> > Thanks Jeep/K3HVG
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# 2187. Re: [T-368_BC-610] Need T-368 4-124 tube clamps

Yahoo group: T-368_BC-610
Date: 2004-12-16 02:46:27 UTC
From: doran platt
Topic: 2180  Message: 2187

That is precisely correct!

Joe Foley wrote:

> I almost think that those clamp to the top shoulder of
> the glass envelope, that would make just about any
> version of the 4-125 a model for the shape and size of
> that hole.
>
> Joe
>
>
>
>
> --- ELDIM <eldim@...> wrote:
>
> > Okay Joe,
> > Now all I need to know is the ID Inside Diameter of
> > tge clamp hole and the distance between the two
> > vertical clamping rod.?
> > 73,
> > Glen Galati
> > eldim@...
> > ----- Original Message -----
> > From: Joe Foley
> > To: T-368_bc-610@yahoogroups.com
> > Sent: Wednesday, December 15, 2004 4:07 PM
> > Subject: Re: [T-368_BC-610] Need T-368 4-124 tube
> > clamps
> >
> >
> > They are a ring stamped out of sheetmetal big
> > enough
> > to slide over the glass envelope of the tube and
> > clamp
> > the air base to the deck by binding on two, I
> > think,
> > 8-32 threaded rods protruding upward from the deck
> > behind the tube sockets.
> >
> > Joe
> >
> >
> >
> >

> > --- ELDIM <eldim@...> wrote:
> >
> > > Hello Doran,
> > > What do these crittersd look like and what are
> > they
> > > made of?
> > > Glen Galati, KA7OJ
> > > Tacoma, WA
> > > eldim@...
> > > ----- Original Message -----
> > > From: doran platt
> > > To: T-368_BC-610@yahoogroups.com
> > > Sent: Wednesday, December 15, 2004 1:23 PM
> > > Subject: [T-368_BC-610] Need T-368 4-124 tube
> > > clamps
> > >
> > >
> > > Anyone have a couple of the clamps for holding
> > > down the modulator
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> > mechanical
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> > > Thanks Jeep/K3HVG
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34690:HM/EXP=1103251062/A=2495202/R=0/SIG=11evjk50a/*http://www.netflix.com/Default?mqso=60188913>
>
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[Non-text portions of this message have been removed]

# 2188. Re: [T-368_BC-610] Need T-368 4-124 tube clamps

Yahoo group: T-368_BC-610
Date: 2004-12-16 03:24:28 UTC
From: w7qho@aol.com
Topic: 2180  Message: 2188

In a message dated 12/15/04 4:14:20 PM, redmenaced@... writes:

> They are a ring stamped out of sheetmetal big enough
> to slide over the glass envelope of the tube and clamp
> the air base to the deck by binding on two, I think,
> 8-32 threaded rods protruding upward from the deck
> behind the tube sockets.
>

No, they clamp down on the top of the tube envelope. The opening in the
middle has enough clearance to preclude any flashover from the plate cap.
Picture in TM 11-809-35.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2189. Re: [T-368_BC-610] Need T-368 4-124 tube clamps

Yahoo group: T-368_BC-610
Date: 2004-12-16 03:24:58 UTC
From: eldim@att.net
Topic: 2180  Message: 2189

Hello Doran,
I no longer have my manual on the T-368 but if memory serves me correctly, the tube clamps for the Modulators 4-125 Tubes, which have a very slight slope from the plate cap to the edge-side of the glass is about 1-1/5". I believe that I have some of these in our tube retainer ring bin, but will have to check later this evening when I return to work for the evening shift. I think that these are stainless steel with the securing holes as you described. I'll see if I have I have a 4-125 on display to verify the fit.

73,
Glen Galati
eldim@...

---------- Original message from doran platt <jeepp@...>: ----------

The two posts are 2.5 inches apart. They are a circular disk or ring
and have two folded spring tabs that are pressed down on each threaded
post. The edges of the holes in the tabs sort of "click" down the
threads and apply tension. In any number of MIL rigs, the 5U4, etc. is
held down in similar fashion. What I don't know is if the ring material
is metal or the high temp fiber material on the ones for the 3B28's???
OK, loking at page 69 of the TM, they look like the typical metal
ones. The tabs are at 5 and 7 o'clock on the clamp disk. Any help??

>

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 2191. T-368F to add to the registry

Yahoo group: T-368_BC-610
Date: 2004-12-25 04:27:21 UTC
From: Tom Norris
Topic: 2191  Message: 2191

I just found a T-368F and would like to add to the registry if there is one.

It's contract # 15498-PP-63, mfg by Oneida, s/n 139

Tom Norris NU4G
Manchester, TN

# 2192. Re: [T-368_BC-610] T-368F (Second Try)

Yahoo group: T-368_BC-610
Date: 2004-12-25 03:14:58 UTC
From: w7qho@aol.com
Topic: 2192  Message: 2192

In a message dated 12/24/04 6:20:52 PM, r390a@... writes:

> I recently came across a T-368F, a 1962 Oneida.
> I can't find any info newer than E suffix. the
> manual on Logsa doesn't cover the F.
>
> A thru E have some pretty good differences between
> models, but what was changed in the F version?
>

Tom,

Starting over.....

This question comes up a couple of times a year.  To the best of my recollection nobody has ever come up with official documentation covering the "F" model.

Changes from the E and earlier models are relatively minor, though. The F has a switch up on the RF chassis that provides the option of having the PTO run continuously or only when the transmitter is keyed. In early rigs the PTOs ran all the time, no option. Then, somewhere along the way, the PTOs always got keyed along with the rest of the xmitter circuits. Only the F had the switch as far as I know.

There was also a later mod to the 600 ohm audio input involving an added matching transformer. Kind of involved with the 600 ohm line coming in to the speech amp. chassis, then off again to the transformer mounted on the main modulator drawer chassis and then back into the speech amp again. Don't know for sure if this was unique to the "F" or not, though.

Hope this helps. You should be able to get along just fine with "E" documentation.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2193. Registries for the T-368 and BC-610

Yahoo group: T-368_BC-610
Date: 2004-12-25 03:21:33 UTC
From: redmenaced
Topic: 2193  Message: 2193

The list for the T-368's is in the "database" section of the homepage,
and shows 78 rigs. The list for the BC-610's is in the "files"
section and shows 32 rigs.

Joe

# 2194. MD-239A/GR anyone?

Yahoo group: T-368_BC-610
Date: 2004-12-25 06:41:34 UTC
From: Tom Norris
Topic: 2194  Message: 2194

Are there any FSK modulators around and for sale? Not that I can afford one right now, but thought I'd ask.

73

Tom NU4G

# 2195. Re: [T-368_BC-610] MD-239A/GR anyone?

Yahoo group: T-368_BC-610
Date: 2004-12-25 13:17:51 UTC
From: ELDIM
Topic: 2194  Message: 2195

Hello Tom,
I may have a couple FSK Modulators buried in the back.
These were used with the T-368 Series HFTransmitters.
My curosity on CHRISTMAS MORNING was stirred so I went digging.
I found one which is called:
MODULATOR, RADIO MD-239A/GR; SN: 21; Manufactured by ONEIDA ELECTRONICS; ORDER # 15498-PP-63. It is designed to mount on the top of the T-368 when configured for RTTY applications.
Now I'd better get my son's JBL Speakers Loaded and head for home. THen I've got some wrapping to do for my lovely XYL. I sure wish I could find a store open as I need some ricotta cheese for a cheese cake and some macaroon cookies for the base. MERRY CHRISTMAS TO ALL.

73,
Glen Galati, KA7BOJ
Tacoma, WA
eldim@...
----- Original Message -----
From: Tom Norris
To: T-368_BC-610@yahoogroups.com
Sent: Friday, December 24, 2004 10:41 PM
Subject: [T-368_BC-610] MD-239A/GR anyone?

Are there any FSK modulators around and for sale? Not that I can afford one right now, but thought I'd ask.

73

Tom NU4G

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[Non-text portions of this message have been removed]

# 2196. BC-610 REGISTRY

Yahoo group: T-368_BC-610
Date: 2004-12-25 20:43:31 UTC
From: Norman & Barbara Ray
Topic: 2196  Message: 2196

Am I missing something on the BC-610 REGISTRY? I must have the wrong page, as I get the listing, but have not been able to register my BC-610E. The reference e-mail comes back. Is there another route?

Norm W7LFA

# 2197. pse reg my t3

Yahoo group: T-368_BC-610
Date: 2004-12-26 02:17:21 UTC
From: george portell
Topic: 2197  Message: 2197

hi i tried to reg my t3 but was unsucessful call w8qbg
email w8qbg@... t368 man b&w ser 331.good
running box.tnx .

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# 2198. BC 610 Coils

Yahoo group: T-368_BC-610
Date: 2004-12-30 02:11:26 UTC
From: k5pgw
Topic: 2198  Message: 2198

Have BC 610E and am looking for coils that cover ham bands. Also may need the 55pf vacuum cap. that plugs in tank. Also may need some of the tuning units. The BC 610 is being delivered to me within the next couple of weeks from another state. Please contact me if anyone has any items they will part with and terms. Thanks and 73, John, K5PGW

# 2199. Interesting website of one member

Yahoo group: T-368_BC-610
Date: 2004-12-30 02:12:12 UTC
From: redmenaced
Topic: 2199  Message: 2199

http://www.geocities.com/tomazuka/mainpage.html

# 2200. Re: [T-368_BC-610] BC 610 Coils

Yahoo group: T-368_BC-610
Date: 2004-12-31 20:29:28 UTC
From: RJ Mattson
Topic: 2198  Message: 2200

Hi John
Sorry, The spare ones I have are 3-4, 6-8, and 8-12.

I have a TU-62, 1-1.5mc that I hope is capable of 160m for my 610.
Anyone know?

bob...w2ami

----- Original Message -----
From: "John King" <k5pgw@...>
To: "RJ Mattson" <rjmattson@...>
Sent: Thursday, December 30, 2004 10:22 AM
Subject: Re: [T-368_BC-610] BC 610 Coils

> Need TU-47 2.0 to 2.5 mc. if that will allow me to go
> to 160, and I need TU-54 12.0 to 18.0 mc. so I can hit
> 20 meters. I have TU- 49 and TU-52. Thanks, John,
> K5PGW

# 2201. Re: [Milsurplus] time mag blasts hams

Yahoo group: T-368_BC-610
Date: 2005-01-02 23:28:00 UTC
From: Joe Foley
Topic: 2201  Message: 2201

<http://www.time.com/time/archive/preview/0,10987,1009913,00.html>
--- Patrick Jankowiak <recycler@...> wrote:

> From the local club mailing list. Seems it is true.
> Guess they think we are all lunatic old men that
> spend too much time in the basement.
>
> (Myself, I'm not too old, nor do I have a basement)
>
> Tom NU4G
>
> ]]]]]]]]]]]]]]]]
>
> This week's issue (December 27) has an article on
> "blogs" on page
> 109.
>
> In the article the following sentence will surely
> grab the
> attention of Ham Radio operators and stamp
> collectors -
>
> "Before this year, blogs were a curiosity, a cult
> phenomenon, a
> faintly embarrassing hobby on the order of HAM RADIO
> and stamp
> collecting."
>
>
> ]]]]]]]]]]]]]]]]
>
> Letters to the editor can be sent to
> letters@....
> Fuss at Time Magazine.
> Please pass this along to all of your ham buddies.
>
> Jess KR4OJ
>
>
>

---

> Milsurplus mailing list
> Home:
> http://mailman.qth.net/mailman/listinfo/milsurplus
> Help: http://mailman.qth.net/mmfaq.htm

> Post: mailto:Milsurplus@...
>

---
Do you Yahoo!?
Yahoo! Mail - Find what you need with new enhanced search.
http://info.mail.yahoo.com/mail_250

# 2202. Re: [T-368_BC-610] Re: [Milsurplus] time mag blasts hams

Yahoo group: T-368_BC-610
Date: 2005-01-12 20:21:35 UTC
From: Gene Beckwith
Topic: 2201  Message: 2202

Hey Joe...

Bring 'em on....the Libs/Marxists are all the same...*losers* every
time...far too stupid to know they're stupid...

73,

G

Joe Foley wrote:

><http://www.time.com/time/archive/preview/0,10987,1009913,00.html>
>--- Patrick Jankowiak <recycler@...> wrote:
>
>
>
>> From the local club mailing list. Seems it is true.
>>Guess they think we are all lunatic old men that
>>spend too much time in the basement.
>>
>>(Myself, I'm not too old, nor do I have a basement)
>>
>>Tom NU4G
>>
>>]]]]]]]]]]]]]]]]
>>
>>This week's issue (December 27) has an article on
>>"blogs" on page
>>109.
>>
>>In the article the following sentence will surely
>>grab the
>>attention of Ham Radio operators and stamp
>>collectors -
>>
>>"Before this year, blogs were a curiosity, a cult
>>phenomenon, a
>>faintly embarrassing hobby on the order of HAM RADIO
>>and stamp
>>collecting."
>>
>>
>>]]]]]]]]]]]]]]]]
>>
>>Letters to the editor can be sent to
>>letters@....

>>Fuss at Time Magazine.
>>Please pass this along to all of your ham buddies.
>>
>>Jess KR4OJ
>>
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>_____
>
>
>>Milsurplus mailing list
>>Home:
>>http://mailman.qth.net/mailman/listinfo/milsurplus
>>Help: http://mailman.qth.net/mmfaq.htm
>>Post: mailto:Milsurplus@...
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>_____
>Do you Yahoo!?
>Yahoo! Mail - Find what you need with new enhanced search.
>http://info.mail.yahoo.com/mail_250
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>Yahoo! Groups Links
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# 2203. T-368C, caps for HV Mod

Yahoo group: T-368_BC-610
Date: 2005-01-18 19:00:13 UTC
From: Dudley Parkin
Topic: 2203  Message: 2203

Hello need a source for the 500PF@20KV door knob caps to mod my T-368C, Thanks Dudley/W5DUD

# 2204. Lake Erie Boatanchor Group - Winter Meet

Yahoo group: T-368_BC-610
Date: 2005-01-25 19:18:31 UTC
From: Mark Foltarz
Topic: 2204  Message: 2204

Well yet another year rolls by, and it is once again time for the Winter meet
of the Lake Erie Boat Anchor Group.

Usual stuff: Coffee, doughnuts, swap and general get together FB.

Get map at www.lakeerieba.com

I'd love to be there shovelling snow but I'm picking grapefruit. HI!

de KA4JVY

Mark

_____
Do you Yahoo!?
Meet the all-new My Yahoo! - Try it today!
http://my.yahoo.com

# 2205. WTB T3 or BC610

Yahoo group: T-368_BC-610
Date: 2005-01-28 16:45:12 UTC
From: skipperclan
Topic: 2205  Message: 2205

Hello all,

Looking to buy a T3 or BC610 for pickup in the upper midwest. I've owned two T-3's in the past (both listed in the regisistry by their current owners) and a BC610/T213 as well. Maybe I'll be smart enough to keep it this time. Doesn't have to be pretty, but I'd like one that's all there and working.

Thanks,

Ron W8ACR
Rugby, ND

# 2206. T-368 Registry

Yahoo group: T-368_BC-610
Date: 2005-01-29 12:37:35 UTC
From: k3hvg03
Topic: 616  Message: 2206

Might I ask who's keeping the registry now? I tried last summer but no joy. The gentleman listed in ER informs me he no longer handles it. My info is as follows:

T-368A, MFG b: AMF, Ser. No. 34, Contract 25209-PHILA-54

Thanks

K3HVG

# 2207. Re: [T-368_BC-610] T-368 Registry

Yahoo group: T-368_BC-610
Date: 2005-01-29 17:56:17 UTC
From: Joe Foley
Topic: 616  Message: 2207

NO ONE is keeping either registry right now.

HINT

HINT

HINT

Joe

--- k3hvg03 <jeepp@...> wrote:

>
> Might I ask who's keeping the registry now? I tried
> last summer but
> no joy. The gentleman listed in ER informs me he no
> longer handles
> it. My info is as follows:
>
> T-368A, MFG b: AMF, Ser. No. 34, Contract
> 25209-PHILA-54
>
> Thanks
>
> K3HVG
>
>
>
>

_____
Do you Yahoo!?
All your favorites on one personal page ? Try My Yahoo!
http://my.yahoo.com

# 2208. Re: [T-368_BC-610] T-368 Registry

Yahoo group: T-368_BC-610
Date: 2005-01-29 21:13:01 UTC
From: doran platt
Topic: 616  Message: 2208

OK..... I'll bite. Assuming it doesn't involve website management,
etc. I can certainly manage most of the current database engines. If
someonecan pass the baton (gracefully) I'll volunteer (in spite of what
I learned very early about volunteering... for anything!)... hi!

Jeep/K3HVG

Joe Foley wrote:

>NO ONE is keeping either registry right now.
>
>HINT
>
>HINT
>
>HINT
>
>Joe
>
>
>
>
>--- k3hvg03 <jeepp@...> wrote:
>
>
>
>>Might I ask who's keeping the registry now? I tried
>>last summer but
>>no joy. The gentleman listed in ER informs me he no
>>longer handles
>>it. My info is as follows:
>>
>>T-368A, MFG b: AMF, Ser. No. 34, Contract
>>25209-PHILA-54
>>
>>Thanks
>>
>>K3HVG
>>
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>_____
>Do you Yahoo!?
>All your favorites on one personal page - Try My Yahoo!
>http://my.yahoo.com
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>Yahoo! Groups Links
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[Non-text portions of this message have been removed]

# 2209. Re: [T-368_BC-610] T-368 Registry

Yahoo group: T-368_BC-610
Date: 2005-01-29 22:27:13 UTC
From: Chris K.
Topic: 616  Message: 2209

Jeep, you need to contact Steve w2zr@...
73 Chris VE3NGW/W4 Florida

doran platt wrote:

> OK..... I'll bite. Assuming it doesn't involve website management,
> etc. I can certainly manage most of the current database engines. If
> someonecan pass the baton (gracefully) I'll volunteer (in spite of what
> I learned very early about volunteering... for anything!)... hi!
>
> Jeep/K3HVG
>
> Joe Foley wrote:
>
> >NO ONE is keeping either registry right now.
> >
> >HINT
> >
> >HINT
> >
> >HINT
> >
> >Joe
> >
> >
> >
> >
> >--- k3hvg03 <jeepp@...> wrote:
> >
> >
> >
> >Might I ask who's keeping the registry now? I tried
> >>last summer but
> >>no joy. The gentleman listed in ER informs me he no
> >>longer handles
> >>it. My info is as follows:
> >>
> >>T-368A, MFG b: AMF, Ser. No. 34, Contract
> >>25209-PHILA-54
> >>
> >>Thanks
> >>
> >>K3HVG
> >>
> >>

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> >_____________________________________
> >Do you Yahoo!?
> >All your favorites on one personal page - Try My Yahoo!
> >http://my.yahoo.com
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> >Yahoo! Groups Links
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>
> [Non-text portions of this message have been removed]
>
>
> Yahoo! Groups Sponsor
> ADVERTISEMENT
> <http://us.ard.yahoo.com/SIG=129slr9b5/M=273541.5630599.6691735.4139299/D=groups/S=17050
34690:HM/EXP=1107119597/A=2061551/R=0/SIG=11sr5b9n1/*http://launch.yahoo.com/artist/videos
.asp?artistID=1001301>
>
>
>
> ------------------------------------------------------------------------
> Yahoo! Groups Links
>
> * To visit your group on the web, go to:
> http://groups.yahoo.com/group/T-368_BC-610/
>
> * To unsubscribe from this group, send an email to:
> T-368_BC-610-unsubscribe@yahoogroups.com
> <mailto:T-368_BC-610-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>

> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
>
>

[Non-text portions of this message have been removed]

# 2210. Re: T-368 Registry

Yahoo group: T-368_BC-610
Date: 2005-01-29 22:51:34 UTC
From: aa9wq
Topic: 616  Message: 2210

I would be glad to post the registry on my web site and up date is as it grows. I need permission to copy the list. If anyone has any objections to this let me know. My web site is w9amr.com. I just need to kow what everyone thinks.
Larry W9AMR The proud owner of 2 T-368's...

--- In T-368_BC-610@yahoogroups.com, "k3hvg03" <jeepp@a...> wrote:
>
> Might I ask who's keeping the registry now? I tried last summer but
> no joy. The gentleman listed in ER informs me he no longer handles
> it. My info is as follows:
>
> T-368A, MFG b: AMF, Ser. No. 34, Contract 25209-PHILA-54
>
> Thanks
>
> K3HVG

# 2211. Re: [T-368_BC-610] Re: T-368 Registry

Yahoo group: T-368_BC-610
Date: 2005-01-29 23:02:59 UTC
From: Chris K.
Topic: 616  Message: 2211

Hi Larry
I'm quite sure that my friend Steve is not interested in the registry
anymore.
If you need to contact him for the details w2zr@...
73 Chris VE3NGW/W4 Florida

aa9wq wrote:

>
> I would be glad to post the registry on my web site and up date is as
> it grows. I need permission to copy the list. If anyone has any
> objections to this let me know. My web site is w9amr.com. I just need
> to kow what everyone thinks.
> Larry W9AMR The proud owner of 2 T-368's...
>
>
>
> --- In T-368_BC-610@yahoogroups.com, "k3hvg03" <jeepp@a...> wrote:
> >
> > Might I ask who's keeping the registry now? I tried last summer but
> > no joy. The gentleman listed in ER informs me he no longer handles
> > it. My info is as follows:
> >
> > T-368A, MFG b: AMF, Ser. No. 34, Contract 25209-PHILA-54
> >
> > Thanks
> >
> > K3HVG
>
>
>
>
> Yahoo! Groups Sponsor
> ADVERTISEMENT
> <http://us.ard.yahoo.com/SIG=129cbqt6e/M=273541.5630599.6691735.4139299/D=groups/S=17050
34690:HM/EXP=1107125498/A=2061551/R=0/SIG=11sr5b9n1/*http://launch.yahoo.com/artist/videos
.asp?artistID=1001301>
>
>
>
> ~-------------------------------------------------------------------~
> Yahoo! Groups Links
>
> * To visit your group on the web, go to:
> http://groups.yahoo.com/group/T-368_BC-610/

>
> * To unsubscribe from this group, send an email to:
> T-368_BC-610-unsubscribe@yahoogroups.com
> <mailto:T-368_BC-610-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
>
>

[Non-text portions of this message have been removed]

# 2212. Registeria

Yahoo group: T-368_BC-610
Date: 2005-01-30 02:55:08 UTC
From: redmenaced
Topic: 2212  Message: 2212

The BC-610 Registry is here:

<http://f3.grp.yahoofs.com/v1/oD_8QeBOGTXOk5L5ESrejp-cllxWE5EdNTCHGrNpZLKhilAgyC_SCF7EfCCKSNJH5jRevZp5hpsN9WcSdG8/BC-610%20Registry>

The T-368 Registry is here:

<http://groups.yahoo.com/group/T-368_BC-610/database?method=reportRows&tbl=1>

I'm not sure what the best way is to update either one of them.

If anyone is confused about my involvement with this, I started this list and am the only moderator, there were two others but they've since declined the honor. Others can do the registries, it'll incite involvement.

FYI, this list has been up for almost 5.5 years and has 185 members.

I never know what to do with bouncing E-mail accounts, did they go on vacation, go SK, or if they are having trouble with their discount E-mail@... account, or if their ISP has installed new anti-SPAM filters to nab the latest crap from Nigeria. I give them several attempts to fix it then I boot them, there's nothing else I can do. So, if you find yourself mysteriously kicked off the list, #1 you wont' be reading this message, and #2 that is why it happened.

Glad I could make sense of that,

Joe

# 2213. Wanted: Back Panel for BC-610(I)

Yahoo group: T-368_BC-610
Date: 2005-01-30 05:41:16 UTC
From: dwreid1942
Topic: 2213  Message: 2213

My BC-610(I) is missing the rear panel. If you have one that you would like to sell, please contact me. Thanks, Dave W6KL Burbank, CA (818) 846-6381

# 2214. p/n for power cord connector?

Yahoo group: T-368_BC-610
Date: 2005-01-30 05:59:25 UTC
From: Tom Norris
Topic: 2213  Message: 2214

Need part number for mating "cord end" power connector
for T-368. Or would it be safer to simply replace both
cabinet and cord connectors with more modern Hubbell
connectors with grounds?

Tom

# 2215. T-3 and 610 Registry

Yahoo group: T-368_BC-610
Date: 2005-01-30 20:21:38 UTC
From: aa9wq
Topic: 2215  Message: 2215

I e-mailed Steve and asked him if I could mirror the info from the old list on my website. I have no way of editing the one that's there. If the moderator of the group wants he can put a link to the page on the data base page. I don't have access to it. I want people to send me a picture of them with there tranmitter(s) T-3's and 610's and I will do photos too a long with the rest of the information. We can make it a really neat page. Everyone let me know what you think and I will start working on this. It will take a week or so to pull it all together. The XYL's mom just pasted a way and we have that to deal with for the next few days. I will start on it shortly after that. If this is a go I want everyone to check all there info and let me know if anything needs updated ie: e-mail ect and what they would like to see on the page. Sounds like fun to me. I need your feed back.

Larry W9AMR
PS I am self employed so I have the time to do this.

# 2216. Re: [T-368_BC-610] T-3 and 610 Registry

Yahoo group: T-368_BC-610
Date: 2005-01-30 22:14:33 UTC
From: doran platt
Topic: 2215  Message: 2216

OK..... Looks like we have some qualified folks to run the database.
I'll standby and, if needed, will re-volunteer. Pix ready to pass
along, when you're ready....
73 Jeep/K3HVG

>

[Non-text portions of this message have been removed]

# 2217. Re: [T-368_BC-610] p/n for power cord connector?

Yahoo group: T-368_BC-610
Date: 2005-01-31 00:51:31 UTC
From: Joe Foley
Topic: 2213  Message: 2217

--- Tom Norris <r390a@...> wrote:

> Need part number for mating "cord end" power
> connector
> for T-368. Or would it be safer to simply replace
> both
> cabinet and cord connectors with more modern Hubbell
> connectors with grounds?
++++++++
You might find the hole isn't big enough for that.

What I did was to use a 1-1/4" X 3/4" galvanized
reducing bushing and a 1-1/4" electrical locknut and
bushing to reduce the hole size so I could then use a
3/4" Kellem-style strain relief that would fit a 10/3
600 volt cord. I grounded the cord to the inside of
the cabinet/frame and used crimp butt splices to
connect to the hot and neutral power wires.

Joe

_____
Do you Yahoo!?
Yahoo! Mail - 250MB free storage. Do more. Manage less.
http://info.mail.yahoo.com/mail_250

# 2218. Chance to see what it'll do:

Yahoo group: T-368_BC-610
Date: 2005-02-02 01:39:32 UTC
From: redmenaced
Topic: 2218  Message: 2218

Copied below is the text from an announcement concerning a Military/Ham Radio special event that I think all of you will find interesting. Please check it out, and please try and participate. For more info please follow the link below.

Steve
KB4DMF

http://www.collinsclubs.com/carc/b-29/

The Collins Amateur Radio Club in cooperation with the Cedar Valley Amateur Radio Club will be operating W0CXX/29 to celebrate the 60th anniversary of the invasion of Iwo Jima. The special event will run from February 19, 2005 18:00 UTC to Feb 20, 02:00 UTC. Contacts will be made on an ART-13 and SCR-274N from a model of the B29 radio operator position. Special QSL. Freq(+/-): 3885 7290 14286 (AM) and 3529, 7029, and 14029 (CW). QSL with SASE to The History Center, 615 1st Ave. SE Cedar Rapids, IA 52401

The plan is to operate the ARC-5 mostly on phone (80) and the ART-13 mostly on CW (20), but we hope to be flexible and switch around, especially get the ART-13 on 80m AM after dark.

Clyde Hussey, a B-29 radio operator who was on the last B-29 mission over Japan, will be at the History Center at noon to inaugurate the B-29 station and make the very first calls.

---

# 2219. vaguely related topic

Yahoo group: T-368_BC-610
Date: 2005-02-06 03:38:11 UTC
From: redmenaced
Topic: 2219  Message: 2219

I think it should be seen by all.

Find the Radio BN bunker! And the commo cooling device.

Caution, one bloody face.

http://teamhouse.tni.net/Misc/Iraq/IraqPictures_files/frame.htm

Amazing work they are doing under tough conditions, they're golden!

Joe

# 2220. WTB BC610 Final Tank Coil

Yahoo group: T-368_BC-610
Date: 2005-02-08 21:57:21 UTC
From: Jeff May
Topic: 2220  Message: 2220

need a 3.5-4.5 MC coil for my restoration effort....must be in good cosmetic and electrical shape....help appreciated...Jeff..W0XV

[Non-text portions of this message have been removed]

# 2221. WTB BC-610 Tank Coil

Yahoo group: T-368_BC-610
Date: 2005-02-08 22:00:00 UTC
From: Jeff May
Topic: 2221  Message: 2221

Reference my pervious message..please answer by email via W0XV@...

[Non-text portions of this message have been removed]

# 2222. FOR SALE: Nice Condition 100% working T-368C for sale near Oklahoma City

Yahoo group: T-368_BC-610
Date: 2005-02-09 14:47:18 UTC
From: Jerry K
Topic: 2222  Message: 2222

Very good condition Crosley built T-368C transmitter, S/N 51. 100%+ modulation, full legal+ power out, new final, new modulators, stock speech amp recently replaced with new N9FOY-designed homebrew speech amp. Original stock military speech amp is included, as is a bound copy of the transmitter manual with details on the speech amp mod. No mods have been done to this rig beyond the speech amp replacement mod. Consistently excellent audio reports with the N9FOY speech amp. Read all about this transmitter and its new speech amp at www.w5kp.com. Be patient if you are on dialup, some of the photos are over 600K. External audio processing gear shown in some photos is NOT included at this price, but can be negotiated.

This T-368C weighs 700 lb. and runs fine on 120VAC 20A power. You pick up (15 mi SW of Oklahoma City), or I will deliver free in the OKC area. I will also deliver or meet you within 200 miles of OKC for a reasonable fuel fee and some unloading help. Drawers are removable, two people easily can handle load/unload. The transmitter sits on permanently installed heavy duty casters for easy handling. $1400 firm, PayPal, cash, or bank check. Please contact me OFF LIST via email regarding this equipment.

Tks/73,
Jerry W5KP

# 2223. Re: [T-368_BC-610] FOR SALE:  Nice Condition 100% working T-368C for sale near Oklahoma City

Yahoo group: T-368_BC-610
Date: 2005-02-09 17:07:18 UTC
From: w7qho@aol.com
Topic: 2223  Message: 2223

In a message dated 2/9/05 6:48:18 AM, w5kp@... writes:

> stock speech
> amp recently replaced with new N9FOY-designed homebrew speech amp.
>

New one on me. Written up anywhere?

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2224. Re: [T-368_BC-610] FOR SALE:  Nice Condition 100% working T-368C for sale near Oklahoma City

Yahoo group: T-368_BC-610
Date: 2005-02-09 17:30:53 UTC
From: Jack Taylor
Topic: 2224  Message: 2224

http://www.w5kp.com/n9foy.html

----- Original Message -----
From: <w7qho@...>
To: <T-368_bc-610@yahoogroups.com>
Sent: Wednesday, February 09, 2005 10:07 AM
Subject: Re: [T-368_BC-610] FOR SALE: Nice Condition 100% working T-368C for sale near Oklahoma City

In a message dated 2/9/05 6:48:18 AM, w5kp@... writes:

> stock speech
> amp recently replaced with new N9FOY-designed homebrew speech amp.
>

New one on me. Written up anywhere?

Dennis D. W7QHO
Glendale, CA

# 2225. RE: [T-368_BC-610] FOR SALE:  Nice Condition 100% working T-368C for sale near Oklahoma City

Yahoo group: T-368_BC-610
Date: 2005-02-12 22:32:18 UTC
From: Mike Feher
Topic: 2223  Message: 2225

Dennis -

That is the same design I use in my T-368F. It is a modification of an old RCA design. It is the one using a pair of 2E26s, with feedback around the 4-125s. Worked well for me. I know it has been a while since you heard it, but, I built it around 1990 or so. I believe N9FOY' name is Steve. He used to be very active on the high end of 160. I actually cannibalized a regular T-368 speech amp and used it as a foundation. I cut off the top of the chassis, built the speech amp on a blank but same size aluminum plate, and aluminum soldered the plate onto the chassis. This way I was able to use the same connector that was on the speech amp. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

-----Original Message-----
From: w7qho@... [mailto:w7qho@...]
Sent: Wednesday, February 09, 2005 12:07 PM
To: T-368_bc-610@yahoogroups.com
Subject: Re: [T-368_BC-610] FOR SALE:  Nice Condition 100% working T-368C for sale near Oklahoma City

In a message dated 2/9/05 6:48:18 AM, w5kp@... writes:

> stock speech
> amp recently replaced with new N9FOY-designed homebrew speech amp.
>

New one on me. Written up anywhere?

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

Yahoo! Groups Links

# 2226. RE: [T-368_BC-610] FOR SALE:  Nice Condition 100% working T-368C for sale near Oklahoma City

Yahoo group: T-368_BC-610
Date: 2005-02-13 02:41:31 UTC
From: Jerry K
Topic: 2223  Message: 2226

I hope I haven't misled anyone. I never meant to imply that the N9FOY amp was "new" in the literal sense of the word. I meant that I recently built this one, so it was new to me, and it does work incredibly well in my T-368C. Compared to the complexity and effort required to build some of the elaborate homebrew speech amps I've seen proposed for the T3, this one is ridiculously simple and easy to build, yet works great. I remain convinced that a hefty amount of negative feedback via the ladder arrangement is the key to it's great performance. This might be a fine example of the KISS principle. My hat is off to Steve Konopka, N9FOY, for an elegant and simple design. If any T3 owner is interested in building one, you can see my website at www.w5kp.com for info and some photos of my particular installation. Schematics and design notes are also posted in the AM Window's Tech section.

73, Jerry W5KP

-----Original Message-----
From: Mike Feher [mailto:n4fs@...]
Sent: Saturday, February 12, 2005 4:32 PM
To: w7qho@...; T-368_bc-610@yahoogroups.com
Subject: RE: [T-368_BC-610] FOR SALE: Nice Condition 100% working T-368C for sale near Oklahoma City

Dennis -

That is the same design I use in my T-368F. It is a modification of an old RCA design. It is the one using a pair of 2E26s, with feedback around the 4-125s. Worked well for me. I know it has been a while since you heard it, but, I built it around 1990 or so. I believe N9FOY' name is Steve. He used to be very active on the high end of 160. I actually cannibalized a regular T-368 speech amp and used it as a foundation. I cut off the top of the chassis, built the speech amp on a blank but same size aluminum plate, and aluminum soldered the plate onto the chassis. This way I was able to use the same connector that was on the speech amp. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

-----Original Message-----
From: w7qho@... [mailto:w7qho@...]
Sent: Wednesday, February 09, 2005 12:07 PM
To: T-368_bc-610@yahoogroups.com
Subject: Re: [T-368_BC-610] FOR SALE:? Nice Condition 100% working T-368C

for sale near Oklahoma City

In a message dated 2/9/05 6:48:18 AM, w5kp@... writes:

> stock speech
> amp recently replaced with new N9FOY-designed homebrew speech amp.
>

New one on me. Written up anywhere?

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2227. T-368C Sold

Yahoo group: T-368_BC-610
Date: 2005-02-13 12:18:28 UTC
From: Jerry K
Topic: 2227  Message: 2227

Thanks to all who expressed interest. The T3 has found a good home.
73, Jerry W5KP

# 2228. T-368 parts for sale

Yahoo group: T-368_BC-610
Date: 2005-02-28 16:26:22 UTC
From: troy-aero@att.net
Topic: 2228  Message: 2228

I have a few left over T-368 parts for sale. They are all from the Fair Radio cannablization/tragety years ago. I have posted pictures of them on my web. Go to //home.att.net/~troy-aero. There are two tank circuit switch sets, a Jennings cap, and the mechanical drive unit which interfaces the two vacuum caps. I would like $75 for the tank/switch unit. I would also like to sell the other tank/switch unit, the vacuum cap, and the drive unit as a set for $225. If that doesn't wind up to become popular I will split later. Thanks, Tim

[Non-text portions of this message have been removed]

# 2229. PRC-74B for sale

Yahoo group: T-368_BC-610
Date: 2005-02-28 17:30:02 UTC
From: Mikhael Brown
Topic: 2229  Message: 2229

Hi,

I got a PRC-104 a while back and am ready to
part with my PRC-74B. I got it several years ago
complete in the box with all the accessories
(antennas, backet, mic, key, ect) and the
accessory bag. It is still complete with the
original operators manual and in excellent
condition. It has one battery box which has 12 AHrs
worth (4-3AH cells) of jell-cells and another new
battery box still in the box unopenned. I also have
the AC Power supply/Charger. It does work and has
been on the air. I am asking $900 for the whole
package. I prefer pickup as the Power
supply/charger is heavy. Otherwise if you would
like it shipped, the buyer needs to cover shipping
from a professional shipping company. I live in the
SF bay area and make trips to Oakhurst (east of Fresno) every few
weeks and would be happy to meet somewhere along the
way.

Let me know if there is any interest.

73's

Mike, N6WIG

Mikhael Brown
e-mail: mikhael@...

# 2230. BC-610I silk screens

Yahoo group: T-368_BC-610
Date: 2005-03-01 16:03:36 UTC
From: pentode01
Topic: 2230  Message: 2230

If anyone is interested, I have silk screens for BC-610I front panel.
I was considering making arrangements for lending them out but am
uncertain of how they will be treated. I bead blasted the front
panel, etch primed and black crinkle painted, then silk screened
using a very durable epoxy paint that did no bleeding at all. Looks
great. If anyone is interested, I would make the screens available
for $75 if they are returned cleaned and in good condition. A $200
deposit would be required upfront, in case the screens are damaged.
I am on Long Island, NY 11743.
Ken N2GHX

# 2231. BC-939 Tuner Price

Yahoo group: T-368_BC-610
Date: 2005-03-04 02:35:35 UTC
From: ab3l1@aol.com
Topic: 2231  Message: 2231

I have a chance to trade for the above mentioned tuner but haven't seen any lately to find a fair market range. Could someone give me an idea to work with? It is in nice shape.

Thanks,

Bob AB3L

[Non-text portions of this message have been removed]

# 2232. Re: [T-368_BC-610] BC-939 Tuner Price

Yahoo group: T-368_BC-610
Date: 2005-03-04 03:28:42 UTC
From: wa5cab@cs.com
Topic: 2231  Message: 2232

Bob,

$125-$225 depending upon cosmetic and mechanical condition and whether or not they include the two fixed vacuum capacitors. The last three I sold went for $150, $150 and $125 but the first was part of a nearly complete SCR-499 and I juggled all the prices in arriving at a set price, the second was part of another deal with a T-213 and BC-614-I, and the third was seven and a half years ago. So start at $175 and work one way or the other. :-)

In a message dated 3/3/2005 8:37:12 PM Central Standard Time, ab3l1@...
writes:
> I have a chance to trade for the above mentioned tuner but haven't seen any
>
> lately to find a fair market range. Could someone give me an idea to work
> with? It is in nice shape.
>
> Thanks,
>
> Bob AB3L

73
Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2233. Re: [T-368_BC-610] BC-939 Tuner Price

Yahoo group: T-368_BC-610
Date: 2005-03-04 12:08:20 UTC
From: ab3l1@aol.com
Topic: 2231  Message: 2233

Got it, thanks Joe and Bob for the info. We'll see how it goes.

Bob AB3L

# 2234. Re: Re: [T-368_BC-610] BC-939 Tuner Price

Yahoo group: T-368_BC-610
Date: 2005-03-04 16:05:25 UTC
From: kd1yt@pshift.com
Topic: 2231  Message: 2234

They seem to vary widely based on condition, geography, relative urgency on the part of buyer &seller, etc. I bought one 12 years ago, complete and clean, for $25 (this was before the more recent/ broader revival of interest in big heavy iron) 2-3 years ago I mentioned here on this list that I had another one for sale that was complete and in unusually nice shape except for one big but fix-able dent in one side of the cabinet cover. No one expressed any interest at all at the time, and then someone later bought it, considerably later, for $75. I knew I wasn't getting top dollar, but had reasonable confidence it was going to someone who wasn't going to gut it for parts (as has happened to a lot of these units), so that influenced my decision to sell at that time for that price. That's a long-winded way of saying not to grind the seller down too aggressively on price, but also that the seller may not have a lot of other people in a bidding war....
73 Trevor KD1YT

----- Original Message ----- From: wa5cab@... [mailto:wa5cab@cs.com] Sent: 3/3/2005 10:28:42 PM To: AB3L1@...;T-368_BC-610@yahoogroups.com Subject: Re: [T-368_BC-610] BC-939 Tuner Price
Bob,

$125-$225 depending upon cosmetic and mechanical condition and whether or not they include the two fixed vacuum capacitors. The last three I sold went for $150, $150 and $125 but the first was part of a nearly complete SCR-499 and I juggled all the prices in arriving at a set price, the second was part of another deal with a T-213 and BC-614-I, and the third was seven and a half years

ago. So start at $175 and work one way or the other. :-)

In a message dated 3/3/2005 8:37:12 PM Central Standard Time, ab3l1@... writes:
>I have a chance to trade for the above mentioned tuner but haven't seen any
>
>lately to find a fair market range. Could someone give me an idea to work
>with? It is in nice shape.
>
>Thanks,
>

>Bob AB3L

73

Robert Downs - Houston
<
[http://www.wa5cab.com]http://www.wa5cab.com >(Web Store)

(Primary email)

(Backup email)

[Non-text portions of this message have been removed]

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Yahoo! Groups Links

· To visit your group on the web, go to:
[http://groups.yahoo.com/group/T-368_BC-610/] http://groups.yahoo.com/group/T-368_BC-610/

To unsubscribe from this group, send an email to:
[mailto:T-368_BC-610-unsubscribe@...m?subject=Unsubscribe]
T-368_BC-610-unsubscribe@yahoogroups.com

Your use of Yahoo! Groups is subject to the [http://docs.yahoo.com/info/terms/]Yahoo! Terms of Service .

[Non-text portions of this message have been removed]

# 2235. WTB AS-2259 antenna base

Yahoo group: T-368_BC-610
Date: 2005-03-04 16:48:56 UTC
From: Mikhael Brown
Topic: 2235  Message: 2235

Hello,

I am looking for the base for the NVIS AS-2259 antenna set. If anyone has one for sale or knows where I can find one, please send me an email.

Thanks,

Mike

Mikhael Brown
N6WIG
e-mail: mikhael@...

# 2236. blower

Yahoo group: T-368_BC-610
Date: 2005-03-13 16:48:24 UTC
From: n8lka
Topic: 2236  Message: 2236

I have a crosley t368 that needs the blower fan bearings replaced.This is the fan that is in the low part of the t368. any one know where I can get the bearings and maybe a part number.
thanks

# 2237. Greetings from Mexico City

Yahoo group: T-368_BC-610
Date: 2005-03-14 19:06:46 UTC
From: parnaudl
Topic: 2237  Message: 2237

Hi to All

Thanks a lot for let me join the group, Im XE1YZY, Pedro Arnaud in Mexico City, I Have 2 BC-610-E in restoration, Im also collect old Ham and Military radios since long time ago.

Again many thanks, and 73's to all

Pedro XE1YZY

# 2238. Re: [T-368_BC-610] Greetings from Mexico City

Yahoo group: T-368_BC-610
Date: 2005-03-14 19:54:42 UTC
From: w7qho@aol.com
Topic: 2237  Message: 2238

In a message dated 3/14/05 11:16:28 AM, parnaudl@... writes:

> Thanks a lot for let me join the group, Im XE1YZY, Pedro Arnaud in
> Mexico City, I Have 2 BC-610-E in  restoration, Im also  collect old
> Ham and Military radios since long time ago.
>

Pedro,

Welcome aboard.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2239. Some Pics of my BC610E

Yahoo group: T-368_BC-610
Date: 2005-03-14 20:15:42 UTC
From: parnaudl@aol.com
Topic: 2239  Message: 2239

Hi to All...

Following you will find some pics of my " widow makers" regards to all!

Pedro XE1YZY

_http://www.angelfire.com/electronic2/xe1yzy/32g/index.album?i=0_
(http://www.angelfire.com/electronic2/xe1yzy/32g/index.album?i=0)

[Non-text portions of this message have been removed]

# 2240. Re: [T-368_BC-610] Some Pics of my BC610E

Yahoo group: T-368_BC-610
Date: 2005-03-14 20:53:14 UTC
From: James M. Walker
Topic: 2239  Message: 2240

Ola Pedro,
and welcome. Nice photos, looks like most of them are there.

Did you get manuals with them? The one picture shows you are missing
the neutralizing cap and the RFC from the bracket. Keep me posted as
to your progress, and any problems you may have with them. If I can be
of assistance.

Jim
WB2FCN
http://eshop1.chem.buffalo.edu

----- Original Message -----
From: <parnaudl@...>
To: <t-368_bc-610@yahoogroups.com>
Sent: Monday, March 14, 2005 3:15 PM
Subject: [T-368_BC-610] Some Pics of my BC610E

>
> Hi to All...
>
> Following you will find some pics of my " widow makers" regards to all!
>
> Pedro XE1YZY
>
> _http://www.angelfire.com/electronic2/xe1yzy/32g/index.album?i=0_
> (http://www.angelfire.com/electronic2/xe1yzy/32g/index.album?i=0)
>
>
> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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# 2241. Re: [T-368_BC-610] Greetings from Mexico City

Yahoo group: T-368_BC-610
Date: 2005-03-14 20:58:54 UTC
From: Geoff
Topic: 2237  Message: 2241

parnaudl wrote:

>Hi to All
>
>Thanks a lot for let me join the group, Im XE1YZY, Pedro Arnaud in
>Mexico City, I Have 2 BC-610-E in restoration, Im also collect old
>Ham and Military radios since long time ago.
>
>Again many thanks, and 73's to all
>
>Pedro XE1YZY
>

Bienvinidos, Pedro!

in the early morning hours, there is AM activity on 3.885, mostly in the Southern US Region at
around 4:30 or 5am. Please come join in. You should have no problem hearing WA5CMI,
W5OD, W5SUM or KB5YA, all in Texas, except for W5SUM in Shreveport, LA.

Y, yo vida en San Antonio, Tejas.
perro, yo es en New Orleans, oreta, con mucho travajo.

Mi espanol es bueno para un juedo...
es no bueno por nada, para un mexicano, so I do the best I can :-)

73 = Best Regards
Bueno Suarte'
-Geoff/W5OMR
(/5 New Orleans, LA)

# 2242. Re: [T-368_BC-610] Some Pics of my BC610E

Yahoo group: T-368_BC-610
Date: 2005-03-14 21:59:04 UTC
From: Joe Foley
Topic: 2239  Message: 2242

Que paso, Pedro!

Su Ingles es bueno, nuestro Espanol,..... enh.

The radios look PERFECT! Nice project for the hot
summer spent in the airconditioned shop.

Now, Pedro, here's the challenge! What is the surplus
situation in Mexico? Are there any good stores that
sell this stuff? Does the Mexican gov't sell their
old radios to the civilians? Are there any R-390's,
R-390A's or T-368's in civilian hands down there? Do
you have a good supply of tubes for these radios?

What are you using in your station?

Joe KG2CI

--- parnaudl@... wrote:
> Hi to All...
>
> Following you will find some pics of my " widow
> makers" regards to all!
>
> Pedro XE1YZY
>
>
_http://www.angelfire.com/electronic2/xe1yzy/32g/index.album?i=0_
>
>
(http://www.angelfire.com/electronic2/xe1yzy/32g/index.album?i=0)
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> [Non-text portions of this message have been
> removed]
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# 2243. BC-610H

Yahoo group: T-368_BC-610
Date: 2005-03-14 22:08:20 UTC
From: Dave and Merrijoy
Topic: 2243  Message: 2243

FYI...there's a BC-610H at Fair Radio in Lima, Ohio. Looks quite nice judging from the picture on their website.
Dave w9ocm

[Non-text portions of this message have been removed]

# 2244. Re: [Milsurplus] Re: T-368 xmtrs

Yahoo group: T-368_BC-610
Date: 2005-03-14 22:15:29 UTC
From: Joe Foley
Topic: 2244  Message: 2244

--- Tom Norris <r390a@...> wrote:
> I have an T3-F here, and Fair Radio Sales used to
> sell them 'til they ran out about 8-10 years ago.
> They had pallets full at one time, saw 'em myself.
>
> I suspect Joe is referring to those that were in
> active use since he moderates a T-368 group. :-)
+++++++++
What I meant was that none have been surplussed since
'92, the ones in private hands came out before that.
I SAW piles of them at Seneca Army Depot and Griffiss
AFB waiting to be crushed! They never came up for
sale to us, the usual buyers at those auctions, we
were waiting for them!

I HAVE one of the last two tht Fair Radio sold.

My R-390A came from the Syracuse Naval Reserve Station
and was sold at the Griffiss AFB DRMO auction,
probably one of the last ones sold that wasn't trashed
at the St. Julien's Creek Massacre. It was stored
inside and came with METERS!

That should set that straight,

Joe

_____
Do you Yahoo!?
Yahoo! Mail - now with 250MB free storage. Learn more.
http://info.mail.yahoo.com/mail_250

# 2245. Re: [T-368_BC-610] Greetings from Mexico City

Yahoo group: T-368_BC-610
Date: 2005-03-15 03:36:04 UTC
From: Ed Zeranski
Topic: 2237  Message: 2245

Pedro,
Hello from San Diego! I have a 610I and travel through Baja quite a
bit.

# 2246. BC-610E MODULATION TRANSFORMER

Yahoo group: T-368_BC-610
Date: 2005-03-19 19:59:21 UTC
From: Norman & Barbara Ray
Topic: 2137  Message: 2246

My BC-610E restoration is complete and ready to go
but......shorted modulation transformer. I sent out an "SOS" a few months
ago and I thought I had one lined up but I guess they decided to keep it.
In any event, if there is one out there that is not needed I would
appreciate buying it. The "E" model uses the open frame transformer with
the terminals out each end.

If someone has a spare they feel comfortable parting with it would be
greatly appreciated.

I really enjoyed the restoration and am proud of the finished
product....another historical item back among the living.

Norm W7LFA

# 2247. Blown-Fuse Indicator Lights

Yahoo group: T-368_BC-610
Date: 2005-03-26 03:11:49 UTC
From: w7qho@aol.com
Topic: 2247  Message: 2247

I've located a source for the square neon blown-fuse indicator lights used on the T-368 power supply drawer. Anyone need these?

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2248. solid state 3b28

Yahoo group: T-368_BC-610
Date: 2005-03-26 11:36:32 UTC
From: n8lka
Topic: 2248  Message: 2248

I got a pair of solid state 3b28 that came out of a 30s1.What I was wondering can I put these in my t368 crosley,or is there something else that I would have to do. 73

# 2249. Re: [T-368_BC-610] solid state 3b28

Yahoo group: T-368_BC-610
Date: 2005-03-26 12:11:45 UTC
From: James M. Walker
Topic: 2248  Message: 2249

Nothing special is necessary, IF they are the 3B28 replacements, just plug them in and go.
Jim
WB2FCN

n8lka wrote:
>
> I got a pair of solid state 3b28 that came out of a 30s1.What I was
> wondering can I put these in my t368 crosley,or is there something
> else that I would have to do. 73
>
>
>
> Yahoo! Groups Links
>
>
>
>

# 2250. RE: [T-368_BC-610] solid state 3b28

Yahoo group: T-368_BC-610
Date: 2005-03-26 12:17:11 UTC
From: Jerry K
Topic: 2248  Message: 2250

I presume you are talking about 1N2637's. You could stick them into a T3 without further modification, but I can't imagine why you'd want to. Although it must have happened somewhere, sometime, I personally have never seen a 3B28 fail, and I first started working with them in 1961 in Navy radar equipment. I have never heard of one failing in a T3. Solid state HV rectifiers are not recommended in many transmitters because of the instant HV they give (no ramp-up time), but in a T3 with the 25-second HV delay that shouldn't be a factor. Most people want to solid-state a HV supply to get rid of some filament load on an overworked PS transformer (not a problem with T3's), or to reduce heat in a small, crowded cabinet (again not a factor), or to get rid of troublesome 866A mercury vapor tubes, such as in the EFJ Valiant. To replace 3B28's with 1N2637's in a T3 seems to me like hauling coal to Newcastle. I'd sell them to some Valiant or Collins owner instead.

73, Jerry W5KP

-----Original Message-----
From: n8lka [mailto:n8lka@...]
Sent: Saturday, March 26, 2005 5:37 AM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] solid state 3b28

I got a pair of solid state 3b28 that came out of a 30s1.What I was wondering can I put these in my t368 crosley,or is there something else that I would have to do. 73

Yahoo! Groups Links

# 2251. WTD: BC-939

Yahoo group: T-368_BC-610
Date: 2005-03-26 23:37:32 UTC
From: k0dan
Topic: 2251  Message: 2251

Looking for complete BC-939 or parts unit only.
What have you?
Please email direct to
k0dan@...
Thanks and 73
Dan

# 2252. Fwd: where does the wire go?

Yahoo group: T-368_BC-610
Date: 2005-03-31 02:11:17 UTC
From: John King
Topic: 2252  Message: 2252

Note: forwarded message attached.

_____
Do you Yahoo!?
Yahoo! Small Business - Try our new resources site!
http://smallbusiness.yahoo.com/resources/

[Non-text portions of this message have been removed]

# 2253. Loose wire in BC-610 E

Yahoo group: T-368_BC-610
Date: 2005-03-31 03:45:33 UTC
From: John King
Topic: 2253  Message: 2253

Sorry about my post that didn't have a text. I have a loose wire dangling in my BC 610 E.

The loose wire has a ring terminal on its loose end and comes from under the modulator deck through a grommet to the top of the modulator deck. the wire is black from the ring terminal to the laced bundle it is in.

The bundle comes through modulator deck between T 7, T8 and L2 and L3. All of the other wires in the bundle appear to go to the relay on top of the modulator chassis. I believe that the wire is the only thing keeping me from firing it up.

If I can provide additional information, just let me know. Please look at your BC 610 E and see if you can spot the wire I am asking about. Your help will be greatly appreciated. thanks and 73, John, K5PGW

---
Do you Yahoo!?
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http://smallbusiness.yahoo.com/resources/

# 2254. SCR-625C Metal Detector

Yahoo group: T-368_BC-610
Date: 2005-04-11 15:57:41 UTC
From: Mikhael Brown
Topic: 2254  Message: 2254

Any one know what the value of a SCR-625C metal detector is? I had an email from someone who wanted to know and I have no idea. Thought someone on list may have an idea.

Thanks,

Mike

Mikhael Brown
e-mail: mikhael@brown.org

# 2255. WTB

Yahoo group: T-368_BC-610
Date: 2005-04-11 23:22:32 UTC
From: tropicwind@aol.com
Topic: 1316  Message: 2255

Hi Gents,

1) I am a T-368 E , owner and have a question. I have modified the preamp and get very clean audio from it, but am having problems getting good lows and Hi's after the grids of the 4-125's.

I am thinking that the problem is the Mod Transformer. Has anyone run into this problem ?

2) Also, it is off topic , but I am lookong to buy a GPT 750, if anyone has knowledge of one F/S please contact me offline.

[Non-text portions of this message have been removed]

# 2256. Re: [T-368_BC-610] WTB

Yahoo group: T-368_BC-610
Date: 2005-04-12 02:30:08 UTC
From: Mark Foltarz
Topic: 1316  Message: 2256

) Also, it is off topic , but I am lookong to buy a GPT 750, if anyone has knowledge of one F/S please contact me offline.

Thats a good one! Pure hen's teeth these days. Unobtanium , etc.

Can you believe that these were available at scrap prices in the West & mountain states in the 70's.

Oh! the stories I have heard from 5 land operators and points west.

The only one I have ever seen cost the guy $2K and was a heap.

I would consider trading BOTH of my GPT1Ks for a GPT 750.

Well.... Maybe only one.

de KA4JVY
Mark

---

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# 2257. MRCG 2005

Yahoo group: T-368_BC-610
Date: 2005-04-13 06:24:14 UTC
From: w7qho@aol.com
Topic: 2257  Message: 2257

Military Radio Collectors Group - 2005 Meeting
Official website: http://www.syzen.com/milradio/
---

The tenth annual meeting of the Military Radio Collectors Group will be held at the NCO Club, Camp San Luis Obispo, California, May 6 to May 7, 2005. Events will formally begin at 0700 Friday morning, but early arrivals are welcome on Thursday afternoon, May 5. Registration will be open at 1800 Thursday evening. Those planning to attend should contact Lynn Fielding at lynn@... or (310) 533 – 8627.

THOSE ATTENDING MUST SHOW AUTOMOBILE REGISTRATION, PROOF OF INSURANCE AND IDENTIFICATION AT THE FRONT GATE!  For more information and registration forms go to:
http://www.calguard.ca.gov/cslo/Veh_Pass_rules.htm

Secured areas for equipment operation and display will be available inside the Club and there is ample room on the surrounding grounds and the campground to accommodate outdoor activities. Suggested operating frequencies during the meet are 3870 kHz, 3885 kHz and 7293 kHz for AM, 3996 kHz and 7296 kHz for USB, and 29.6 MHz and 51.0 MHz for FM. The use of 146.52 is recommended for simplex operation.

Friday Program
---
Friday will be devoted to equipment setup and display, operating events, technical presentations, equipment judging and informal gatherings in and around the campground. Special activities will include fox hunts on six M, (51.0 MHz), and 3885 kHz.

Saturday Program
---
The equipment exchange will be held from 0730 – 1100 on Saturday morning with a barbecue (advance sign up required) following at noon.  The business meeting will convene at 1300.  Event clean up will commence at 1500.

Presentations
---
Robert Burger, WB6VMI Topic: The GPT 10K Transmitter
Bart Rowlett, WB6HQK Topic: Evolution of the Field Telegraph, 1903 – 1965
Ludwell Sibley, KB2EVN Topic: The "Gibson Girl" Lifeboat Radio
Bill Feldmann, N6PY Topic: Restoring the Hallicrafters SX-28
Receiver

A time schedule will be provided at registration.  Anyone else interested in providing a presentation, demonstration, or field exercise should contact Dennis DuVall at W7QHO@... or (818) 240 – 7907.

Food and Drink
---
Coffee and tea will be available during the event for a donation of 50 cents per cup.  Bottled water and soft drinks will be available for 75 cents each. Continental breakfast items and juice will be available on Friday and Saturday mornings for 50 cents each.  Lunch on Friday, dinner on Friday, and a lunch on Saturday will be available with advance sign up.

Lunch Friday - Barbecue Tri Tip Sandwich, baked beans, cole slaw, and dessert by Wild Bill's Barbecue.  Approximate cost $11.00

Dinner Friday - Appetizers, Chinese Chicken Salad, Antipasto Salad, Green Salad, and dessert.  Approximate cost $8.00

Lunch Saturday - On Site grilled Barbecue Beef, Chicken, assorted side dishes, and dessert.  Approximate cost $10.00

Those planning to attend and those wanting to participate in the on site meal options should reply by April 18, Contact Lynn Fielding at lynn@..., or leave a voice mail at (310) 533- 8627

The bar in the club may be officially open during certain periods and drinks may be purchased at those times. THE CONSUMPTION OF ALCOHOL IN THE CLUB OR ON THE SURROUNDING GROUNDS AT ALL OTHER TIMES IS PROHIBITED!

Video & T-Shirt
---
Bob Heusser, K6TUY, plans to record the event this year.  A T-shirt for the tenth annual meeting of the Military Radio Collectors Group will also be available.

Accommodations
---
Tent and car camping facilities are available on-site adjacent to the NCO Club.  Full RV hookup are available for $14 and electricity and water only are available for $12 per night.  Billeting is available at the camp on a space available basis for $21 per person per night.  Hookup and billeting reservations can be made by calling (805) 594 - 6500.

Finances
---
There are no admission charges for this event, but a fair share contribution of $10.00 is requested from each participant to cover costs.

Directions
---
Camp San Luis Obispo is five miles west of the city of San Luis Obispo. From the 101, take highway 1 west toward Morro Bay. Turn south (left) from Highway 1 to enter at the main gate.  The NCO Club and the campground are on the west side of the camp.  Direction signs will be posted along the route from the main gate to the NCO Club.

Points of Contact
---

Dennis DuVall, W7QHO
W7QHO@...
(818) 240 – 7907

Lynn Fielding, KE6JZD (Registration and Logistics)
lynn@...
(310) 533 – 8627

Bart Rowlett, WB6HQK
bart@...
(310) 533 – 8627

Rian Robinson, W6SUV (Equipment Judging)
krrobison@...
(562) 421 – 7213

Hank Brown, W6DJX
htbrown@...
(661) 943 – 2027

Other Useful Information
---
http://visitslo.com/
http://www.discoverourtown.com/TownPage.php?Town=2156&Cat=Organizations
http://www.calguard.ca.gov/CAAG-MS/

[Non-text portions of this message have been removed]

# 2258. IS THIS SITE ALIVE AND WELL????

Yahoo group: T-368_BC-610
Date: 2005-05-03 00:35:50 UTC
From: Norman & Barbara Ray
Topic: 2258  Message: 2258

It has been pretty quiet on this reflector.....We need to stir it up!

Still looking for a BC-610E modulation transformer. Several offers but no cigars.....some due to the wrong model. I need the one which mounts on top of the modulation chassis with the leads out each end.

I need this to complete my restoration.

Thanks,

Norm W7LFA on the "Left Coast".

# 2259. Re: [T-368_BC-610] IS THIS SITE ALIVE AND WELL????

Yahoo group: T-368_BC-610
Date: 2005-05-03 00:42:54 UTC
From: wa5cab@cs.com
Topic: 2258  Message: 2259

Norm,

It has been quiet. Seems to still be working OK, though.

I checked on the modulation transformer but although I have a plate transformer for an E, the only modulation transformer I have is F. Which as you say is significantly different.

In a message dated 5/2/2005 7:36:57 PM Central Daylight Time,
normray@... writes:
> It has been pretty quiet on this reflector.....We need to stir it up!
>
> Still looking for a BC-610E modulation transformer. Several offers but no
> cigars.....some due to the wrong model. I need the one which mounts on top
> of the modulation chassis with the leads out each end.
>
> I need this to complete my restoration.
>
> Thanks,
>
> Norm W7LFA on the "Left Coast".
>

73
Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2260. All cats (T-368's)are (not) gray!

Yahoo group: T-368_BC-610
Date: 2005-05-03 11:23:58 UTC
From: k3hvg03
Topic: 2260  Message: 2260

I've found out the difficult way that all T-368 mechanical parts are not the same nor interchangable. I'd been looking for a back panel for my "A" model for about a year when Fair Radio came up with an acceptable one, found "out back". I got it and refinished it, complete with a nice replacement blower and filter elements. It really looks really nice.. matching paint, the works. Hmmmm.. something's not right? Turns out, back panels are not all the same. The fasteners on the top, bottom, and the one in the middle aligned up perfectly. The problem is, the "A" model has 7 side fasteners, the panel from Fair had only 6. Oh well.. I popped out the errant side fasteners and hung the panel, anyway. Quoting from the "Battle of Britain"..: "We'll bloody go with what we've got!" and it does keep the riff-raff out.

# 2261. Re: [T-368_BC-610] IS THIS SITE ALIVE AND WELL????

Yahoo group: T-368_BC-610
Date: 2005-05-03 21:03:33 UTC
From: yardleyite@aol.com
Topic: 2258  Message: 2261

Is the mod transformer from your BC-610-F potted and roundish shaped? I
believe the earlier BC-610 mod transformers were not potted and had bells on both
ends.
Regards,
Joe Cro N3IBX

[Non-text portions of this message have been removed]

# 2262. Re: [T-368_BC-610] All cats (T-368's)are (not) gray!

Yahoo group: T-368_BC-610
Date: 2005-05-04 00:31:45 UTC
From: Joe Foley
Topic: 2260  Message: 2262

Not only that but somewhere along the line they put
two holes in the top side to hang the panel from while
fastening the first Dzus screws.

I think it was after the "D" model.

Joe

--- k3hvg03 <jeepp@...> wrote:
> I've found out the difficult way that all T-368
> mechanical parts are
> not the same nor interchangable. I'd been looking
> for a back panel
> for my "A" model for about a year when Fair Radio
> came up with an
> acceptable one, found "out back". I got it and
> refinished it,
> complete with a nice replacement blower and filter
> elements. It
> really looks really nice.. matching paint, the
> works. Hmmmm..
> something's not right? Turns out, back panels are
> not all the same.
> The fasteners on the top, bottom, and the one in
> the middle aligned
> up perfectly. The problem is, the "A" model has 7
> side fasteners, the
> panel from Fair had only 6. Oh well.. I popped out
> the errant side
> fasteners and hung the panel, anyway. Quoting from
> the "Battle of
> Britain"..: "We'll bloody go with what we've got!"
> and it does keep
> the riff-raff out.
>
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>

---------------------------------------------------
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

# 2263. Re: [T-368_BC-610] IS THIS SITE ALIVE AND WELL????

Yahoo group: T-368_BC-610
Date: 2005-05-04 00:08:32 UTC
From: k0dan
Topic: 2258  Message: 2263

OK, I'll chime in. I have an RF ammeter from a BC939...which I want to to use in a homebrew antenna tuner. Any suggestions how to test the beast? Just put it in series with some modest (100W) RF power and see if it reacts? The meter seems to stick in certain positions, but when tapped, the needle moves (then sticks) at another position. But I have the sense it's OK.

And if OK, I'd like to locate a second (matching) unit so I can have one meter in each leg of a balanced feedline to measure antenna currents.

Your thoughts, group?

73

Dan
K0DAN
----- Original Message -----
From: Norman & Barbara Ray
To: BC-610 Relector
Sent: Monday, May 02, 2005 7:35 PM
Subject: [T-368_BC-610] IS THIS SITE ALIVE AND WELL????

It has been pretty quiet on this reflector.....We need to stir it up!

Still looking for a BC-610E modulation transformer. Several offers but no cigars.....some due to the wrong model. I need the one which mounts on top of the modulation chassis with the leads out each end.

I need this to complete my restoration.

Thanks,

Norm W7LFA on the "Left Coast".

Yahoo! Groups Links

To visit your group on the web, go to:
http://groups.yahoo.com/group/T-368_BC-610/

To unsubscribe from this group, send an email to:
T-368_BC-610-unsubscribe@yahoogroups.com

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

# 2264. RE: IS THIS SITE ALIVE AND WELL?????

Yahoo group: T-368_BC-610
Date: 2005-05-04 03:26:51 UTC
From: Norman & Barbara Ray
Topic: 2264  Message: 2264

Thanks for the few leads on the BC-610E modulation transformer. Nothing yet but patience will pay off I am sure.

We need to save these parts......found a power supply deck for I believe the post BC-610E era with the sub chassis terminals. The previous owner was going to "deep six" it. Not for mine but someone will need them sometime.

Norm W7LFA

# 2265. Special event station K2A

Yahoo group: T-368_BC-610
Date: 2005-05-17 19:24:03 UTC
From: redmenaced
Topic: 2265  Message: 2265

Set up for the Bi-Centennial of Angelica, NY.

Starts tomorrow, May 18, and goes to Thursday, May 26.

http://www.ncvec.org/record_details.php?id=3068

Joe KG2CI

# 2266. Re: [T-368_BC-610] Special event station K2A

Yahoo group: T-368_BC-610
Date: 2005-05-17 19:41:45 UTC
From: rbethman@comcast.net
Topic: 2265  Message: 2266

Operating fregs would be VERY useful!

Bob - N0DGN

> Set up for the Bi-Centennial of Angelica, NY.
>
> Starts tomorrow, May 18, and goes to Thursday, May 26.
>
> http://www.ncvec.org/record_details.php?id=3068
>
> Joe KG2CI
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> Yahoo! Groups Links
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# 2267. Re: [T-368_BC-610] Special event station K2A

Yahoo group: T-368_BC-610
Date: 2005-05-18 02:04:59 UTC
From: James M. Walker
Topic: 2265  Message: 2267

Oh Good,
Are they going to be running a BC-610 or T-368 on AM or CW? That might
be worth a listen!
Jim
WB2FCN

redmenaced wrote:
>
> Set up for the Bi-Centennial of Angelica, NY.
>
> Starts tomorrow, May 18, and goes to Thursday, May 26.
>
> http://www.ncvec.org/record_details.php?id=3068
>
> Joe KG2CI
>
>
>
> Yahoo! Groups Links
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# 2268. Re: [T-368_BC-610] Special event station K2A

Yahoo group: T-368_BC-610
Date: 2005-05-18 20:57:09 UTC
From: K3PID
Topic: 2265  Message: 2268

I went to the link but didn't see anything about a special event???

K3PID Ron H.
----- Original Message -----
From: redmenaced
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, May 17, 2005 2:24 PM
Subject: [T-368_BC-610] Special event station K2A

Set up for the Bi-Centennial of Angelica, NY.

Starts tomorrow, May 18, and goes to Thursday, May 26.

http://www.ncvec.org/record_details.php?id=3068

Joe KG2CI

---
Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/T-368_BC-610/

b.. To unsubscribe from this group, send an email to:
T-368_BC-610-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 2269. Re: Special event station K2A/ update,.... kind of

Yahoo group: T-368_BC-610
Date: 2005-05-22 02:40:48 UTC
From: redmenaced
Topic: 2265  Message: 2269

The date is for NEXT month, the freqs haven't been determined yet.
Lowell is very busy with work and he/we haven't done much planning yet.

I was wondering if I could do the AM/80 mtr portion of the band from
here instead of from his station. Anyone know for sure?

Thanks,

Joe

--- In T-368_BC-610@yahoogroups.com, "redmenaced" <redmenaced@y...> wrote:
> Set up for the Bi-Centennial of Angelica, NY.
>
> Starts tomorrow, May 18, and goes to Thursday, May 26.
>
> http://www.ncvec.org/record_details.php?id=3068
>
> Joe KG2CI

# 2270. T-368 Modulator Bias setting

Yahoo group: T-368_BC-610
Date: 2005-06-03 03:35:05 UTC
From: paul03034
Topic: 2270  Message: 2270

Hi,
I got a T-368 and am checking it out(never been in another hams hands). Only thing done to it by me is the bypass of the filters and clipper tube on the audio sub-assy. If I set the switch to Mod Bias x20 and and set the bias to 50Ma (half way between 0 and 5 on the excitation meter)the modulator tubes will start to glow red, so I can't set according to manual. Am I missing the boat here? Meter scale at 5 would be 5x20=100Ma because switch says x20 for the multiplier on the excitation meter. Changed the two 4-125A tubes that were dated 1959 and same deal. Modulation does not seem clean until I bring bias up about 2 lines on meter which would equal 20Ma Bias.
Max power out is 300W with 225Ma plate current (PA Seems Soft). Modulation is downward about 25-50 watts probably at over 100% modulation applied.
Any thoughts or suggestions would be appreciated and thank you in advance of any help.

Paul

# 2271. Re: [T-368_BC-610] T-368 Modulator Bias setting

Yahoo group: T-368_BC-610
Date: 2005-06-03 15:33:46 UTC
From: James M. Walker
Topic: 2270  Message: 2271

Ola Paul,
First I would need to know which model T-368 you're using, then I would say that if you followed the manual which manual do you have?

The Military way to tune it assuming it isn't modified is to set the modulator bias to 40 - 50 MA, with the transmitter in AM mode and the tune operate switch in operate, then with no audio set the modulator plate current to 40 - 50 MA and leave it. If your 4-125s are glowing then they are being driven hard, (not a good sign) even with no signal.

The setting for the modulator isn't finicky (in my experience) if things are running per the manual. Did you check the underside of the modulator deck for broken or missing components as per the manuals for the unit?

More info, need more info, OVER!

Jim
WB2FCN
"My radio weighs 400+ pounds has handles and wheels, "It's a Portable"!
http://eshop1.chem.buffalo.edu

----- Original Message -----
From: "paul03034" <paul03034@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Thursday, June 02, 2005 11:35 PM
Subject: [T-368_BC-610] T-368 Modulator Bias setting

> Hi,
> I got a T-368 and am checking it out(never been in another hams
> hands). Only thing done to it by me is the bypass of the filters and
> clipper tube on the audio sub-assy. If I set the switch to Mod Bias
> x20 and and set the bias to 50Ma (half way between 0 and 5 on the
> excitation meter)the modulator tubes will start to glow red, so I
> can't set according to manual. Am I missing the boat here? Meter scale
> at 5 would be 5x20=100Ma because switch says x20 for the multiplier on
> the excitation meter. Changed the two 4-125A tubes that were dated
> 1959 and same deal. Modulation does not seem clean until I bring bias
> up about 2 lines on meter which would equal 20Ma Bias.
> Max power out is 300W with 225Ma plate current (PA Seems Soft).
> Modulation is downward about 25-50 watts probably at over 100%
> modulation applied.
> Any thoughts or suggestions would be appreciated and thank you in
> advance of any help.
>
> Paul
>

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> Yahoo! Groups Links
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# 2272. Re: [T-368_BC-610] Digest Number 934

Yahoo group: T-368_BC-610
Date: 2005-06-03 15:49:00 UTC
From: Steve & Jeannie Keith
Topic: 2272  Message: 2272

Does anyone have or know of anyone who had a Chevrolet
K51 Panel truck from WW2 that originally housed the SCR-299?

I am presently restoring mine and I seem to have a lot of extra
holes on the outside walls. I am trying to figure out whcih ones
should be there and which ones I should fill in. It sure is a lit easier
while I am doing the initial stripping of the truck.

Thanks
Steve AKA Dr Deuce

----- Original Message -----
From: <T-368_BC-610@yahoogroups.com>
To: <T-368_BC-610@yahoogroups.com>
Sent: Friday, June 03, 2005 10:24 AM
Subject: [T-368_BC-610] Digest Number 934

>
> There is 1 message in this issue.
>
> Topics in this digest:
>
> 1. T-368 Modulator Bias setting
> From: "paul03034" <paul03034@...>
>
>
> _____________________________________________________________________
> _____________________________________________________________________
>
> Message: 1
> Date: Fri, 03 Jun 2005 03:35:05 -0000
> From: "paul03034" <paul03034@...>
> Subject: T-368 Modulator Bias setting
>
> Hi,
> I got a T-368 and am checking it out(never been in another hams
> hands). Only thing done to it by me is the bypass of the filters and
> clipper tube on the audio sub-assy. If I set the switch to Mod Bias
> x20 and and set the bias to 50Ma (half way between 0 and 5 on the
> excitation meter)the modulator tubes will start to glow red, so I
> can't set according to manual. Am I missing the boat here? Meter scale
> at 5 would be 5x20=100Ma because switch says x20 for the multiplier on
> the excitation meter. Changed the two 4-125A tubes that were dated
> 1959 and same deal. Modulation does not seem clean until I bring bias
> up about 2 lines on meter which would equal 20Ma Bias.
> Max power out is 300W with 225Ma plate current (PA Seems Soft).

> Modulation is downward about 25-50 watts probably at over 100%
> modulation applied.
> Any thoughts or suggestions would be appreciated and thank you in
> advance of any help.
>
> Paul
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> Yahoo! Groups Links
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# 2273. Re: [T-368_BC-610] T-368 Modulator Bias setting

Yahoo group: T-368_BC-610
Date: 2005-06-03 20:08:37 UTC
From: w7qho@aol.com
Topic: 2270  Message: 2273

In a message dated 6/2/05 8:51:19 PM, paul03034@... writes:

> If I set the switch to Mod Bias
> x20 and and set the bias to 50Ma (half way between 0 and 5 on the
> excitation meter)the modulator tubes will start to glow red
>

Paul,

Sounds to me like you're actually pulling somewhat more modulator current than what your meter is indicating. At 50ma total plate current, the bias voltage on the 4-125s should be -175 V (approx.). Set it at this value and see what current the meter is then indicating and what the plates are doing (i.e., glowing or dark). No convenient test point for doing this so you'll have to run a lead out the back of the cabinet (appears you have already taken the back off and by-passed the interlock circuit). Recommend reading the bias voltage at the wiper of the "Modulator Bias" pot, R25.

BTW, at 225 ma with a good tube you should be getting 400+ watts of carrier out.

Hope this helps.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2274. Re: [T-368_BC-610] T-368 Modulator Bias setting

Yahoo group: T-368_BC-610
Date: 2005-06-04 03:37:15 UTC
From: James M. Walker
Topic: 2270  Message: 2274

Hey Dennis,
Don't let the "power cops" hear you say that, they all swear a T-368
won't put out 450 watts. Oh, they of little faith and knowledge!

Carry on though, it is good to see some activity on this list.
Jim
WB2FCN

w7qho@... wrote:
>
> In a message dated 6/2/05 8:51:19 PM, paul03034@... writes:
>
> > If I set the switch to Mod Bias
> > x20 and and set the bias to 50Ma (half way between 0 and 5 on the
> > excitation meter)the modulator tubes will start to glow red
> >
>
> Paul,
>
> Sounds to me like you're actually pulling somewhat more modulator current
> than what your meter is indicating. At 50ma total plate current, the bias
> voltage on the 4-125s should be -175 V (approx.). Set it at this value and see
> what current the meter is then indicating and what the plates are doing (i.e.,
> glowing or dark). No convenient test point for doing this so you'll have to
> run a lead out the back of the cabinet (appears you have already taken the back
> off and by-passed the interlock circuit). Recommend reading the bias
> voltage at the wiper of the "Modulator Bias" pot, R25.
>
> BTW, at 225 ma with a good tube you should be getting 400+ watts of carrier
> out.
>
> Hope this helps.
>
> Dennis D. W7QHO
> Glendale, CA
>
> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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# 2275. Re: [T-368_BC-610] T-368 Modulator Bias setting

Yahoo group: T-368_BC-610
Date: 2005-06-04 10:27:11 UTC
From: John Page
Topic: 2270  Message: 2275

At 225 ma. my T-368C will run almost 500 watts carrier. But into a dummy load of course. :-\

John Page K4KWM
Hollow State since 1953
(ex W8PKU,N8BLB,NA8O)

>From: "James M. Walker" <chejmw@...>
>To: w7qho@...
>CC: paul03034@..., T-368_BC-610@yahoogroups.com
>Subject: Re: [T-368_BC-610] T-368 Modulator Bias setting
>Date: Fri, 03 Jun 2005 23:37:15 -0400
>
>Hey Dennis,
>Don't let the "power cops" hear you say that, they all swear a T-368
>won't put out 450 watts. Oh, they of little faith and knowledge!
>
>Carry on though, it is good to see some activity on this list.
>Jim
>WB2FCN
>
>w7qho@... wrote:
> >
> > In a message dated 6/2/05 8:51:19 PM, paul03034@... writes:
> >
> > > If I set the switch to Mod Bias
> > > x20 and and set the bias to 50Ma (half way between 0 and 5 on the
> > > excitation meter)the modulator tubes will start to glow red
> > >
> >
> > Paul,
> >
> > Sounds to me like you're actually pulling somewhat more modulator
>current
> > than what your meter is indicating. At 50ma total plate current, the
>bias
> > voltage on the 4-125s should be -175 V (approx.). Set it at this value
>and see
> > what current the meter is then indicating and what the plates are doing
>(i.e.,
> > glowing or dark). No convenient test point for doing this so you'll
>have to
> > run a lead out the back of the cabinet (appears you have already taken
>the back
> > off and by-passed the interlock circuit). Recommend reading the bias

> > voltage at the wiper of the "Modulator Bias" pot, R25.
> >
> > BTW, at 225 ma with a good tube you should be getting 400+ watts of
>carrier
> > out.
> >
> > Hope this helps.
> >
> > Dennis D. W7QHO
> > Glendale, CA
> >
> > [Non-text portions of this message have been removed]
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> > Yahoo! Groups Links
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# 2276. Re: [T-368_BC-610] T-368 Modulator Bias setting

Yahoo group: T-368_BC-610
Date: 2005-06-04 10:33:16 UTC
From: yardleyite@aol.com
Topic: 2270  Message: 2276

In a message dated 6/3/2005 11:40:35 PM Eastern Standard Time,
chejmw@... writes:

Hey Dennis,
Don't let the "power cops" hear you say that, they all swear a T-368
won't put out 450 watts. Oh, they of little faith and knowledge!

I lightly load my T-368-E to just about 360W output.....
Joe Cro N3IBX

[Non-text portions of this message have been removed]

# 2277. T-368 "N9FOY" Speech Amp Mod - Last chance.

Yahoo group: T-368_BC-610
Date: 2005-06-04 12:21:33 UTC
From: Jerry K
Topic: 2277  Message: 2277

Heads up to any T3 owner who may need info on this mod. This is the simplest, easiest to build, and most importantly the best working speech amp setup I've seen anywhere for the T3. My website, www.w5kp.com, has detailed info and some photos of how I integrated it (and the feedback ladder for it) into my particular T-368C. However, I'll be permanently taking down the website in a few days. So if you want this info, grab it now, last chance! Thanks.

73, Jerry W5KP

# 2278. Re: [T-368_BC-610] T-368 "N9FOY" Speech Amp Mod - Last chance.

Yahoo group: T-368_BC-610
Date: 2005-06-04 15:39:41 UTC
From: Rod Hart
Topic: 2277  Message: 2278

Jerry,

I have a CRL Systems MBL-100 AM Modulation and Bandwidth Limiter. Do you know of anyone using this piece of equipment or anything similar with a T-368?

Rod Hart
WA3MEZ

[Non-text portions of this message have been removed]

# 2279. Re: [T-368_BC-610] T-368 Modulator Bias setting

Yahoo group: T-368_BC-610
Date: 2005-06-04 17:32:19 UTC
From: James M. Walker
Topic: 2270  Message: 2279

Hey Joe,
How are you doing. Hear you on from time to time on 80 meters. Yes I
load
my T-368 for maximum efficiency and then have to turn the variac to the
HV transformer down a tad so as to not get any harassment.
73 there buddy!
Jim
WB2FCN

yardleyite@... wrote:
>
>
> In a message dated 6/3/2005 11:40:35 PM Eastern Standard Time,
> chejmw@... writes:
>
> Hey Dennis,
> Don't let the "power cops" hear you say that, they all swear a T-368
> won't put out 450 watts. Oh, they of little faith and knowledge!
>
> I lightly load my T-368-E to just about 360W output.....................
> Joe Cro N3IBX
>
> [Non-text portions of this message have been removed]
>
>
>
> Yahoo! Groups Links
>
>
>
>

# 2280. Re: [T-368_BC-610] T-368 Modulator Bias setting

Yahoo group: T-368_BC-610
Date: 2005-06-10 23:28:30 UTC
From: Geoff
Topic: 2270  Message: 2280

John Page wrote:

>At 225 ma. my T-368C will run almost 500 watts carrier. But into a dummy
>load of course. :-\
>

What does it matter, if it's into a dummy load, or into an active
antenna, as long as you're not exceeding
1,500W PEP output?

Lots of people seem to be under the misconeption that there's a carrier
limit of 375w while running AM.

T'ain't true!

Want an interesting read?
http://www.qsl.net/wa5bxo/asyam/aam3.html

73 = Best Regards,
-Geoff/W5OMR

# 2281. N9foy mods...

Yahoo group: T-368_BC-610
Date: 2005-06-12 01:47:51 UTC
From: aa9wq
Topic: 2281  Message: 2281

Hello everyone.
With W5KP's blessing I have posted the N9FOY mods on my web site including awesome pictures of Jerry's workmanship. Thank you Jerry! If you haven't seen it yet check it out when you have the time. If anyone has anymore info to add please let me know. I will add it to the site.

I am also working on the new T-368 registery. I want to make a really informative registery site. If you would like to add a picture of you and your T-368 or just your transmitter please send it to me with an update of any changed information. Lets make this registery up to date! I know a few have change hands. The new web address is: www.w9amr.com/n9foy Let everyone know where it is.

Larry W9AMR

# 2282. T-368 registery...

Yahoo group: T-368_BC-610
Date: 2005-06-23 04:17:35 UTC
From: aa9wq
Topic: 2282  Message: 2282

Hello everybody

I have the T-368 registry page up and running on my web site. If there is any out of date or wrong information that you know of please let me know. Please E-mail me any updates or additions to the list. If anyone has a web page or a picture that they would like to have added just let me know.

If you give me your information when you click on the call sign it will take you to your web page if you click on the model it will show a picture of your transmitter (and of you if you prefer). I just need the information from you. If you do not have a web page I will Post your transmitter information with your picture. the registry URL is www.w9amr.com\t-3reg E-mail me at larry@... Let me know what you think.

I will do the BC-610 registry next.

Thanks

Larry W9AMR

# 2283. Re: [T-368_BC-610] T-368 registery...

Yahoo group: T-368_BC-610
Date: 2005-06-23 19:30:52 UTC
From: K3PID
Topic: 2282  Message: 2283

Nice job Larry, thanks. Are you taking any steps to protect the email addresses? Maybe put them in as a jpeg so the scanners don't recognize them as addresses? Or at least break them up by using "at" and "dot" instead of @ and .

Ron H.
K3PID at sbcglobal dot net

# 2284. Re: [T-368_BC-610] T-368 registery...

Yahoo group: T-368_BC-610
Date: 2005-06-23 21:21:49 UTC
From: Joe Foley
Topic: 2282  Message: 2284

I'll bet that http://www.w9amr.com\t-3reg/index.htm

will work better.

Joe

--- aa9wq <aa9wqham@...> wrote:

> Hello everybody
>
> I have the T-368 registry page up and running on
> my web site. If
> there is any out of date or wrong information that
> you know of please
> let me know. Please E-mail me any updates or
> additions to the list.
> If anyone has a web page or a picture that they
> would like to have
> added just let me know.
>
> If you give me your information when you click on
> the call sign it
> will take you to your web page if you click on the
> model it will show
> a picture of your transmitter (and of you if you
> prefer). I just
> need the information from you. If you do not have a
> web page I will
> Post your transmitter information with your picture.
> the registry URL
> is www.w9amr.com\t-3reg E-mail me at
> larry@... Let me know
> what you think.
>
> I will do the BC-610 registry next.
>
> Thanks
>
> Larry W9AMR
>
>
>
>

---
Yahoo! Sports

Rekindle the Rivalries. Sign up for Fantasy Football
http://football.fantasysports.yahoo.com

# 2285. Re: [T-368_BC-610] T-368 registery...

Yahoo group: T-368_BC-610
Date: 2005-06-24 00:59:57 UTC
From: John Page
Topic: 2282  Message: 2285

that doesnt work either. John

John Page K4KWM
Hollow State since 1953
(ex W8PKU,N8BLB,NA8O)

>From: Joe Foley <redmenaced@...>
>To: t-368_bc-610@yahoogroups.com
>Subject: Re: [T-368_BC-610] T-368 registery...
>Date: Thu, 23 Jun 2005 14:21:49 -0700 (PDT)
>
>I'll bet that http://www.w9amr.com\t-3reg/index.htm
>
>will work better.
>
>Joe
>
>
>
>
>
>--- aa9wq <aa9wqham@...> wrote:
>
> > Hello everybody
> >
> > I have the T-368 registry page up and running on
> > my web site. If
> > there is any out of date or wrong information that
> > you know of please
> > let me know. Please E-mail me any updates or
> > additions to the list.
> > If anyone has a web page or a picture that they
> > would like to have
> > added just let me know.
> >
> > If you give me your information when you click on
> > the call sign it
> > will take you to your web page if you click on the
> > model it will show
> > a picture of your transmitter (and of you if you
> > prefer). I just
> > need the information from you. If you do not have a
> > web page I will
> > Post your transmitter information with your picture.
> > the registry URL

> > is www.w9amr.com\t-3reg E-mail me at
> > larry@... Let me know
> > what you think.
> >
> > I will do the BC-610 registry next.
> >
> > Thanks
> >
> > Larry W9AMR
> >
> >
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>
>
>_____
>Yahoo! Sports
>Rekindle the Rivalries. Sign up for Fantasy Football
>http://football.fantasysports.yahoo.com

# 2286. Re: [T-368_BC-610] T-368 registery...

Yahoo group: T-368_BC-610
Date: 2005-06-24 10:30:46 UTC
From: jeepp@adelphia.net
Topic: 2282  Message: 2286

It works if one reverses the "backwards" slash in the address. ---- John Page wrote: > > >
> > that doesnt work either. John
>
> John Page K4KWM
> Hollow State since 1953
> (ex W8PKU,N8BLB,NA8O)
>
>
>
> >From: Joe Foley
> >To: t-368_bc-610@yahoogroups.com
> >Subject: Re: [T-368_BC-610] T-368 registery...
> >Date: Thu, 23 Jun 2005 14:21:49 -0700 (PDT)
> >
> >I'll bet that http://www.w9amr.com\t-3reg/index.htm
> >
> >will work better.
> >
> >Joe
> >
> >
> >
> >
> >
> >--- aa9wq wrote:
> >
> > > Hello everybody
> > >
> > > I have the T-368 registry page up and running on
> > > my web site. If
> > > there is any out of date or wrong information that
> > > you know of please
> > > let me know. Please E-mail me any updates or
> > > additions to the list.
> > > If anyone has a web page or a picture that they
> > > would like to have
> > > added just let me know.
> > >
> > > If you give me your information when you click on
> > > the call sign it
> > > will take you to your web page if you click on the
> > > model it will show
> > > a picture of your transmitter (and of you if you
> > > prefer). I just
> > > need the information from you. If you do not have a

> > > web page I will
> > > Post your transmitter information with your picture.
> > > the registry URL
> > > is www.w9amr.com\t-3reg E-mail me at
> > > larry@... Let me know
> > > what you think.
> > >
> > > I will do the BC-610 registry next.
> > >
> > > Thanks
> > >
> > > Larry W9AMR
> > >
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> >
> >_____
> >Yahoo! Sports
> >Rekindle the Rivalries. Sign up for Fantasy Football
> >http://football.fantasysports.yahoo.com
>
>
> > > > > > > >
> > Yahoo! Groups Links
> >
- To visit your group on the web, go to:
http://groups.yahoo.com/group/T-368_BC-610/
>
- To unsubscribe from this group, send an email to:
T-368_BC-610-unsubscribe@yahoogroups.com
>
- Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service
(http://docs.yahoo.com/info/terms/). > > > > > > > > > > >

# 2287. Re: [T-368_BC-610] T-368 registery...

Yahoo group: T-368_BC-610
Date: 2005-06-24 14:28:08 UTC
From: K3PID
Topic: 2282  Message: 2287

It works for me directly from the email. I just double click the link below. Of course you have to be using rich text format.

Ron H.
K3PID

----- Original Message -----
From: Joe Foley
To: t-368_bc-610@yahoogroups.com
Sent: Thursday, June 23, 2005 4:21 PM
Subject: Re: [T-368_BC-610] T-368 registery...

I'll bet that http://www.w9amr.com\t-3reg/index.htm

will work better.

Joe

--- aa9wq <aa9wqham@...> wrote:

> Hello everybody
>
> I have the T-368 registry page up and running on
> my web site. If
> there is any out of date or wrong information that
> you know of please
> let me know. Please E-mail me any updates or
> additions to the list.
> If anyone has a web page or a picture that they
> would like to have
> added just let me know.
>
> If you give me your information when you click on
> the call sign it
> will take you to your web page if you click on the
> model it will show
> a picture of your transmitter (and of you if you
> prefer). I just
> need the information from you. If you do not have a
> web page I will
> Post your transmitter information with your picture.
> the registry URL
> is www.w9amr.com\t-3reg E-mail me at
> larry@... Let me know
> what you think.
>
> I will do the BC-610 registry next.

>
> Thanks
>
> Larry W9AMR
>
>
>
>

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Yahoo! Sports
Rekindle the Rivalries. Sign up for Fantasy Football
http://football.fantasysports.yahoo.com

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Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/T-368_BC-610/

b.. To unsubscribe from this group, send an email to:
T-368_BC-610-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 2288. T-368 Breakers

Yahoo group: T-368_BC-610
Date: 2005-06-25 19:43:34 UTC
From: prc74b
Topic: 2288  Message: 2288

Group,

My T-368 C suddenly started throwing the High Voltage Breaker, the Main Power Breaker, or Both upon Un-Keying. It will play key down, AM mode, with or with out modulation 24/7, not problem, no over current, arching, etc. Un-Key it, and WHAM...usually the high voltage breaker, but sometimes the Main or even Both let go. I figure it must be something in the timing sequence. Maybe time delay circuit has failed. Any ideas?

Joe Munson
WA4VAG

[Non-text portions of this message have been removed]

# 2289. Re: [T-368_BC-610] T-368 Breakers

Yahoo group: T-368_BC-610
Date: 2005-06-25 21:55:56 UTC
From: W. Donald Gallagher
Topic: 2288  Message: 2289

Joe, I have exactly the same problem with my T-368F. Maybe, someone in the group can shed some light on this. Thanks, Don Gallagher, K2AUS

At 03:43 PM 6/25/2005, prc74b wrote:
>Group,
>
>My T-368 C suddenly started throwing the High Voltage Breaker, the Main
>Power Breaker, or Both upon Un-Keying. It will
>
>----------
>YAHOO! GROUPS LINKS
>
> * Visit your group
> "<http://groups.yahoo.com/group/T-368_BC-610>T-368_BC-610" on the web.
> *
> * To unsubscribe from this group, send an email to:
> *
> <mailto:T-368_BC-610-unsubscribe@yahoogroups.com?subject=Unsubscribe>T-368_BC-610-unsubscribe@yahoogroups.com
>
> *
> * Your use of Yahoo! Groups is subject to the
> <http://docs.yahoo.com/info/terms/>Yahoo! Terms of Service.
>
>
>----------

# 2290. Re: [T-368_BC-610] T-368 Breakers

Yahoo group: T-368_BC-610
Date: 2005-06-26 00:13:44 UTC
From: r391
Topic: 2288  Message: 2290

Evening...

Had the same problem here with my T-3 some years ago... turned out to be
not bad but failing, 3B28 rectifiers... got hold of a truly new set and the
problem went away...

Ott

At 05:55 PM 6/25/2005, you wrote:

>Joe, I have exactly the same problem with my T-368F. Maybe, someone in the
>group can shed some light on this. Thanks, Don Gallagher, K2AUS
>
>At 03:43 PM 6/25/2005, prc74b wrote:
> >Group,
> >
> >My T-368 C suddenly started throwing the High Voltage Breaker, the Main
> >Power Breaker, or Both upon Un-Keying. It will
> >
> >----------
> >YAHOO! GROUPS LINKS
> >
> > * Visit your group
> > "<http://groups.yahoo.com/group/T-368_BC-610>T-368_BC-610" on the web.
> > *
> > * To unsubscribe from this group, send an email to:
> > *
> >
> <mailto:T-368_BC-610-unsubscribe@yahoogroups.com?subject=Unsubscribe>T-368_BC-610-unsubs
cribe@yahoogroups.com
>
> >
> > *
> > * Your use of Yahoo! Groups is subject to the
> > <http://docs.yahoo.com/info/terms/>Yahoo! Terms of Service.
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>No virus found in this incoming message.
>Checked by AVG Anti-Virus.
>Version: 7.0.323 / Virus Database: 267.8.1/28 - Release Date: 6/24/2005

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No virus found in this outgoing message.
Checked by AVG Anti-Virus.
Version: 7.0.323 / Virus Database: 267.8.1/28 - Release Date: 6/24/2005

# 2291. Re: [T-368_BC-610] T-368 Breakers

Yahoo group: T-368_BC-610
Date: 2005-06-26 03:07:16 UTC
From: James M. Walker
Topic: 2288  Message: 2291

Ola Gang,
I would check the 3B28s one or both may be going south. The time delay relay is for the warm-up time for the 3B28s which generally don't need it but it saves the tubes, if it fails open there won't be any HV, if closed you probably wouldn't notice unless you physically checked the device.

I had a peculiar problem with the insulator ring around the plate meter it somehow started collecting moisture and the coating fell away in spots
when the thing was damp it would intermittently short for no reason in RF out mode or in standby didn't make any difference.

Just some thoughts.
Jim
WB2FCN

prc74b wrote:
>
> Group,
>
> My T-368 C suddenly started throwing the High Voltage Breaker, the Main Power Breaker, or Both upon Un-Keying. It will play key down, AM mode, with or with out modulation 24/7, not problem, no over current, arching, etc. Un-Key it, and WHAM...usually the high voltage breaker, but sometimes the Main or even Both let go. I figure it must be something in the timing sequence. Maybe time delay circuit has failed. Any ideas?
>
> Joe Munson
> WA4VAG
>
> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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>

# 2292. Re: [T-368_BC-610] T-368 Breakers

Yahoo group: T-368_BC-610
Date: 2005-06-26 12:38:12 UTC
From: Brian Carling
Topic: 2288  Message: 2292

Guys - what time delay relay does the '368 use?
I have a box of time delay relays here that are no use to me, and would like to pass some
along to someone who can use them. I don' currently own a BC610 or a T368 but love
reading everyone's discussion on this list.

73 - Brian, AF4K

James M. Walker wrote:

>Ola Gang,
>I would check the 3B28s one or both may be going south. The time delay
>relay is for the warm-up time for the 3B28s which generally don't need
>it but it saves the tubes, if it fails open there won't be any HV, if
>closed you probably wouldn't notice unless you physically checked the
>device.
>
>I had a peculiar problem with the insulator ring around the plate meter
>it somehow started collecting moisture and the coating fell away in
>spots
>when the thing was damp it would intermittently short for no reason in
>RF out mode or in standby didn't make any difference.
>
>Just some thoughts.
>Jim
>WB2FCN
>
>
>prc74b wrote:
>
>
>>Group,
>>
>>My T-368 C suddenly started throwing the High Voltage Breaker, the Main Power Breaker, or Both upon Un-Keying. It will play key down, AM mode, with or with out modulation 24/7, not problem, no over current, arching, etc. Un-Key it, and WHAM...usually the high voltage breaker, but sometimes the Main or even Both let go. I figure it must be something in the timing sequence. Maybe time delay circuit has failed. Any ideas?
>>
>>Joe Munson
>>WA4VAG
>>
>>[Non-text portions of this message have been removed]
>>
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>>Yahoo! Groups Links
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# 2293. PRC-74 whip antenna taps

Yahoo group: T-368_BC-610
Date: 2005-06-26 19:32:53 UTC
From: Mikhael Brown
Topic: 2293  Message: 2293

Hello,

I have a PRC-74 whip antenna to use with my PRC-104 but the label that tells what frequency the taps are for is missing. Can someone tell me what taps are for what frequency ranges on the antenna?

Thanks and 73's

Mike

Mikhael Brown
e-mail: mikhael@...

# 2294. Re: [T-368_BC-610] T-368 Breakers

Yahoo group: T-368_BC-610
Date: 2005-06-27 14:28:16 UTC
From: Doug Wherry
Topic: 2288  Message: 2294

No unkey time delay at the antenna changeover relay shorts the HV to ground. You need hang time on this relay. Doug
----- Original Message -----
From: "James M. Walker" <chejmw@...>
To: "prc74b" <prc74b@...>
Cc: <T-368_BC-610@yahoogroups.com>
Sent: Saturday, June 25, 2005 11:07 PM
Subject: Re: [T-368_BC-610] T-368 Breakers

> Ola Gang,
> I would check the 3B28s one or both may be going south. The time delay
> relay is for the warm-up time for the 3B28s which generally don't need
> it but it saves the tubes, if it fails open there won't be any HV, if
> closed you probably wouldn't notice unless you physically checked the
> device.
>
> I had a peculiar problem with the insulator ring around the plate meter
> it somehow started collecting moisture and the coating fell away in
> spots
> when the thing was damp it would intermittently short for no reason in
> RF out mode or in standby didn't make any difference.
>
> Just some thoughts.
> Jim
> WB2FCN
>
>
> prc74b wrote:
> >
> > Group,
> >
> > My T-368 C suddenly started throwing the High Voltage Breaker, the Main Power Breaker, or Both upon Un-Keying. It will play key down, AM mode, with or with out modulation 24/7, not problem, no over current, arching, etc. Un-Key it, and WHAM...usually the high voltage breaker, but sometimes the Main or even Both let go. I figure it must be something in the timing sequence. Maybe time delay circuit has failed. Any ideas?
> >
> > Joe Munson
> > WA4VAG
> >
> > [Non-text portions of this message have been removed]
> >
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> > Yahoo! Groups Links
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> Yahoo! Groups Links
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# 2295. WTB BA-5590 batteries

Yahoo group: T-368_BC-610
Date: 2005-06-27 15:20:23 UTC
From: Mikhael Brown
Topic: 2295  Message: 2295

I am looking for a minimum of 2 BA-5590 NOS batteries for my PRC-104. If anyone knows of some for sale let me know.

Thanks,

Mike, N6WIG

Mikhael Brown
e-mail: mikhael@...

# 2296. Re: [T-368_BC-610] T-368 Breakers

Yahoo group: T-368_BC-610
Date: 2005-06-27 17:16:44 UTC
From: r391
Topic: 2288  Message: 2296

I have to ask...

"shorts the HV to ground"

where and what kind of high voltage are you referring to and where is it
shorted to ground?

At 10:28 AM 6/27/2005, you wrote:

>No unkey time delay at the antenna changeover relay shorts the HV to
>ground. You need hang time on this relay. Doug
>----- Original Message -----
>From: "James M. Walker" <chejmw@...>
>To: "prc74b" <prc74b@...>
>Cc: <T-368_BC-610@yahoogroups.com>
>Sent: Saturday, June 25, 2005 11:07 PM
>Subject: Re: [T-368_BC-610] T-368 Breakers
>
>
> > Ola Gang,
> > I would check the 3B28s one or both may be going south. The time delay
> > relay is for the warm-up time for the 3B28s which generally don't need
> > it but it saves the tubes, if it fails open there won't be any HV, if
> > closed you probably wouldn't notice unless you physically checked the
> > device.
> >
> > I had a peculiar problem with the insulator ring around the plate meter
> > it somehow started collecting moisture and the coating fell away in
> > spots
> > when the thing was damp it would intermittently short for no reason in
> > RF out mode or in standby didn't make any difference.
> >
> > Just some thoughts.
> > Jim
> > WB2FCN
> >
> >
> > prc74b wrote:
> > >
> > > Group,
> > >
> > > My T-368 C suddenly started throwing the High Voltage Breaker, the Main
>Power Breaker, or Both upon Un-Keying. It will play key down, AM mode, with
>or with out modulation 24/7, not problem, no over current, arching, etc.
>Un-Key it, and WHAM...usually the high voltage breaker, but sometimes the
>Main or even Both let go. I figure it must be something in the timing

>sequence. Maybe time delay circuit has failed. Any ideas?
> > >
> > > Joe Munson
> > > WA4VAG
> > >
> > > [Non-text portions of this message have been removed]
> > >
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> > > Yahoo! Groups Links
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>--
>No virus found in this incoming message.
>Checked by AVG Anti-Virus.
>Version: 7.0.323 / Virus Database: 267.8.1/28 - Release Date: 6/24/2005

--
No virus found in this outgoing message.
Checked by AVG Anti-Virus.
Version: 7.0.323 / Virus Database: 267.8.1/28 - Release Date: 6/24/2005

# 2297. Re: [T-368_BC-610] T-368 Breakers

Yahoo group: T-368_BC-610
Date: 2005-06-27 17:11:33 UTC
From: r391
Topic: 2288  Message: 2297

That time delay protects the antenna change over relay and keeps the tank
circuit loaded as it flywheels down, possibly preventing flash over from
excess rf voltage but nothing more... also useful for semi-break-in on cw...

At 10:15 AM 6/27/2005, you wrote:

>Check the antenna change over relay timmer. Too short of a delay at unkeying
>will cause this. They need to hang a bit. Doug
>----- Original Message -----
>From: "r391" <r391@...>
>To: <T-368_BC-610@yahoogroups.com>
>Sent: Saturday, June 25, 2005 8:13 PM
>Subject: Re: [T-368_BC-610] T-368 Breakers
>
>
> > Evening...
> >
> > Had the same problem here with my T-3 some years ago... turned out to be
> > not bad but failing, 3B28 rectifiers... got hold of a truly new set and
>the
> > problem went away...
> >
> > Ott
> >
> > At 05:55 PM 6/25/2005, you wrote:
> >
> > >Joe, I have exactly the same problem with my T-368F. Maybe, someone in
>the
> > >group can shed some light on this. Thanks, Don Gallagher, K2AUS
> > >
> > >At 03:43 PM 6/25/2005, prc74b wrote:
> > > >Group,
> > > >
> > > >My T-368 C suddenly started throwing the High Voltage Breaker, the Main
> > > >Power Breaker, or Both upon Un-Keying. It will
> > > >
> > > >----------
> > > >YAHOO! GROUPS LINKS
> > > >
> > > > * Visit your group
> > > > "<http://groups.yahoo.com/group/T-368_BC-610>T-368_BC-610" on the web.
> > > > *
> > > > * To unsubscribe from this group, send an email to:
> > > > *
> > > >

> > >
><mailto:T-368_BC-610-unsubscribe@yahoogroups.com?subject=Unsubscribe>T-368_B
>C-610-unsubscribe@yahoogroups.com
> > >
> > > >
> > > > *
> > > > * Your use of Yahoo! Groups is subject to the
> > > > <http://docs.yahoo.com/info/terms/>Yahoo! Terms of Service.
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> > >No virus found in this incoming message.
> > >Checked by AVG Anti-Virus.
> > >Version: 7.0.323 / Virus Database: 267.8.1/28 - Release Date: 6/24/2005
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> > No virus found in this outgoing message.
> > Checked by AVG Anti-Virus.
> > Version: 7.0.323 / Virus Database: 267.8.1/28 - Release Date: 6/24/2005
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>No virus found in this incoming message.
>Checked by AVG Anti-Virus.
>Version: 7.0.323 / Virus Database: 267.8.1/28 - Release Date: 6/24/2005

--
No virus found in this outgoing message.
Checked by AVG Anti-Virus.
Version: 7.0.323 / Virus Database: 267.8.1/28 - Release Date: 6/24/2005

# 2298. Anyone use the 1N2637 SS rectifier in their T3?

Yahoo group: T-368_BC-610
Date: 2005-06-27 20:54:02 UTC
From: Tom Norris
Topic: 2298  Message: 2298

Subject pretty much says it all. I've got a couple here new in the box, they're a solid state plug in replacement for the 866/3B28. Just curious if anyone has had any experience good or bad.

If they're bad news, I could always offer them to the Collins Collector folk$.

73

Tom NU4G

# 2299. Re: [T-368_BC-610] Anyone use the 1N2637 SS rectifier in their T3?

Yahoo group: T-368_BC-610
Date: 2005-06-28 03:52:48 UTC
From: James M. Walker
Topic: 2298  Message: 2299

Hi Tom,
I have a pair in a thunderbolt linear amp and also a BC-610E model, work the same as my t-368 with 3B28s and a BC-610I, haven't experienced any problems with either type.
Jim
WB2FCN

Tom Norris wrote:
>
> Subject pretty much says it all. I've got a couple here
> new in the box, they're a solid state plug in replacement
> for the 866/3B28. Just curious if anyone has had any
> experience good or bad.
>
> If they're bad news, I could always offer them to the
> Collins Collector folk$.
>
> 73
>
> Tom NU4G
>
>
>
> Yahoo! Groups Links
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>
>

# 2300. Re: [T-368_BC-610] T-368 Breakers

Yahoo group: T-368_BC-610
Date: 2005-06-27 15:05:23 UTC
From: Brian Carling
Topic: 2288  Message: 2300

How long?

Doug Wherry wrote:

>No unkey time delay at the antenna changeover relay shorts the HV to
>ground. You need hang time on this relay. Doug
>----- Original Message -----
>From: "James M. Walker" <chejmw@...>
>To: "prc74b" <prc74b@...>
>Cc: <T-368_BC-610@yahoogroups.com>
>Sent: Saturday, June 25, 2005 11:07 PM
>Subject: Re: [T-368_BC-610] T-368 Breakers
>
>
>
>
>>Ola Gang,
>>I would check the 3B28s one or both may be going south. The time delay
>>relay is for the warm-up time for the 3B28s which generally don't need
>>it but it saves the tubes, if it fails open there won't be any HV, if
>>closed you probably wouldn't notice unless you physically checked the
>>device.
>>
>>I had a peculiar problem with the insulator ring around the plate meter
>>it somehow started collecting moisture and the coating fell away in
>>spots
>>when the thing was damp it would intermittently short for no reason in
>>RF out mode or in standby didn't make any difference.
>>
>>Just some thoughts.
>>Jim
>>WB2FCN
>>
>>
>>prc74b wrote:
>>
>>
>>>Group,
>>>
>>>My T-368 C suddenly started throwing the High Voltage Breaker, the Main
>>>
>>>
>Power Breaker, or Both upon Un-Keying. It will play key down, AM mode, with
>or with out modulation 24/7, not problem, no over current, arching, etc.
>Un-Key it, and WHAM...usually the high voltage breaker, but sometimes the

>Main or even Both let go. I figure it must be something in the timing
>sequence. Maybe time delay circuit has failed. Any ideas?
>
>
>>>Joe Munson
>>>WA4VAG
>>>
>>>[Non-text portions of this message have been removed]
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>>>Yahoo! Groups Links
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>>Yahoo! Groups Links
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# 2301. Re: [T-368_BC-610] T-368 Breakers

Yahoo group: T-368_BC-610
Date: 2005-06-28 07:56:46 UTC
From: r391
Topic: 2288  Message: 2301

Evening Doug...

Think your compensating for another problem... I can set my relay for no time delay and nothing bad happens...

That said there is a problem on some but not all of the T-3's with the tank arcing over to the chassis at this point...

http://mysite.verizon.net/vze4brdx/DSCF0013.JPG

due to mistuning, sudden antenna problems or modulating the rig to 100% or a combination... but only if you have b+ on your tank and it arcs over will it pop the breaker as the power supply will dump through the rf induced arc... you might also loose your plate meter too... anyway, that well known electrically weak area is easily fixed with nylon screws and some insulating rubber sheet... if your having any kind of flash over no matter what is initiating it, that electrically narrow pinch point is the place to check and stabilize... mine was done before first power up so I never had an arcing problem to begin with... in any operating condition...

Back to the question at hand which I also did have at one point... the breaker would trip while going into transmit or to receive... this occurred after many trouble free hours... didn't realize it the first moment that it happened but my 3B28's were apparently going south... changed em out as the easiest and cheapest 1st thing to do and the problem was gone...

73, Ott

At 10:21 PM 6/27/2005, you wrote:

>It still causes the the high voltage breaker to trip .The relay will flash
>tacking out the HV breaker.It was the first thing I learned when I got my
>T368 10 years ago.Doug
>----- Original Message -----
>From: "r391" <r391@...>
>To: <T-368_BC-610@yahoogroups.com>
>Sent: Monday, June 27, 2005 1:11 PM
>Subject: Re: [T-368_BC-610] T-368 Breakers
>
>
> > That time delay protects the antenna change over relay and keeps the tank
> > circuit loaded as it flywheels down, possibly preventing flash over from
> > excess rf voltage but nothing more... also useful for semi-break-in on
>cw...
> >
> > At 10:15 AM 6/27/2005, you wrote:
> >

> > >Check the antenna change over relay timmer. Too short of a delay at
>unkeying
> > >will cause this. They need to hang a bit. Doug
> > >----- Original Message -----
> > >From: "r391" <r391@...>
> > >To: <T-368_BC-610@yahoogroups.com>
> > >Sent: Saturday, June 25, 2005 8:13 PM
> > >Subject: Re: [T-368_BC-610] T-368 Breakers
> > >
> > >
> > > > Evening...
> > > >
> > > > Had the same problem here with my T-3 some years ago... turned out to
>be
> > > > not bad but failing, 3B28 rectifiers... got hold of a truly new set
>and
> > >the
> > > > problem went away...
> > > >
> > > > Ott
> > > >
> > > > At 05:55 PM 6/25/2005, you wrote:
> > > >
> > > > >Joe, I have exactly the same problem with my T-368F. Maybe, someone
>in
> > >the
> > > > >group can shed some light on this. Thanks, Don Gallagher, K2AUS
> > > > >
> > > > >At 03:43 PM 6/25/2005, prc74b wrote:
> > > > > >Group,
> > > > > >
> > > > > >My T-368 C suddenly started throwing the High Voltage Breaker, the
>Main
> > > > > >Power Breaker, or Both upon Un-Keying. It will
> > > > > >
> > > > > >----------
> > > > > >YAHOO! GROUPS LINKS
> > > > > >
> > > > > > * Visit your group
> > > > > > "<http://groups.yahoo.com/group/T-368_BC-610>T-368_BC-610" on the
>web.
> > > > > > *
> > > > > > * To unsubscribe from this group, send an email to:
> > > > > > *
> > > > > >
> > > > >
> > >
> > >< mailto:T-368_BC-610-unsubscribe@yahoogroups.com?subject=Unsubscribe>T-368_
>B
> > >C-610-unsubscribe@yahoogroups.com

> > > > >
> > > > > >
> > > > > > *
> > > > > > * Your use of Yahoo! Groups is subject to the
> > > > > > <http://docs.yahoo.com/info/terms/>Yahoo! Terms of Service.
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> > > > > >Version: 7.0.323 / Virus Database: 267.8.1/28 - Release Date:
>6/24/2005
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--
No virus found in this outgoing message.
Checked by AVG Anti-Virus.
Version: 7.0.323 / Virus Database: 267.8.1/28 - Release Date: 6/24/2005

# 2302. RE: Anyone use the 1N2637 SS rectifier in their T3?

Yahoo group: T-368_BC-610
Date: 2005-06-28 12:58:44 UTC
From: Carl Whitaker
Topic: 2298  Message: 2302

Tom,

Have been using them for over 5 years in my T3. No problems what so ever. They were actually in mine when I found it. never bothered to change them back to 3B's. Only problem, they are an ugly green color rather than the traditional black. Since my T3 runs" NAAKED" (no covers, don't ask, long story but sure is nice to peep around the corner and see the 4-125's and the 4-400 (glass chimney) all lit up) they just don't look right. Started to change them back to 3B28's just for the ambience. Guess I will spray paint one day. YMMV.

'73
Carl
W4RCW

# 2303. RE: [T-368_BC-610] RE: Anyone use the 1N2637 SS rectifier in their T3?

Yahoo group: T-368_BC-610
Date: 2005-06-28 13:10:31 UTC
From: Tom Mackie
Topic: 2298  Message: 2303

Hello,

I tried them in my T3 after a 3B28 failed. About 50% of the time the HV breaker would trip upon keyup. I never tried to diagnose the problem, I just pulled them and replaced the 3B28's which have soldiered on for the past few years.

Tom
W2ILA

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Carl Whitaker
Sent: Tuesday, June 28, 2005 8:59 AM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] RE: Anyone use the 1N2637 SS rectifier in their T3?

Tom,

Have been using them for over 5 years in my T3. No problems what so ever. They were actually in mine when I found it. never bothered to change them back to 3B's. Only problem, they are an ugly green color rather than the traditional black. Since my T3 runs" NAAKED" (no covers, don't ask, long story but sure is nice to peep around the corner and see the 4-125's and the 4-400 (glass chimney) all lit up) they just don't look right. Started to change them back to 3B28's just for the ambience.

Guess I will spray paint one day. YMMV.

'73
Carl
W4RCW

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http://us.click.yahoo.com/_mKGzA/GARHAA/kkyPAA/CPMolB/TM
---------------------------------------------------------------------~->

Yahoo! Groups Links

# 2304. Re: [T-368_BC-610] RE: Anyone use the 1N2637 SS rectifier in their T3?

Yahoo group: T-368_BC-610
Date: 2005-06-28 15:24:50 UTC
From: James M. Walker
Topic: 2298  Message: 2304

Well, the glow from the 3B28s is very low and pointed down
so not much coming from that area. The heat is a nice touch
in the basement in the winter though!
Jim
WB2FCN

----- Original Message -----
From: "Carl Whitaker" <w4rcw@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Tuesday, June 28, 2005 8:58 AM
Subject: [T-368_BC-610] RE: Anyone use the 1N2637 SS rectifier in their T3?

> Tom,
>
> Have been using them for over 5 years in my T3. No problems what so
> ever. They were actually in mine when I found it. never bothered to
> change them back to 3B's. Only problem, they are an ugly green color
> rather than the traditional black. Since my T3 runs" NAAKED" (no covers,
> don't ask, long story but sure is nice to peep around the corner and see
> the 4-125's and the 4-400 (glass chimney) all lit up) they just don't
> look right. Started to change them back to 3B28's just for the ambience.
> Guess I will spray paint one day. YMMV.
>
> '73
> Carl
> W4RCW
>
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> Yahoo! Groups Links
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# 2305. Re: [T-368_BC-610] T-368 Breakers

Yahoo group: T-368_BC-610
Date: 2005-06-29 01:40:22 UTC
From: Joe Foley
Topic: 2288  Message: 2305

--- r391 <r391@...> wrote:

> Evening Doug...
>
> Think your compensating for another problem... I can
> set my relay for no
> time delay and nothing bad happens...
>
> That said there is a problem on some but not all of
> the T-3's with the tank
> arcing over to the chassis at this point...
>
> http://mysite.verizon.net/vze4brdx/DSCF0013.JPG
>
> due to mistuning, sudden antenna problems or
> modulating the rig to 100% or
> a combination... but only if you have b+ on your
> tank and it arcs over will
> it pop the breaker as the power supply will dump
> through the rf induced
> arc... you might also loose your plate meter too...
> anyway, that well known
> electrically weak area is easily fixed with nylon
> screws and some
> insulating rubber sheet... if your having any kind
> of flash over no matter
> what is initiating it, that electrically narrow
> pinch point is the place to
> check and stabilize... mine was done before first
> power up so I never had
> an arcing problem to begin with... in any operating
> condition...
>
> Back to the question at hand which I also did have
> at one point... the
> breaker would trip while going into transmit or to
> receive... this occurred
> after many trouble free hours... didn't realize it
> the first moment that it
> happened but my 3B28's were apparently going
> south... changed em out as the
> easiest and cheapest 1st thing to do and the problem
> was gone...
++++++++++
Did that show up using a tube tester? Is a tube

tester any help here?

Excellent picture! I like the repair on the spring contact in the bottom right corner of the picture, I'm going to see if I can get some of those reproduced. I remember you telling me that a bad connection there would produce squealing on transmit.

BUT, to the woodshed with you Mr. I see those nasty corrosion spots on the chassis where the parts bolted on should have a solid ground connection.

Oh, I guess it probably has a ground through the bolt/nut/lockwasher but,.....

Joe

_____
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

# 2306. Re: [T-368_BC-610] T-368 Breakers

Yahoo group: T-368_BC-610
Date: 2005-07-02 00:28:08 UTC
From: Doug Wherry
Topic: 2288  Message: 2306

What ever!Mine has not drop any breakers in 8 years.Do as you like. I only suggested the cure that worked for me and my mentor.Bill, K80F
----- Original Message -----
From: "Joe Foley" <redmenaced@...>
To: <t-368_bc-610@yahoogroups.com>
Sent: Tuesday, June 28, 2005 9:40 PM
Subject: Re: [T-368_BC-610] T-368 Breakers

> 
> 
> --- r391 <r391@...> wrote:
> 
> > Evening Doug...
> > 
> > Think your compensating for another problem... I can
> > set my relay for no
> > time delay and nothing bad happens...
> > 
> > That said there is a problem on some but not all of
> > the T-3's with the tank
> > arcing over to the chassis at this point...
> > 
> > http://mysite.verizon.net/vze4brdx/DSCF0013.JPG
> > 
> > due to mistuning, sudden antenna problems or
> > modulating the rig to 100% or
> > a combination... but only if you have b+ on your
> > tank and it arcs over will
> > it pop the breaker as the power supply will dump
> > through the rf induced
> > arc... you might also loose your plate meter too...
> > anyway, that well known
> > electrically weak area is easily fixed with nylon
> > screws and some
> > insulating rubber sheet... if your having any kind
> > of flash over no matter
> > what is initiating it, that electrically narrow
> > pinch point is the place to
> > check and stabilize... mine was done before first
> > power up so I never had
> > an arcing problem to begin with... in any operating
> > condition...
> > 
> > Back to the question at hand which I also did have
> > at one point... the

> > breaker would trip while going into transmit or to
> > receive... this occurred
> > after many trouble free hours... didn't realize it
> > the first moment that it
> > happened but my 3B28's were apparently going
> > south... changed em out as the
> > easiest and cheapest 1st thing to do and the problem
> > was gone...
> ++++++++++
> Did that show up using a tube tester? Is a tube
> tester any help here?
>
> Excellent picture! I like the repair on the spring
> contact in the bottom right corner of the picture, I'm
> going to see if I can get some of those reproduced. I
> remember you telling me that a bad connection there
> would produce squealing on transmit.
>
> BUT, to the woodshed with you Mr. I see those nasty
> corrosion spots on the chassis where the parts bolted
> on should have a solid ground connection.
>
> Oh, I guess it probably has a ground through the
> bolt/nut/lockwasher but,.....
>
> Joe
>
>
>
> ---
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam protection around
> http://mail.yahoo.com
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> Yahoo! Groups Links
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# 2307. Re: [Milsurplus] BC-348/BC-610/SCR-522

Yahoo group: T-368_BC-610
Date: 2005-07-02 02:17:04 UTC
From: Joe Foley
Topic: 2307  Message: 2307

--- Lloyd KK7IZ <kk7iz@...> wrote:

> I have just fallen heir to the following "training"
> material. It was
> published by Philco and the envelopes are labeled
> "Information for tech reps
> from Philadelphia headquarters".
>
> The page count on the manuals include covers.
>
> #1
> Philco troubleshooting
> BC-348-J, BC-348-N, BC-348-Q ?1947
> 12 page manual
> 1 schematic 24" x 40"
>
> #2
> Philco troubleshooting procedure for
> Radio transmitter BC-610-E, speech amp BC-614-E,
> antenna tuning unit
> BC-939-A
> and junction box JB-70-A ?1948
> 32 page manual
> 2 schematics, each 24" x 40", one of transmitter and
> antenna tuning unit, 1
> of speech amp and junction box.
>
> #3
> Philco troubleshooting
> Radio Set SCR-522-AM ?1947
> 20 page manual
> 1 schematic 24" x 40"
>
> If there is any interest, I can have these
> duplicated. Costs would be
> BC-348 $12.00
> SCR-522 $12.00
> BC-610 $17.00
> Prices would include first class postage CONUS
> Contact me if interested.
>
> Thanx
> Lloyd KK7IZ
> kk7iz@...
>

> Lloyd Godsey KK7IZ
> 1315 N. udall Circle
> Mesa, Az 85203
> 480-620-7145 (cell)
> Visit my web site
> www.lloydsdipsydumpster.com
> And my NEW web sites
> www.antiqueradioarchives.com
> www.antiqueaircraftradios.com
> Collecting OLD civilian aircraft radios and
> literature
> Particularly Lear. Got anything?
> Some boatanchors got wings
>
>

---

> Milsurplus mailing list
> Home:
> http://mailman.qth.net/mailman/listinfo/milsurplus
> Help: http://mailman.qth.net/mmfaq.htm
> Post: mailto:Milsurplus@...
>

---

Yahoo! Sports
Rekindle the Rivalries. Sign up for Fantasy Football
http://football.fantasysports.yahoo.com

# 2308. BC-610 registry

Yahoo group: T-368_BC-610
Date: 2005-07-03 22:58:44 UTC
From: aa9wq
Topic: 375  Message: 2308

Hello everyone.

I have the BC-610 registry up and running on my web site now. If anyone wants to update or add anything let me know.

http://www.w9amr.com/610reg

Thanks

Larry

# 2309. Re: [T-368_BC-610] BC-610 registry

Yahoo group: T-368_BC-610
Date: 2005-07-04 01:07:52 UTC
From: Dave and Merrijoy
Topic: 375  Message: 2309

How about the *610* at Fair Radio, providing they still have it.
Dave w9ocm
----- Original Message -----
From: aa9wq
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, July 03, 2005 5:58 PM
Subject: [T-368_BC-610] BC-610 registry

Hello everyone.

I have the BC-610 registry up and running on my web site now. If anyone
wants to update or add anything let me know.

http://www.w9amr.com/610reg

Thanks

Larry

SPONSORED LINKS Radio transmitters Military surplus Radio broadcasting
Two way radio Xm radio Radio weather

---
YAHOO! GROUPS LINKS

a.. Visit your group "T-368_BC-610" on the web.

b.. To unsubscribe from this group, send an email to:
T-368_BC-610-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

---

---

No virus found in this incoming message.
Checked by AVG Anti-Virus.
Version: 7.0.323 / Virus Database: 267.8.8/37 - Release Date: 7/1/2005

[Non-text portions of this message have been removed]

# 2310. Re: 610 registry missing transmitters...

Yahoo group: T-368_BC-610
Date: 2005-07-04 04:44:33 UTC
From: aa9wq
Topic: 2310  Message: 2310

I have had a few e-mails wondering why there transmitters are not on the list.

This is a copy of the old list. If I missed any please resend me the info and I will add it. It was hard to work with the old list. Down load it and you will see what I mean. It's under files on the reflectors mail page. Plus I am not sure how up to date that one was. It's the only one I had to start with. Sorry about the over site. I will keep this one up to date. Everyone just needs to keep me informed. I will keep both the T-3 and the 610's as up to date as I can with everyone's help. Please send me any changes that need to be made and any new transmitters or missing ones that need added. I would love to see the lists grow!! I know there are a lot more of these that aren't on the list. If you talk to a fellow owner ask them if that are on the list and if they aren't have them send the info to me if they want to be a part of the list. I can even post the additions here on the reflector if it's ok with the moderator.

Larry W9AMR The proud owner of 2 T-368 and a BC-610.

# 2311. BC-610 Registry updates

Yahoo group: T-368_BC-610
Date: 2005-07-04 17:26:51 UTC
From: Mikhael Brown
Topic: 2311  Message: 2311

If anyone has any updates for the BC-610 registry please forward them to me.

http://milradio.syzen.com/BC610_Registry.aspx

Thanks,

Mike, N6WIG

Mikhael Brown
e-mail: mikhael@...

# 2312. R-390's

Yahoo group: T-368_BC-610
Date: 2005-07-04 17:27:30 UTC
From: aa9wq
Topic: 2312  Message: 2312

Is there any interest in starting a R-390-390a registry? Or is there one I don't know about? If there is interest I will start one. I have 2 A's and 1 non A to start the list with.

Larry W9AMR.

# 2313. RE: [T-368_BC-610] R-390's

Yahoo group: T-368_BC-610
Date: 2005-07-05 14:57:18 UTC
From: Mike Feher
Topic: 2312  Message: 2313

I think there are way too many R390*s to make the list worth it for a long time. I have been given and given away more of them for free than any other receiver. It seems there are too many T-368s also. I only had one BC-610 and I sold it so cheap, I, may as well given it away. A local ham is making good use of it. I think one of the best lists is the one for the Hallicrafters FPM-200s maintained by W8ZR. I may be biased, but, regardless, considering only about 200 were made, most of them re-called, so, not many are around. To me that item deserves a list. If for no other reason is that when I crap out they will be not be thrashed. There are others that deserve the same attention and distinction, but, I will not go there. So, while I am repeating myself, the R-390 series does not deserve that notoriety, yet. Maybe in 50 or more years. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of aa9wq
Sent: Monday, July 04, 2005 1:28 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] R-390's

Is there any interest in starting a R-390-390a registry? Or is there one I don't know about? If there is interest I will start one. I have 2 A's and 1 non A to start the list with.

Larry W9AMR.

Yahoo! Groups Links

# 2314. Re: [T-368_BC-610] R-390's

Yahoo group: T-368_BC-610
Date: 2005-07-05 16:03:09 UTC
From: Todd, KA1KAQ
Topic: 2312  Message: 2314

I agree with Mike (particularly the 'or more' part), and would ask - just how would such a registry be kept? Considering that the vast majority of these things are depot dogs, one person may have, for example, R-390A with EAC tag #546 on its panel, yet someone else may have the A with EAC #546 stamped on the back of the frame in ink. Who then has EAC #546? (* see below) What about the 'new' tags that can have any number you ask for stamped on them? And what about the separate modules with correct manufacturer and contract numbers? I mean, these things are really important to registry folk. Would it then end up being nothing more than a brag list? "Bill has one R-390 and three A models, Joe has one R-390, two As, and one R-391" or similar?

This is silly of course, but IMO so is the idea of running a registry for any high-production radio, especially one you can't track by some perceived pedigree. Or for that matter, anything beyond the unusual or rare/scarce. The real purpose for such a registry should be to serve as a means of tracking historically how many of a certain example exist, as well as offering a means for their keepers to contact each other with problems, solutions, and so on. There are already a multitude of mil-type reflectors for questions and help, specifically 2 or more for the R-390 family of receivers alone, and countless web pages supported by experts; real or otherwise.

I think Don Reaves is keeping a list of the much more scarce R-389 LF version, not sure if anyone is tracking the R-391. Two examples of where a registry could indeed help owners pass information to and fro as they resurrect these beasts.

I'm still waiting to see the first tag that reads "R-390/non-A" myself. Now, there's a registry just screaming to be made. And think of the epay possibilities.... (o:

Without a doubt, the R-390 family is right in the running for the 'best of the best' list. Enjoy it for what it is, as well as for what it is not.

de Todd/'Boomer' KA1KAQ

* Example: Collins KW-1, the production of which consists of a mere 150 examples and 2 prototypes, has *two* entries for #34 (only one has been verified). Obviously one is being misread by its owner, but if it can happen in such a small group, how would anyone manage a list in the potential tens of thousands with swapped out/missing tags?

On 7/5/05, Mike Feher <n4fs@...> wrote:
> I think there are way too many R390*s to make the list worth it for a long

> time. I have been given and given away more of them for free than any other
> receiver. It seems there are too many T-368s also. I only had one BC-610
> and
> I sold it so cheap, I, may as well given it away. A local ham is making
> good
> use of it. I think one of the best lists is the one for the Hallicrafters
> FPM-200s maintained by W8ZR. I may be biased, but, regardless, considering
> only about 200 were made, most of them re-called, so, not many are around.
> To me that item deserves a list. If for no other reason is that when I crap
> out they will be not be thrashed. There are others that deserve the same
> attention and distinction, but, I will not go there. So, while I am
> repeating myself, the R-390 series does not deserve that notoriety, yet.
> Maybe in 50 or more years. 73 - Mike
>
>
> Mike B. Feher, N4FS
> 89 Arnold Blvd.
> Howell, NJ, 07731
> 732-886-5960
>
>
>
> -----Original Message-----
> From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On
> Behalf Of aa9wq
> Sent: Monday, July 04, 2005 1:28 PM
> To: T-368_BC-610@yahoogroups.com
> Subject: [T-368_BC-610] R-390's
>
> Is there any interest in starting a R-390-390a registry? Or is there
> one I don't know about? If there is interest I will start one. I have 2
> A's and 1 non A to start the list with.
>
> Larry W9AMR.

# 2315. Re: [T-368_BC-610] R-390's

Yahoo group: T-368_BC-610
Date: 2005-07-05 17:08:54 UTC
From: wa5cab@cs.com
Topic: 2312  Message: 2315

Hee hee. If I had a bunch of repro nameplates, I'd stamp one of them "non-A"
and see how long it took a visitor to spot it. :-)

Seriously, though, "non-A" came into use because of the well known laziness
or sloppiness or whatever of most posters. There aren't that many R-390/URR's
compared to the bzillions of R-390A/URR's but nine times out of ten, someone
saying something about the latter just says or types "R-390", "R390" or just
"390". So when someone needs something for the former, they correctly make sure
to specify which model it really is. There are too many differences between
the two, starting with they don't even align the same way.

In a message dated 7/5/2005 11:03:40 AM Central Daylight Time,
ka1kaq@... writes:
> I'm still waiting to see the first tag that reads "R-390/non-A"
> myself. Now, there's a registry just screaming to be made. And think
> of the epay possibilities.... (o:

Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2316. RE: R-390 registery.

Yahoo group: T-368_BC-610
Date: 2005-07-05 20:42:16 UTC
From: aa9wq
Topic: 2316  Message: 2316

I know this is off the subject of 610-T-3's but it has stirred some activity on the reflector. My apologies to the moderator.

I have got e-mails and posting both positive and negative about a R-390 registry. Most negatives are that it's not practical. If I was worried about being practical about anything to do with this hobby I would not have most of the stuff I have in my shack and in my shop. I know there are a ton of 390's. Just thought it would be cool to watch the list grow. I will hold off on the ideal of a R-390 registry for the moment. Maybe later some time in the future I'll bring it up again.

Larry W9AMR

PS. Next time someone giving away r-390's, 610, t-3's I'll take a few :) I'll make more room in the shack!

# 2317. Re: [T-368_BC-610] RE: R-390 registery.

Yahoo group: T-368_BC-610
Date: 2005-07-05 22:40:48 UTC
From: Dave and Merrijoy
Topic: 2316  Message: 2317

Too bad. For those (like me) that have always wanted a R-390 but still haven't gotten one, a Yahoo discussion group sounded like a good idea. I would have joined.
Dave w9ocm

----- Original Message -----
From: aa9wq
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, July 05, 2005 3:42 PM
Subject: [T-368_BC-610] RE: R-390 registery.

I know this is off the subject of 610-T-3's but it has stirred some activity on the reflector. My apologies to the moderator.

I have got e-mails and posting both positive and negative about a R-390 registry. Most negatives are that it's not practical. If I was worried about being practical about anything to do with this hobby I would not have most of the stuff I have in my shack and in my shop. I know there are a ton of 390's. Just thought it would be cool to watch the list grow. I will hold off on the ideal of a R-390 registry for the moment. Maybe later some time in the future I'll bring it up again.

Larry W9AMR

PS. Next time someone giving away r-390's, 610, t-3's I'll take a few :) I'll make more room in the shack!

---
YAHOO! GROUPS LINKS

a.. Visit your group "T-368_BC-610" on the web.

b.. To unsubscribe from this group, send an email to:
T-368_BC-610-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

---

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No virus found in this incoming message.
Checked by AVG Anti-Virus.
Version: 7.0.323 / Virus Database: 267.8.8/37 - Release Date: 7/1/2005

[Non-text portions of this message have been removed]

# 2318. RE: [T-368_BC-610] R-390's

Yahoo group: T-368_BC-610
Date: 2005-07-05 22:50:41 UTC
From: Mike Feher
Topic: 2312  Message: 2318

That is true - I only have two R-390/URRs. - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of wa5cab@...
Sent: Tuesday, July 05, 2005 1:09 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] R-390's

Hee hee. If I had a bunch of repro nameplates, I'd stamp one of them "non-A"
and see how long it took a visitor to spot it. :-)

Seriously, though, "non-A" came into use because of the well known laziness or sloppiness or whatever of most posters. There aren't that many R-390/URR's
compared to the bzillions of R-390A/URR's but nine times out of ten, someone

saying something about the latter just says or types "R-390", "R390" or just

"390". So when someone needs something for the former, they correctly make sure
to specify which model it really is. There are too many differences between

the two, starting with they don't even align the same way.

In a message dated 7/5/2005 11:03:40 AM Central Daylight Time,
ka1kaq@... writes:
> I'm still waiting to see the first tag that reads "R-390/non-A"
> myself. Now, there's a registry just screaming to be made. And think
> of the epay possibilities.... (o:

Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

Yahoo! Groups Links

# 2319. RE: [T-368_BC-610] RE: R-390 registery.

Yahoo group: T-368_BC-610
Date: 2005-07-05 23:37:16 UTC
From: Mike Feher
Topic: 2316  Message: 2319

Larry -

Please do not let my post discourage you from starting your R-390* registry. My comments were strictly an opinion, and you know what they are worth. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of aa9wq
Sent: Tuesday, July 05, 2005 4:42 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] RE: R-390 registery.

I know this is off the subject of 610-T-3's but it has stirred some activity on the reflector. My apologies to the moderator.

I have got e-mails and posting both positive and negative about a R-390 registry. Most negatives are that it's not practical. If I was worried about being practical about anything to do with this hobby I would not have most of the stuff I have in my shack and in my shop. I know there are a ton of 390's. Just thought it would be cool to watch the list grow. I will hold off on the ideal of a R-390 registry for the moment. Maybe later some time in the future I'll bring it up again.

Larry W9AMR

PS. Next time someone giving away r-390's, 610, t-3's I'll take a few :) I'll make more room in the shack!

Yahoo! Groups Links

# 2320. RE: [T-368_BC-610] RE: R-390 registery.

Yahoo group: T-368_BC-610
Date: 2005-07-05 23:47:38 UTC
From: Mike Feher
Topic: 2316  Message: 2320

Additionally, my post had nothing to do with a discussion group. It was in response to a registry. I would welcome a discussion group. As many R-390*s that are out there they have equally many problems with them. It sure would be nice to share and benefit from others experiences with them. - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

# 2321. RE: R-390 registery.

Yahoo group: T-368_BC-610
Date: 2005-07-06 01:28:10 UTC
From: Tom Norris
Topic: 2316  Message: 2321

There is the boatanchors group, I'll have to look up
information for that, but there already is a very active'
R-390 Group --

http://mailman.qth.net/mailman/listinfo/r-390

There have been a several attempts on Yahoo, but they
all seemed to have died horrible deaths. The R-390
yahoo group has over 300 members but hasn't had a
post since 1999, there is also an R-390 Swap list which
has 26 memberss an 9 posting since 2001, then there
is the R-388 list with 20 members with a handful of
posts since it was created in 2003.

There is also an R-390A registry, though it shows numbers
of units per contract- as reported to him - and not individual
radios.

Tom NU4G

On Jul 5, 2005, at 5:40 PM, Dave and Merrijoy wrote:

> Too bad. For those (like me) that have always wanted a R-390 but
> still haven't gotten one, a Yahoo discussion group sounded like a
> good idea. I would have joined.
> Dave w9ocm
>

# 2322. Re: R-390's

Yahoo group: T-368_BC-610
Date: 2005-07-06 01:34:49 UTC
From: Tom Norris
Topic: 2312  Message: 2322

There are a couple folks that sell repro tags, but
the demand for phony tags is probably not as high.
A phony tag would be easy to do -- scan a real tag,
play with the text in Photoshop or what have you,
then print using whateverytheheck method is used
for PC boards - but apply it to the back of your tag.
One way it's a real radio, flip it over and it's a 390
non A, or an Interrocitor, or whatever you want it to
be.

Tom

I think I'll call mine a Transmogrifier MkII

On Jul 5, 2005, at 5:50 PM, Mike Feher wrote:

> That is true - I only have two R-390/URRs. - Mike
>
>
> Mike B. Feher, N4FS
> 89 Arnold Blvd.
> Howell, NJ, 07731
> 732-886-5960
>
>
>
> -----Original Message-----
> From: T-368_BC-610@yahoogroups.com
> [mailto:T-368_BC-610@yahoogroups.com]
>
> Hee hee. If I had a bunch of repro nameplates, I'd stamp one of them
> "non-A"
> and see how long it took a visitor to spot it. :-)
>
> Seriously, though, "non-A" came into use because of the well known
> laziness
> or sloppiness or whatever of most posters. There aren't that many
> R-390/URR's

# 2323. Re: [T-368_BC-610] RE: R-390 registery.

Yahoo group: T-368_BC-610
Date: 2005-07-06 01:45:28 UTC
From: Joe Foley
Topic: 2316  Message: 2323

Well,..... there is this one:

http://groups.yahoo.com/group/R390-Non-Abridged/

Joe

--- Dave and Merrijoy <merrijoy@...> wrote:

> Too bad. For those (like me) that have always
> wanted a R-390 but still haven't gotten one, a Yahoo
> discussion group sounded like a good idea. I would
> have joined.
> Dave w9ocm
>
> ----- Original Message -----
> From: aa9wq
> To: T-368_BC-610@yahoogroups.com
> Sent: Tuesday, July 05, 2005 3:42 PM
> Subject: [T-368_BC-610] RE: R-390 registery.
>
>
> I know this is off the subject of 610-T-3's but it
> has stirred some
> activity on the reflector. My apologies to the
> moderator.
>
> I have got e-mails and posting both positive and
> negative about a R-390
> registry. Most negatives are that it's not
> practical. If I was worried
> about being practical about anything to do with
> this hobby I would not
> have most of the stuff I have in my shack and in
> my shop. I know there
> are a ton of 390's. Just thought it would be cool
> to watch the list
> grow. I will hold off on the ideal of a R-390
> registry for the moment.
> Maybe later some time in the future I'll bring it
> up again.
>
> Larry W9AMR
>
> PS. Next time someone giving away r-390's, 610,
> t-3's I'll take a
> few :) I'll make more room in the shack!

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>
---
> YAHOO! GROUPS LINKS
>
> a.. Visit your group "T-368_BC-610" on the web.
>
> b.. To unsubscribe from this group, send an
> email to:
> T-368_BC-610-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the
> Yahoo! Terms of Service.
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>
>
> No virus found in this incoming message.
> Checked by AVG Anti-Virus.
> Version: 7.0.323 / Virus Database: 267.8.8/37 -
> Release Date: 7/1/2005
>
>
> [Non-text portions of this message have been
> removed]
>
>

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Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

# 2324. RE: [T-368_BC-610] RE: R-390 registery.

Yahoo group: T-368_BC-610
Date: 2005-07-06 01:52:51 UTC
From: Mike Feher
Topic: 2316  Message: 2324

I am afraid to search for other lists for the fear of finding them. But, thanks for the info anyway and I will join. - 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Joe Foley
Sent: Tuesday, July 05, 2005 9:45 PM
To: t-368_bc-610@yahoogroups.com
Subject: Re: [T-368_BC-610] RE: R-390 registery.

Well,..... there is this one:

http://groups.yahoo.com/group/R390-Non-Abridged/

Joe

--- Dave and Merrijoy <merrijoy@...> wrote:

> Too bad. For those (like me) that have always
> wanted a R-390 but still haven't gotten one, a Yahoo
> discussion group sounded like a good idea. I would
> have joined.
> Dave w9ocm
>
> ----- Original Message -----
> From: aa9wq
> To: T-368_BC-610@yahoogroups.com
> Sent: Tuesday, July 05, 2005 3:42 PM
> Subject: [T-368_BC-610] RE: R-390 registery.
>
>
> I know this is off the subject of 610-T-3's but it
> has stirred some
> activity on the reflector. My apologies to the
> moderator.
>
> I have got e-mails and posting both positive and
> negative about a R-390
> registry. Most negatives are that it's not
> practical. If I was worried
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> this hobby I would not

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> grow. I will hold off on the ideal of a R-390
> registry for the moment.
> Maybe later some time in the future I'll bring it
> up again.
>
> Larry W9AMR
>
> PS. Next time someone giving away r-390's, 610,
> t-3's I'll take a
> few :) I'll make more room in the shack!
>
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--
> YAHOO! GROUPS LINKS
>
> a.. Visit your group "T-368_BC-610" on the web.
>
> b.. To unsubscribe from this group, send an
> email to:
> T-368_BC-610-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the
> Yahoo! Terms of Service.
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>
> No virus found in this incoming message.
> Checked by AVG Anti-Virus.
> Version: 7.0.323 / Virus Database: 267.8.8/37 -
> Release Date: 7/1/2005
>

>
> [Non-text portions of this message have been
> removed]
>
>

---------------------------------------------
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

Yahoo! Groups Links

# 2325. Re: [T-368_BC-610] Re: R-390's

Yahoo group: T-368_BC-610
Date: 2005-07-06 03:50:34 UTC
From: wa5cab@cs.com
Topic: 2312  Message: 2325

Tom,

Good Lord! I didn't mean I was going to offer them for sale!!! I have thought, though, about having some T-3/FRT tags made and offering them to typing impaired T-368 owners. :-)

In a message dated 7/5/2005 8:34:56 PM Central Daylight Time, r390a@... writes:
> There are a couple folks that sell repro tags, but
> the demand for phony tags is probably not as high.
> A phony tag would be easy to do -- scan a real tag,
> play with the text in Photoshop or what have you,
> then print using whateverytheheck method is used
> for PC boards - but apply it to the back of your tag.
> One way it's a real radio, flip it over and it's a 390
> non A, or an Interrocitor, or whatever you want it to
> be.
>
> Tom
>
> I think I'll call mine a Transmogrifier MkII
>

Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2326. Re: [T-368_BC-610] Re: R-390's

Yahoo group: T-368_BC-610
Date: 2005-07-06 04:14:38 UTC
From: Tom Norris
Topic: 2312  Message: 2326

No no, I meant doing it *just for fun* and making them
one at a time like the lazy was of masking pc boards,
(print layout from QEX or what have you, iron the just
printed image onto blank board - ) just for when folks
come by the shack.

Just for *your own* amusement.

Tom

On Jul 5, 2005, at 10:50 PM, WA5CAB@... wrote:

> Tom,
>
> Good Lord! I didn't mean I was going to offer them for sale!!! I
> have thought, though, about having some T-3/FRT tags made and
> offering them to typing impaired T-368 owners. :-)
>
> In a message dated 7/5/2005 8:34:56 PM Central Daylight Time,
> r390a@... writes:
>> There are a couple folks that sell repro tags, but
>> the demand for phony tags is probably not as high.
>> A phony tag would be easy to do -- scan a real tag,
>> play with the text in Photoshop or what have you,
>> then print using whateverytheheck method is used
>> for PC boards - but apply it to the back of your tag.
>> One way it's a real radio, flip it over and it's a 390
>> non A, or an Interrocitor, or whatever you want it to
>> be.
>>
>> Tom
>>
>> I think I'll call mine a Transmogrifier MkII
>
>
> Robert Downs - Houston
> <http://www.wa5cab.com> (Web Store)
> MVPA 9480
> <wa5cab@...> (Primary email)
> <wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2327. Re: [T-368_BC-610] Re: R-390's

Yahoo group: T-368_BC-610
Date: 2005-07-06 04:23:25 UTC
From: wa5cab@cs.com
Topic: 2312  Message: 2327

Ah, OK. Same as my T-3/FRT tags for people who own T-368/URT's but can't remember the full nomenclature. :-)

In a message dated 7/5/2005 11:08:00 PM Central Daylight Time,
r390a@... writes:
> No no, I meant doing it just for fun and making themin small batches using
> photoresist or whatever, for when folks come by the shack. Just for *your
> own* amusement.
>
>
>
> On Jul 5, 2005, at 10:50 PM, WA5CAB@... wrote:
>
> >> Tom,
>>
>> Good Lord! I didn't mean I was going to offer them for sale!!! I have
>> thought, though, about having some T-3/FRT tags made and offering them to
>> typing impaired T-368 owners. :-)
>>
>> In a message dated 7/5/2005 8:34:56 PM Central Daylight Time,
>> r390a@... writes:
>> >>> There are a couple folks that sell repro tags, but
>>> the demand for phony tags is probably not as high.
>>> A phony tag would be easy to do -- scan a real tag,
>>> play with the text in Photoshop or what have you,
>>> then print using whateverytheheck method is used
>>> for PC boards - but apply it to the back of your tag.
>>> One way it's a real radio, flip it over and it's a 390
>>> non A, or an Interrocitor, or whatever you want it to
>>> be.
>>>
>>> Tom
>>>
>>> I think I'll call mine a Transmogrifier MkII
>>>
>>
>
>
>
>

Robert & Susan Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)

<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2328. Re: [T-368_BC-610] Re: R-390's

Yahoo group: T-368_BC-610
Date: 2005-07-06 14:05:49 UTC
From: Todd, KA1KAQ
Topic: 2312  Message: 2328

On 7/6/05, wa5cab@... <wa5cab@...> wrote:
> Ah, OK. Same as my T-3/FRT tags for people who own T-368/URT's but can't
> remember the full nomenclature. :-)

Sounds like we're building our own ebonics-type radio vocabulary here?
If so, we can just dispense with most of it and make tags that say
"BIG RADIO, GRAY/HEAVY/CONFUSING". This can only help the non-cause.
The guys out there with engraving machines could make a ton of money
updating things like SX-28s to say 'SX-28 non-A", too.

As far as the T-368 goes, just chop the tags right after the number 3.
Use the remainder for some rare 68/FRT radios on ebay. You gots ta be
ready for the trendy folks. BC-610s could get messy.

I can hear Hank tooling up now....

# 2329. 6000 exciter tube.

Yahoo group: T-368_BC-610
Date: 2005-07-06 16:28:23 UTC
From: aa9wq
Topic: 2329  Message: 2329

Does anyone need one?

http://cgi.ebay.com/ws/eBayISAPI.dll?
ViewItem&item=5787365303&ssPageName=ADME:B:SS:US:1

Probably will go for more then it's worth, but if you need one...

# 2330. Re: [T-368_BC-610] RE: R-390 registery.

Yahoo group: T-368_BC-610
Date: 2005-07-06 13:02:47 UTC
From: Todd, KA1KAQ
Topic: 2316  Message: 2330

On 7/5/05, Dave and Merrijoy <merrijoy@...> wrote:
> Too bad. For those (like me) that have always wanted a R-390 but still
> haven't gotten one, a Yahoo discussion group sounded like a good idea. I
> would have joined.

Dave and anyone else who is wondering -

Not sure how you missed this part before, but here's a repost, FYI:

>There are already a
multitude of mil-type reflectors for questions and help, specifically
2 or more for the R-390 family of receivers alone, and countless web
pages supported by experts; real or otherwise.

Granted, I did not post specific links (I like to think that folks are
at least a bit resourceful and internet-savvy), but there is probably
more info available online for the R-390 family of receivers than any
other one. By simply using that weird Google thingy and typing in:

R-390 mailing list

I got the following two hits right at the top:

mailman.qth.net/mailman/listinfo/r-390
Similar pages

Yahoo! Groups : r-390
Welcome to the R-390 mailing list! Please save this message for future
reference. The R-390 Mailing List is for the discussion of the
features, operating, ...
groups.yahoo.com/group/r-390/ - 20k - Cached - Similar pages

Amazing technology, this here internet thing.... (o:

# 2331. Re: [T-368_BC-610] RE: R-390 registery.

Yahoo group: T-368_BC-610
Date: 2005-07-06 13:25:23 UTC
From: Todd, KA1KAQ
Topic: 2316  Message: 2331

On 7/5/05, aa9wq <aa9wqham@...> wrote:
<snip>
> I have got e-mails and posting both positive and negative about a R-390
> registry. Most negatives are that it's not practical. If I was worried
> about being practical about anything to do with this hobby I would not
> have most of the stuff I have in my shack and in my shop. I know there
> are a ton of 390's. Just thought it would be cool to watch the list
> grow. I will hold off on the ideal of a R-390 registry for the moment.
> Maybe later some time in the future I'll bring it up again.

Larry, I was more curious to know how you would go about creating a "registry" with radios that have no real way to be tracked or registered accurately other than by number surviving/current owner. It really has nothing to do with practicality, at least not in the same sense as having old stuff in your shop or shack - that is (of course) completely practical, if not considered sensible by those who dislike old gear. As one of my old math teachers used to say, "apples vs. oranges".

In another post I've reposted part of my comments more specific to lists, pages, etc with suggestions as to how to look for info with an internet search engine. Hopefully this will clarify things more. I see that Tom Marcotte has posted his information page, which is probably the most well-researched and extensive explanation of the models, manufacturers, and approximate numbers produced. He and Les Locklear have been in the business (okay, 'hobby' really) of collecting information and sharing it with the rest of us, for many years now.

If you really want a registry-type of challenge, try to collect and format information for all of the existing 'original' or completely matching units still in existence. There are a few that didn't go through the military or its depot-servicing (where defective modules were replaced with working modules, regardless of manufacturer; tags were swapped, etc). Find those with all modules matching, front tags matching the s/n stamped on rear in ink (not all have these, but what the hell) and so on. I suspect it will be a very small list, but also a very challenging one to assemble. I know of several folks who have or had units in this group, they do exist. Make sure to get shots of all modules and tags to confirm.

Of course, keeping track of where they are or when they change hands could be tricky. At the very least, it will keep you busy.

> Larry W9AMR
>
> PS. Next time someone giving away r-390's, 610, t-3's I'll take a

> few :) I'll make more room in the shack!

I got my R-390/URR for free, one of those 'if you can carry it away, you can have it' deals, got another one in a trade which ended up going to George Rancourt (one of the OT R-390 guys who truly knows his stuff), several R-390As in deals from $100 to $200. They do exist, one just needs to be resourceful and not automatically default to the path of online convenience. Online works fine, it's just more expensive.

Then of course, there was the *free* T-368 that one of the guys had given to him 2-3 years back. Like-new condition, stored in the garage of a house being sold, the owner was about to scrap it. 2 of us helped the new owner move it from one side of the state to the other. I still drool whenever I think about it.

Excuse me while I go wipe off the keyboard....

~ Todd/'Boomer' KA1KAQ

# 2332. Re: [T-368_BC-610] RE: R-390 registery.

Yahoo group: T-368_BC-610
Date: 2005-07-07 21:41:15 UTC
From: Gene Beckwith
Topic: 2316  Message: 2332

Mike, and T-3 Gang,

I've not been closely following the R-390X situation recently...have
been occupied with many other projects around the shack here at the
W8KXR Super Station, so please excuse me if I'm a bit out of date...

But, ur question seems to imply there is no active R-390x reflector
activity, or at least one that is functioning as an active forum for
R-390x operation and their care and rehabilitation...at one time there
was such a reflector and a very excellent one at that...but...like many
things it more or less ran its course and died a politically muddled
death...

Let me know if I am really out of date re the R-390x story...?

I have a stable of --390x's along with two T-368s...and would be curious
about the current situation...

73,

Gene - W8KXR -

Clinton, Ohio...

Mike Feher wrote:

>Additionally, my post had nothing to do with a discussion group. It was in
>response to a registry. I would welcome a discussion group. As many R-390*s
>that are out there they have equally many problems with them. It sure would
>be nice to share and benefit from others experiences with them. - Mike
>
>
>Mike B. Feher, N4FS
>89 Arnold Blvd.
>Howell, NJ, 07731
>732-886-5960
>
>
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>
>Yahoo! Groups Links
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>

# 2333. 6000 tube on E-bay

Yahoo group: T-368_BC-610
Date: 2005-07-11 02:49:40 UTC
From: redmenaced
Topic: 2333  Message: 2333

Isn't that interesting?

Not a SINGLE BID!

I wonder how high the reserve was?

$12 to ship, too.

Hmm,...

Joe

# 2334. Re: [T-368_BC-610] 6000 tube on E-bay

Yahoo group: T-368_BC-610
Date: 2005-07-12 01:46:28 UTC
From: Joe Foley
Topic: 2333  Message: 2334

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&category=48710&item=5787365303&rd=1&ssPageName=WDVW

--- Tom Norris <r390a@...> wrote:

> NO ONE BID??
>
> Everyone talks about not being able
> to find 6000's and no one bid. Geesh.
> But, yea, the high shipping and God
> only knows how high the reserve was.
>
> Do you still have the item #?
>
> Tom
>
> On Jul 10, 2005, at 9:49 PM, redmenaced wrote:
>
> > Isn't that interesting?
> >
> > Not a SINGLE BID!
> >
> > I wonder how high the reserve was?
> >
> > $12 to ship, too.
> >
> > Hmm,...
> >
> > Joe
> >
> >
> >
> > YAHOO! GROUPS LINKS
> >
> > Visit your group "T-368_BC-610" on the web.
> >
> > To unsubscribe from this group, send an email to:
> > T-368_BC-610-unsubscribe@yahoogroups.com
> >
> > Your use of Yahoo! Groups is subject to the
> Yahoo! Terms of Service.
> >
> >
>
>

_____
Do you Yahoo!?
Yahoo! Mail - Find what you need with new enhanced search.
http://info.mail.yahoo.com/mail_250

# 2335. Hallicrafters R-274/FRR FS

Yahoo group: T-368_BC-610
Date: 2005-07-14 14:27:41 UTC
From: Mikhael Brown
Topic: 2335  Message: 2335

Hello,

I have a Hallicrafters R-274/FRR (SX-73) which I am offering for sale to the group. It is in very good condition with the original Hallicrafters cabinet. It is in working condition only missing 2 of the screws that hold the reciever in the cabinet.
The Hallicrafters SX-73 (R-274) communications receiver was manufactured from 1952 to 1954 for the military-commercial market. It covers 0.54-54 MHz in six bands, AM/CW.
A copy of the manual can be found on this site, if you want more technical info on the receiver, http://bama.edebris.com/manuals/military-kg7bz/r274/
I can get digital photos for anyone interested.
I am asking $750 plus shipping. I will deliver in San Jose, Ca or Fresno, Ca areas.

Mike

Mikhael Brown
e-mail: mikhael@...

# 2336. Winter Projects

Yahoo group: T-368_BC-610
Date: 2005-07-14 21:49:36 UTC
From: K3PID
Topic: 2336  Message: 2336

Well I'm lining up the work for a long cold winter and I am planning on a lot of help from the group! First I have my T-368 that need to do just a little work on ( new speech amp), second is the rebuild of the Chicago Electronics 20A that I just purchased and it need work, and third is the design and construction of the 160 - 10 meter VFO utilizing the Collins 70E-8A.

That ought to take me into spring don't you think?

73
K3PID
Ron H.

# 2337. Its B-A-A-A-C-K!

Yahoo group: T-368_BC-610
Date: 2005-07-14 21:49:39 UTC
From: redmenaced
Topic: 2337  Message: 2337

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=5789081775

# 2338. Re: [T-368_BC-610] Its B-A-A-A-C-K!

Yahoo group: T-368_BC-610
Date: 2005-07-15 02:31:32 UTC
From: Tom Norris
Topic: 2337  Message: 2338

hehe

Not for long it looked like - someone did a BIN for $20.
One of us, maybe? Buyer's Ebay ID is "racepinto"

Tom NU4G

On Jul 14, 2005, at 4:49 PM, redmenaced wrote:

> http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=5789081775
>

[Non-text portions of this message have been removed]

# 2339. T-3 manufacturers

Yahoo group: T-368_BC-610
Date: 2005-07-17 00:56:26 UTC
From: K3PID
Topic: 2339  Message: 2339

Who were the manufacturers of the T-3? Has anyone ever put together a list
by manufacturer, serial number, date of manufacturer?

K3PID
Ron H.

# 2340. T-3 manufacturers?

Yahoo group: T-368_BC-610
Date: 2005-07-17 02:46:30 UTC
From: Joe Foley
Topic: 2340  Message: 2340

> --- K3PID <k3pid@...> wrote:
>
> >
> > Who were the manufacturers of the T-3? Has anyone
> > ever put together a list
> > by manufacturer, serial number, date of
> > manufacturer?
> ++++++++=
> No, we haven't! So far we're not sure who all made
> them or how many were made.
>
> We're also not sure how many the gov't crushed!!
>
> Joe
>
> _____
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam
> protection around
> http://mail.yahoo.com
>

_____
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

# 2341. T-3 manufacturers?

Yahoo group: T-368_BC-610
Date: 2005-07-17 02:46:38 UTC
From: Joe Foley
Topic: 2340  Message: 2341

> --- K3PID <k3pid@...> wrote:
>
> >
> > Who were the manufacturers of the T-3? Has anyone
> > ever put together a list
> > by manufacturer, serial number, date of
> > manufacturer?
> ++++++++=
> No, we haven't! So far we're not sure who all made
> them or how many were made.
>
> We're also not sure how many the gov't crushed!!
>
> Joe
>
> _____
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam
> protection around
> http://mail.yahoo.com
>

_____
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

# 2342. Re: [Milsurplus] Manuals to go.

Yahoo group: T-368_BC-610
Date: 2005-07-18 02:10:29 UTC
From: Joe Foley
Topic: 2342  Message: 2342

Not mine! E-mail Pete in Aus, listed below.

--- pete williams <jupete@...> wrote:

>
>
> Readvertised : Manual for BC - 610 -E, amd
> transmitter T-13/GRC-26
> . Also includes supplement dated March 1953.. $25.
>
> Manual Receiver radar R-428 /APR-14.. Loose leaf
> photo copy $15.
>
> Manual ARC -123 (V) $30
>
> Manual AN / ARN -52 Tacan nav $30
>
> Post extra.
>
>
> Pete D . Williams
> METUNG 3904
> Australia
> jupete@...
>
>
>
> --
> No virus found in this outgoing message.
> Checked by AVG Anti-Virus.
> Version: 7.0.323 / Virus Database: 267.9.0/50 -
> Release Date: 16/07/2005
>
>


_____
> Milsurplus mailing list
> Home:
> http://mailman.qth.net/mailman/listinfo/milsurplus
> Help: http://mailman.qth.net/mmfaq.htm
> Post: mailto:Milsurplus@...
>

_____
Start your day with Yahoo! - make it your home page
http://www.yahoo.com/r/hs

# 2343. BC-610 REGISTRIES

Yahoo group: T-368_BC-610
Date: 2005-07-17 17:01:17 UTC
From: Norman & Barbara Ray
Topic: 2343  Message: 2343

Are the BC-610 Registries still active? I have sent in information for what I believe are two separate registries on a couple of occasions quite some time ago per their instructions but the listings never seem to change.

I am sure this effort is a "labor of love" and do thank those involved.

Norm W7LFA

[Non-text portions of this message have been removed]

# 2344. Speech Amp recommendations please

Yahoo group: T-368_BC-610
Date: 2005-07-23 02:16:59 UTC
From: K3PID
Topic: 2344  Message: 2344

Getting ready to do a speech amp mod on my T3 this winter but it looks like there are at least 4 variations of mods. What is the consensus of this group on the best one? I want to start collecting parts...

K3PID
Ron H.

# 2345. T3 Dummy Load on the auction place

Yahoo group: T-368_BC-610
Date: 2005-07-24 02:09:51 UTC
From: K3PID
Topic: 2345  Message: 2345

Check it out! Looks in great condition! 5789691185

K3PID
Ron H.

# 2346. Can you help, please?

Yahoo group: T-368_BC-610
Date: 2005-07-24 02:38:05 UTC
From: redmenaced
Topic: 2346  Message: 2346

http://www.unmetneeds.com/

# 2347. Re: [T-368_BC-610] T3 Dummy Load on the auction place

Yahoo group: T-368_BC-610
Date: 2005-07-24 03:53:31 UTC
From: James M. Walker
Topic: 2345  Message: 2347

Wellll,
First off the item description, seems to indicate, that the unit HAS been
modified. Next the connectors are SO-239s and that means it has been changed
as well. I would say this seller is NOT familiar with the unit or he would
know that.

As for the description, unmodified ME-165/G units DO NOT monitor power out
all the time. The manual and schematic verify that at a glance.

Lastly the price is prohibitive in the buy it now column, See fair radio
for a more realistic price for depot refurbed units.

I just bought three on the E-bay place, separately and most of them were
less than 45.00. Seems you could wait for another bargain to come along.

Oh and the manual is on my web page under Military radios.
As always YMMV
Jim
WB2FCN
Did I mention I use these things a lot?

K3PID wrote:
>
> Check it out! Looks in great condition! 5789691185
>
> K3PID
> Ron H.
>
>
>
> Yahoo! Groups Links
>
>
>
>

# 2348. Re: [T-368_BC-610] T3 Dummy Load on the auction place

Yahoo group: T-368_BC-610
Date: 2005-07-24 03:56:20 UTC
From: James M. Walker
Topic: 2345  Message: 2348

for something in a more realistic vain try item 5791870766
Jim
WB2FCN

K3PID wrote:
>
> Check it out! Looks in great condition! 5789691185
>
> K3PID
> Ron H.
>
>
>
> Yahoo! Groups Links
>
>
>
>

# 2349. "POOF!" and it was g o n e

Yahoo group: T-368_BC-610
Date: 2005-07-31 22:24:33 UTC
From: Mark Foltarz
Topic: 2349  Message: 2349

I was thinking of blowing ( another ) $1000 from the engagement ring fund.

And then when I refreshed the browser it was sold with it buy it now.

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=5794146638

de KA4JVY

Mark

---------------------------------------------------
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

# 2350. Re: [T-368_BC-610] "POOF!" and it was g o n e

Yahoo group: T-368_BC-610
Date: 2005-07-31 23:02:11 UTC
From: Tom Norris
Topic: 2349  Message: 2350

Geeesh

It even rare to see those AROUND much less for sale.
You luck sounds like mine though, Mark. :-(

I know there were a huge number of those around, but
there were *some* I wonder what happened to them
all?

Tom

On Jul 31, 2005, at 5:24 PM, Mark Foltarz wrote:

> I was thinking of blowing ( another ) $1000 from the engagement
> ring fund.
>
> And then when I refreshed the browser it was sold with it buy it now.
>
> http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=5794146638
>
>
> de KA4JVY
>
> Mark
>
> ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam protection around
> http://mail.yahoo.com
>
> YAHOO! GROUPS LINKS
>
> Visit your group "T-368_BC-610" on the web.
>
> To unsubscribe from this group, send an email to:
> T-368_BC-610-unsubscribe@yahoogroups.com
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>

[Non-text portions of this message have been removed]

# 2351. Cue rod Sterling

Yahoo group: T-368_BC-610
Date: 2005-08-01 13:01:37 UTC
From: Geoff
Topic: 2351  Message: 2351

Strange anomalies occuring in San Antonio...

On a recent trip back to San Antonio from New Orleans, I stopped in at my buddy WA5BXO/John's place, in Spring, TX, and picked up some personal stuff that was there. One of the items was my Sure SM-7 microphone. I was anxious to plug the balanced audio output of the mic, back into the 31-band Graphic equalizer, feed the balanced output into my balanced-input, highly modified Bogen PA system that's being used at a speech-amp and get on the air with some 'big' audio.

All was great. Audio sounded fabulous, reports were glowing with praise and the positive/negative peak ratio was pushing 4:1 on the 'scope. Good thing I'm only running 100w of carrier output on the rig, eh? Anymore, and a 4:1 ratio would mean I was running more than 1,500w PEP. (www.qsl.net/wa5bxo/asyam/aam3.html)

Anyway - all was great. I was up early (3:am or so) and was on 3.885 calling "CQ 75m Fone". No answer. Did some more testing, adjusting, tweaking and even tried the big Western Electric Ribbon microphone (there's three inputs, and a JT-30 is on #3 input, the EQ output is on #2) but input #1 on the Bogen has a problem so, I just turned it down, and didn't bother with the big mic. Problem is probably a bum 6EU7.

Then, along around 3:47am the phone rings...

A sleepy-sounding gal asks "did someone call me from this number?" CallerID had her placed South of town - I could tell by the prefix) and I said, "sorry - we don't call people at 4am, unless there's an emergency, and there's nothing going on, here..." "ok, thank you".

I hung up, went back to working on the audio, again. Got in a QSO around 5am and all was great. Signals were up, conditions were good, reports were glowing.

Around 7:15am, there was a *tap* *tap* *tap* on the shack door. I thought "huh? Who would be here at 7:15am, on a Sunday morning?"

When I got to the door, there was a big ol' COP out there. Now, when I say big, I'm 6'3" and 260, and this guy was head and shoulders taller than I am!

He asks: "is everything ok, here?"
I looked at him, kinda incredulously... "yeah, all's fine. Why? What's the matter?"
He says: "We recieved a Nine one one call, from this residence."

I immediately assure him that there's nothing wrong, and I say 'hang on a sec" and go back to check on my aged mother, who's laying in her bed, sounding like she's sawing Big Redwood trees into kindling. She's fine and I go back to the cop and say "man, everything here is fine. Do you know who called?"
He says the call was placed -from- the residence. I ask him "what time?" He calls the dispatcher and she says that the call came in at 7:05am - they showed up at 7:15am.

When they (there's two, by now) are satisfied that all is great, he says "you're a radio operator?" peering over my shoulder, looking at the rig and all
(http://w5omr.shacknet.nu/~w5omr/hamstuff/My%20Junque/hamshack-1July2005/2005-07-08/100_0061.JPG)
and I invite him in. I go on to tell him about all the neat things that Hams, in general, do; how we're able to talk to the Space shuttle (since it's up there, right now and is a current event topic); all the emergency communications; how hams were the first responders to the September 11th disaster; how when there's no power or electricity from a flood, hurricane, earthquake, or other natural disasters that Hams are the first ones on the scene, provind communications with emergecy power, portable antennas etc... and then go on to explain about my affliction with old-tyme radios and how I *could* spend upwards of $10,000 dollars for a commercially built radio, but that I could build one myself that does basically the same thing, because when you boil it all down, all you need to be able to do, is talk to the person on the other end, and hear him talking back to you, and building something that works from parts, instills a lot of pride, and that there were other people who shared the same interest. I compared it to driving a kit-car (that you build) as opposed to picking one up off the showroom floor. The analogy was good, because it worked.

The nice police officer agreed that it was a neat thing, he was impressed with it all, thanked me for my time, and he and his partner went on about other more serious (I'm sure) affairs.

In the mean time, I'm wondering "what in the world is going on with this damn rig?" and the first thing I do, is install a low-pass filter on the output of the rig (that I -thought- was in-line, but wasn't). I don't think it makes much difference, but it's there anyway and I'm still in a quandry.

So, when I'm faced with an electronic puzzlement, especially RF related, I call my friend/mentor/AM Elmer, John/WA5BXO.

He goes on to tell me about how he, Otis and Candy/K5IYW, back in the old days, had an Elvis style, Sure 55S microphone (which now houses the dual condensor mic elements with 4 LED's in a picture John had up here in the Reflector yesterday) that had just the slightest RF feedback in it... not enough to hear, but enough to go through the rig, and it was because of the magnetic pick-up in the mic. Perhaps John will weigh in here and straighten that story out (I hope so, anyway). He said, that

because of the feed-back, there were parasitics and birdies up and down the band, around ever 20kc or so, from the fundamental frequency.

I guess it's all possible. I've heard my dad tell tales about how his BC-610 had the metal grills in an oven in a house that was two doors down, 'talking'. The grill was apparently resonat with the carrier frequency, and you could hear the audio on the carrier. She was a little embarrassed about it, because she heard his voice in her oven, when she came out of the shower, the first time. Dad 'tweaked' the grill a little, took it out of resonance, and the problem never came back.

The thing that has me puzzled most, is that somehow the rig had to take the phone off the hook, THEN dial out. The switch is a mechanical device.

(insert Twilight
Zone music, here)

It had to be dialing random numbers. I had never seen the number/name of the person that called at 3:347am.
I wonder if there were any long distance numbers dialed? ;-)

Come to think of it, I had disconnected and put back on a shelf, the big Western Electric Ribbon mic, AFTER the police showed up. It certainly has a big horse-shoe magnet in it, but that input was at minimum, because it doesn't work.

Curiouser and Curiouser

Such is life here, at W5OMR

Any ideas/thoughts/comments?

---
73 = Best Regards,
-Geoff/W5OMR

# 2352. Re: [T-368_BC-610] Cue rod Sterling

Yahoo group: T-368_BC-610
Date: 2005-08-02 23:18:56 UTC
From: Joe Foley
Topic: 2351  Message: 2352

Nah, all that had to happen is to generate the tones
on the out-going line, past your phone. It was up to
the phone company equipment to make sense out of it
all, and it did what it could, it dialed random
numbers.

Joe KG2CI

--- Geoff <w5omr@...> wrote:

> Strange anomalies occuring in San Antonio...
>
> On a recent trip back to San Antonio from New
> Orleans, I stopped in at
> my buddy WA5BXO/John's place, in Spring, TX, and
> picked up some personal
> stuff that was there. One of the items was my Sure
> SM-7 microphone. I
> was anxious to plug the balanced audio output of the
> mic, back into the
> 31-band Graphic equalizer, feed the balanced output
> into my
> balanced-input, highly modified Bogen PA system
> that's being used at a
> speech-amp and get on the air with some 'big' audio.
>
> All was great. Audio sounded fabulous, reports were
> glowing with praise
> and the positive/negative peak ratio was pushing 4:1
> on the 'scope.
> Good thing I'm only running 100w of carrier output
> on the rig, eh?
> Anymore, and a 4:1 ratio would mean I was running
> more than 1,500w PEP.
> (www.qsl.net/wa5bxo/asyam/aam3.html)
>
> Anyway - all was great. I was up early (3:am or so)
> and was on 3.885
> calling "CQ 75m Fone". No answer. Did some more
> testing, adjusting,
> tweaking and even tried the big Western Electric
> Ribbon microphone
> (there's three inputs, and a JT-30 is on #3 input,
> the EQ output is on
> #2) but input #1 on the Bogen has a problem so, I
> just turned it down,

> and didn't bother with the big mic. Problem is
> probably a bum 6EU7.
>
> Then, along around 3:47am the phone rings...
>
> A sleepy-sounding gal asks "did someone call me from
> this number?"
> CallerID had her placed South of town - I could tell
> by the prefix) and
> I said, "sorry - we don't call people at 4am, unless
> there's an
> emergency, and there's nothing going on, here..."
> "ok, thank you".
>
> I hung up, went back to working on the audio, again.
> Got in a QSO
> around 5am and all was great. Signals were up,
> conditions were good,
> reports were glowing.
>
> Around 7:15am, there was a *tap* *tap* *tap* on the
> shack door. I
> thought "huh? Who would be here at 7:15am, on a
> Sunday morning?"
>
> When I got to the door, there was a big ol' COP out
> there. Now, when I
> say big, I'm 6'3" and 260, and this guy was head and
> shoulders taller
> than I am!
>
> He asks: "is everything ok, here?"
> I looked at him, kinda incredulously... "yeah, all's
> fine. Why? What's
> the matter?"
> He says: "We recieved a Nine one one call, from this
> residence."
>
> I immediately assure him that there's nothing wrong,
> and I say 'hang on
> a sec" and go back to check on my aged mother, who's
> laying in her bed,
> sounding like she's sawing Big Redwood trees into
> kindling. She's fine
> and I go back to the cop and say "man, everything
> here is fine. Do you
> know who called?"
> He says the call was placed -from- the residence. I
> ask him "what
> time?" He calls the dispatcher and she says that

> the call came in at
> 7:05am - they showed up at 7:15am.
>
> When they (there's two, by now) are satisfied that
> all is great, he says
> "you're a radio operator?" peering over my shoulder,
> looking at the rig
> and all
>
(http://w5omr.shacknet.nu/~w5omr/hamstuff/My%20Junque/hamshack-1July2005/2005-07-08/100_0061.JPG)
>
> and I invite him in. I go on to tell him about all
> the neat things that
> Hams, in general, do; how we're able to talk to the
> Space shuttle (since
> it's up there, right now and is a current event
> topic); all the
> emergency communications; how hams were the first
> responders to the
> September 11th disaster; how when there's no power
> or electricity from a
> flood, hurricane, earthquake, or other natural
> disasters that Hams are
> the first ones on the scene, provind communications
> with emergecy power,
> portable antennas etc... and then go on to explain
> about my affliction
> with old-tyme radios and how I *could* spend upwards
> of $10,000 dollars
> for a commercially built radio, but that I could
> build one myself that
> does basically the same thing, because when you boil
> it all down, all
> you need to be able to do, is talk to the person on
> the other end, and
> hear him talking back to you, and building something
> that works from
> parts, instills a lot of pride, and that there were
> other people who
> shared the same interest. I compared it to driving
> a kit-car (that you
> build) as opposed to picking one up off the showroom
> floor. The analogy
> was good, because it worked.
>
> The nice police officer agreed that it was a neat
> thing, he was
> impressed with it all, thanked me for my time, and
> he and his partner

> went on about other more serious (I'm sure) affairs.
>
> In the mean time, I'm wondering "what in the world
> is going on with this
> damn rig?" and the first thing I do, is install a
> low-pass filter on the
> output of the rig (that I -thought- was in-line, but
> wasn't). I don't
> think it makes much difference, but it's there
> anyway and I'm still in a
> quandry.
>
> So, when I'm faced with an electronic puzzlement,
> especially RF related,
> I call my friend/mentor/AM Elmer, John/WA5BXO.
>
> He goes on to tell me about how he, Otis and
> Candy/K5IYW, back in the
> old days, had an Elvis style, Sure 55S microphone
> (which now houses the
> dual condensor mic elements with 4 LED's in a
> picture John had up here
> in the Reflector yesterday) that had just the
> slightest RF feedback in
> it... not enough to hear, but enough to go through
> the rig, and it was
> because of the magnetic pick-up in the mic. Perhaps
> John will weigh in
> here and straighten that story out (I hope so,
> anyway). He said, that
> because of the feed-back, there were parasitics and
> birdies up and down
> the band, around ever 20kc or so, from the
> fundamental frequency.
>
> I guess it's all possible. I've heard my dad tell
> tales about how his
> BC-610 had the metal grills in an oven in a house
> that was two doors
> down, 'talking'. The grill was apparently resonat
> with the carrier
> frequency, and you could hear the audio on the
> carrier. She was a
> little embarrassed about it, because she heard his
> voice in her oven,
> when she came out of the shower, the first time.
> Dad 'tweaked' the
> grill a little, took it out of resonance, and the
> problem never came back.
>

> The thing that has me puzzled most, is that somehow
> the rig had to take
> the phone off the hook, THEN dial out. The switch
> is a mechanical device.
>
>
> (insert Twilight
> Zone music, here)
>
> It had to be dialing random numbers. I had never
> seen the number/name
> of the person that called at 3:347am.
> I wonder if there were any long distance numbers
> dialed? ;-)
>
> Come to think of it, I had disconnected and put back
> on a shelf, the big
>
=== message truncated ===

_____
Start your day with Yahoo! - make it your home page
http://www.yahoo.com/r/hs

# 2353. mod xformers info needed.

Yahoo group: T-368_BC-610
Date: 2005-08-07 19:20:27 UTC
From: george portell
Topic: 2353  Message: 2353

looking for info on some thordson mod
xformers.T49956,T21m65,and T21t83 i wasent abel to get
the info from the bama site.tnx mugh .73`s bro geo w8qbg.

_____
Start your day with Yahoo! - make it your home page
http://www.yahoo.com/r/hs

# 2354. Fw: Philips Miller Reel-to-Reel

Yahoo group: T-368_BC-610
Date: 2005-08-08 13:48:47 UTC
From: Mikhael Brown
Topic: 2354  Message: 2354

Anyone on the list know where a Philips Miller Reel to Reel tape recorder could be found?

If so please contact Pat Wedge, arc@...

Thanks,

Mike

----- Original Message -----
From: arc@...
To: Milradio_Feedback@...
Subject: Philips Miller Reel-to-Reel
Date: Mon, 8 Aug 2005 06:40:24 -0700

Mikhael Brown
e-mail: mikhael@...

[Non-text portions of this message have been removed]

# 2355. T-368 E HV Transformer for sale on eBay

Yahoo group: T-368_BC-610
Date: 2005-08-11 17:40:40 UTC
From: ziolkowskirobert
Topic: 2355  Message: 2355

Military T-368 E AM Transmitter High Voltage HV Transformer by Stancor. Chicago Standard Transformer Corp. Conservative rated at 117 VAC input 47 to 63 cps and 6336 V CT at 500 MA DC. PWV pins 1 & 2 625 V, and 8300 V for pins 3-4-5. Exact replacement for late model T-368 or a 1 KW power supply for your Linear Amplifier. Numbers on the unit are TF1SX02YY, SM-C-200188, CSTC 27650. Unit is heavy Aprox. 120 lbs. Local pickup is preferred but freight rates will be looked into.

# 2356. T-368 r-3 /L1 clamps

Yahoo group: T-368_BC-610
Date: 2005-09-04 18:04:48 UTC
From: Dudley Parkin
Topic: 2356  Message: 2356

Hello almost finished mods to remove hi/voltage off pi/net and found the clamps on R-3 very loose, any problem with using and small amount of shim material around r-3 to tighten, Thanks Dudley/W5DUD

# 2357. FW: Gas Scam ?- ?Watch out !

Yahoo group: T-368_BC-610
Date: 2005-09-07 17:26:59 UTC
From: William Kipping
Topic: 2357  Message: 2357

William Kipping
ke7kk@...
Why Wait? Move to EarthLink.

> [Original Message]
> From: King Jim W. (FireMarshal) <Jim.King@...>
> To: George Greenley (E-mail) <grgreenley@...>
> Date: 9/2/2005 12:45:44 PM
> Subject: Gas Scam ?- ?Watch out !
>

[Non-text portions of this message have been removed]

# 2358. Re: [Milsurplus] BC-610-A manual

Yahoo group: T-368_BC-610
Date: 2005-10-01 00:29:10 UTC
From: Joe Foley
Topic: 2358  Message: 2358

CONTACT: "J. A Call" <w7ksg@...> wrote:

> FS: Manual for the Radio Transmitter model BC-610-A,
> -B, -C, -D, -E, and
> F. War Department
> Technical Manual TM 11-4057. Repair Instructions.
> Excellent condition,
> 92 pages. Covers
> description of the transmitter, differences between
> models, repair
> procedures, preliminary trouble shooting procedures,
> alignment
> procedures, detailed trouble shooting procedures,
> final testing,
> individual stage and circuit repair data,
> supplementary data. Lots of
> pictures, graphs and schematics.
> Parts lists and parts list of individual tuning
> units etc. $49.95 plus
> shipping.
>
> J
> W7KSG
>

---

> Milsurplus mailing list
> Home:
> http://mailman.qth.net/mailman/listinfo/milsurplus
> Help: http://mailman.qth.net/mmfaq.htm
> Post: mailto:Milsurplus@...
>

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Yahoo! Mail - PC Magazine Editors' Choice 2005
http://mail.yahoo.com

# 2359. FS: BC610 CRYSTALS: "RUN WITH THE BIG DOG"

Yahoo group: T-368_BC-610
Date: 2005-10-02 12:44:30 UTC
From: bcarling@cfl.rr.com
Topic: 2359  Message: 2359

FOR SALE:
FT171B Crystals for BC610 Transmitters etc.

160m AM:
1885, 1900, 1915, 1925, 1930, 1945 kHz
1970, 1985, kHz

75m AM:
3825, 3830, 3837, 3855, 3870, 3875 kHz
3880, 3885, 3890, 3905, 3950, 3955, 3983 kHz

40m AM:
7123, 7143, 7146, 7159 (one left), 7252.5 kHz
7255, 7260, 7280, 7285, 7290, 7293, 7295 kHz

20m AM:
7143 and 14286 kHz

Some CW frequencies avaiable too. See web site.

Available for $12.00 each - only on frequencies listed.

http://www.af4k.com/FT171_crystals.htm

[Non-text portions of this message have been removed]

# 2360. T-368_BC-610

Yahoo group: T-368_BC-610
Date: 2005-10-05 08:51:34 UTC
From: bcarling@cfl.rr.com
Topic: 2360  Message: 2360

TEST.

I have not seen any message son here. Just wanted to make sure it
is working...

AF4K

# 2361. Re: [T-368_BC-610] T-368_BC-610

Yahoo group: T-368_BC-610
Date: 2005-10-05 17:00:59 UTC
From: rbethman@comcast.net
Topic: 2360  Message: 2361

Could be that we that have them are too busy using them?

One BC-610I and one T-213.

Bob - N0DGN

> TEST.
>
> I have not seen any message son here. Just wanted to make sure it
> is working...
>
> AF4K
>
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>
> Yahoo! Groups Links
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# 2362. Re: [T-368_BC-610] T-368_BC-610

Yahoo group: T-368_BC-610
Date: 2005-10-05 17:22:01 UTC
From: W5OMR/Geoff
Topic: 2360  Message: 2362

rbethman@... wrote:

> <>Could be that we that have them are too busy using them?
>
> One BC-610I and one T-213.
>
> Bob - N0DGN

Where is all of this alleged activity occuring?

[Non-text portions of this message have been removed]

# 2363. Re: [T-368_BC-610] T-368_BC-610

Yahoo group: T-368_BC-610
Date: 2005-10-05 19:26:33 UTC
From: rbethman@comcast.net
Topic: 2360  Message: 2363

East Coast, Mid Atlantic, and North East

3945, 7290-7295

Usually 40m in the morning, 75m and some 160m at night

Bob - N0DGN

> rbethman@... wrote:
>
> > <>Could be that we that have them are too busy using them?
> >
> > One BC-610I and one T-213.
> >
> > Bob - N0DGN
>
>
> Where is all of this alleged activity occuring?
>
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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# 2364. Re: [T-368_BC-610] T-368_BC-610

Yahoo group: T-368_BC-610
Date: 2005-10-05 22:18:26 UTC
From: yardleyite@aol.com
Topic: 2360  Message: 2364

rbethman@... wrote:

> <>Could be that we that have them are too busy using them?
>
> One BC-610I and one T-213.
>
> Bob - N0DGN

Where is all of this alleged activity occuring?
**********
**********
Bob,
Probably modulating the aether on 1885KC,3870-3890KC, and 7290-7295KC
on AM, of course!
Mod-U-Later,
Joe Cro N3IBX

PS: Had my HT4-H/BC-610-I/HT5-G on 3880 and T-368-E on 1885KC last night.
Band conditions were "in the bucket", but was still able to put a signal
out.....

[Non-text portions of this message have been removed]

# 2365. Re: [T-368_BC-610] T-368_BC-610

Yahoo group: T-368_BC-610
Date: 2005-10-06 18:27:52 UTC
From: george portell
Topic: 2360  Message: 2365

daily am fix 7293 west coast,at 1130-1pm az time
daily and 930-11am on wk ends ,w8qbg bro geo .73`s
"CARRY ON">

--- rbethman@... wrote:

> East Coast, Mid Atlantic, and North East
>
> 3945, 7290-7295
>
> Usually 40m in the morning, 75m and some 160m at
> night
>
> Bob - N0DGN
>
>
> > rbethman@... wrote:
> >
> > > <>Could be that we that have them are too busy
> using them?
> > >
> > > One BC-610I and one T-213.
> > >
> > > Bob - N0DGN
> >
> >
> > Where is all of this alleged activity occuring?
> >
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Yahoo! for Good
Donate to the Hurricane Katrina relief effort.
http://store.yahoo.com/redcross-donate3/

# 2366. RE: CRYSTAL CR/1A MILITARY SURPLUS

Yahoo group: T-368_BC-610
Date: 2005-10-07 21:36:37 UTC
From: bcarling@cfl.rr.com
Topic: 2366  Message: 2366

If anyone wants these QTY 41 crystals for their SCR522 or ARC3
radio, I will probably take any offer, no matter how low!
I will also take trades of parts, tubes, radios or accessories
or other radio paraphernalia that are excess to your own needs!

Let's swap / share the goodies!

73 de AF4K, Brian

On 7 Oct 2005 at 15:50, Stuart Rohre wrote:

> Actually, the reason for retaining AM is interesting, and good thinking. If
> they went FM, capture effect could have one plane cover up another's
> transmission and dominate the channel. With AM, you hear the heterodyne of
> the interfering signal and know there is another plane out there, which
> could be vital to a aircraft tower controller in an emergency situation.
>
> Stuart
> K5KVH
>
>
>
>

# 2367. CRYSTAL CR/1A MILITARY SURPLUS

Yahoo group: T-368_BC-610
Date: 2005-10-08 11:31:01 UTC
From: bcarling@cfl.rr.com
Topic: 2366  Message: 2367

Thank you - the CR1A crystals have all been spoken for - Bry.

On 7 Oct 2005 at 17:36, bcarling@... wrote:

> If anyone wants these QTY 41 crystals for their SCR522 or ARC3
> radio, I will probably take any offer, no matter how low!
> I will also take trades of parts, tubes, radios or accessories
> or other radio paraphernalia that are excess to your own needs!
>
> Let's swap / share the goodies!
>
> 73 de AF4K, Brian
>
> On 7 Oct 2005 at 15:50, Stuart Rohre wrote:
>
> > Actually, the reason for retaining AM is interesting, and good thinking. If
> > they went FM, capture effect could have one plane cover up another's
> > transmission and dominate the channel. With AM, you hear the heterodyne of
> > the interfering signal and know there is another plane out there, which
> > could be vital to a aircraft tower controller in an emergency situation.
> >
> > Stuart
> > K5KVH
> >
> >
> >
> >
>
>
>
>
>
>
> *** OLD RADIOS IN FLORIDA ARE CALLING CQ - CQ - CQ...
> *** PLEASE SPEAK UP!
> TELL YOUR FRIENDS ABOUT FLORIDA BOATANCHORS GROUP.
>
> Community email addresses:
> Post message: FLBOATANCHORS@yahoogroups.com
> Subscribe: FLBOATANCHORS-subscribe@yahoogroups.com
> Unsubscribe: FLBOATANCHORS-unsubscribe@yahoogroups.com
> List owner: FLBOATANCHORS-owner@yahoogroups.com
>
> Information:
> http://groups.yahoo.com/group/FLBOATANCHORS

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> Yahoo! Groups Links
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# 2368. Re: [T-368_BC-610] T-368_BC-610

Yahoo group: T-368_BC-610
Date: 2005-10-12 14:10:13 UTC
From: bcarling@cfl.rr.com
Topic: 2360  Message: 2368

On 6 Oct 2005 at 11:27, george portell wrote:

> daily am fix 7293 west coast,at 1130-1pm az time
> daily and 930-11am on wk ends ,w8qbg bro geo .73`s
> "CARRY ON">

7293 kHz FT243 and FT171B crystals are available form AF4K...

Carry on - de AF4K, Brian

http://www.af4k.com/crystals.htm

# 2369. Need T-368 Red (?) Lense

Yahoo group: T-368_BC-610
Date: 2005-10-21 15:23:47 UTC
From: k3hvg03
Topic: 2369  Message: 2369

Anyone have a spare RED lense for the power indicator? Mines got broken glass. If not a red one, I'll be happy to have any color, just to get an in-tact one! Thanks much.

Jeep/K3HVG

# 2370. BC-610E Questions

Yahoo group: T-368_BC-610
Date: 2005-10-21 16:10:25 UTC
From: Todd, KA1KAQ
Topic: 2370  Message: 2370

Greetings, apologies in advance for duplicate posts -

I'm the new keeper of a Hallicrafters BC-610-E that followed me home Wednesday night. It has a few mods done to it, like an audio mod from a newer military rig wired in to replace the missing BC-614-E, antenna connections replaced with RG-8 to an outboard filter & relay, and replacement meters added in place of two originals.

Now, I'm not too terribly concerned with making it look brandy-new, but I would like to clean it up a bit and get it back closer to its original configuration. Years ago I picked up a BC-939 antenna tuner in hopes of someday finding a 610, and fortunately the mounting studs were still in place, just flipped over. I'd like to know from the collective wisdom about the BC-614-E outboard speech amplifier, how available they are and if it's worth trying to use one. I'm one of those guys who doesn't mind doing reversible mods like tube subs, component changes and such, I'm just not big on drilling and blasting. The audio circuit currently installed might work fine, but it's a rat's nest of wiring and has nothing holding the module in place, it's free to flop around if the transmitter is moved. While I realize these transmitters were quite common on the surplus market for years and modified to the taste and needs of the user, I'm not in a position now where I need to have parts dangling by wires inside simply to make it work.

I'd also like to hear from folks who own, use, or have used these beasts. In particular, I'm interested in the tuning procedure since I got no documentation with the unit. The plan is to power it up over the weekend for initial tests and check out, but I don't want to fry anything. It appears to have all the original iron, the only noticable change being 3B28s subbed for the 866s, which I'm okay with leaving.

Also, if anyone has or knows of a source of reasonably priced 2A3s, I broke one while removing it for transport, when it came loose and smacked into the corner of the added audio module (cleverly hiding out of view). I do have tubes to trade, from 813 to 811A to 807 or whatever else is in the garage. There is one available for testing purposes, but the box is marked as 'weak', so it's not a long-term solution. Singles, pairs, whatever works.

Looking forward to any stories, suggestions, or other related information.

Thank you -

de Todd/'Boomer' KA1KAQ

# 2371. Re: [T-368_BC-610] BC-610E Questions

Yahoo group: T-368_BC-610
Date: 2005-10-21 18:02:24 UTC
From: Sam Cook
Topic: 2370  Message: 2371

I have a mint condition TM11-826 which covers BC-610-E, -F, -G, -H, -I,
and T-213/GRC-26 and Antenna Tuning Units BC-939-A and -B dated October
1952.
I have been considering putting it up on eBay along with the similar
manual for the T-368 (TM 11-809-35 December 1958)
since I don't expect that I will ever actually own one or the other.
More reluctant to sell the T-368 manual.... see my webpages at
http://sjcook.com/army
Anybody want to make me a good offer for one or both? (Both mint condition)
--
My MOS was 32C20 - Fixed Station Tansmitter Repair. (Aug66-Feb68)
We had quite a few T-368's in VietNam, but the camp down the road
(B-52?) had at least one BC-610. I have no idea where they got it since
they hadn't been issued in many years.
That was the smallest transmitter we studied in signal school, and the
largest actually encountered in the field.
I was stationed at the 5th Special Forces Signal Maintenance Shop in Nha
Trang.
I remember one day that two guys came walking in carying a main power
transformer from a BC-610... slung on ropes from a pole carried between
them... like a dead tiger or something. They were wanting to do a bit
of horse trading. I am sure we did not really want it, but probably
traded them something anyway.
--
Sam Cook, Milan, MO
samc@...
==========
Todd, KA1KAQ wrote:

> Greetings, apologies in advance for duplicate posts -
>
> I'm the new keeper of a Hallicrafters BC-610-E that followed me home
> Wednesday night. It has a few mods done to it, like an audio mod from
> a newer military rig wired in to replace the missing BC-614-E, antenna
> connections replaced with RG-8 to an outboard filter & relay, and
> replacement meters added in place of two originals.
>
> Now, I'm not too terribly concerned with making it look brandy-new,
> but I would like to clean it up a bit and get it back closer to its
> original configuration. Years ago I picked up a BC-939 antenna tuner
> in hopes of someday finding a 610, and fortunately the mounting studs
> were still in place, just flipped over. I'd like to know from the
> collective wisdom about the BC-614-E outboard speech amplifier, how
> available they are and if it's worth trying to use one. I'm one of
> those guys who doesn't mind doing reversible mods like tube subs,

> component changes and such, I'm just not big on drilling and blasting.
> The audio circuit currently installed might work fine, but it's a
> rat's nest of wiring and has nothing holding the module in place, it's
> free to flop around if the transmitter is moved. While I realize these
> transmitters were quite common on the surplus market for years and
> modified to the taste and needs of the user, I'm not in a position now
> where I need to have parts dangling by wires inside simply to make it
> work.
>
> I'd also like to hear from folks who own, use, or have used these
> beasts. In particular, I'm interested in the tuning procedure since I
> got no documentation with the unit. The plan is to power it up over
> the weekend for initial tests and check out, but I don't want to fry
> anything. It appears to have all the original iron, the only noticable
> change being 3B28s subbed for the 866s, which I'm okay with leaving.
>
> Also, if anyone has or knows of a source of reasonably priced 2A3s, I
> broke one while removing it for transport, when it came loose and
> smacked into the corner of the added audio module (cleverly hiding out
> of view). I do have tubes to trade, from 813 to 811A to 807 or
> whatever else is in the garage. There is one available for testing
> purposes, but the box is marked as 'weak', so it's not a long-term
> solution. Singles, pairs, whatever works.
>
> Looking forward to any stories, suggestions, or other related information.
>
> Thank you -
>
> de Todd/'Boomer' KA1KAQ
>
> ------------------------------------------------------------------------
> YAHOO! GROUPS LINKS
>
> * Visit your group "T-368_BC-610
> <http://groups.yahoo.com/group/T-368_BC-610>" on the web.
>
> * To unsubscribe from this group, send an email to:
> T-368_BC-610-unsubscribe@yahoogroups.com
> <mailto:T-368_BC-610-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
>
>
> ------------------------------------------------------------------------
>

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=====
Sorry about the return receipt request, but many of my emails go un-answered. I just want

to be sure they got through.
Thanks.
Sam
=====

[Non-text portions of this message have been removed]

# 2372. Re: [T-368_BC-610] BC-610E Questions

Yahoo group: T-368_BC-610
Date: 2005-10-21 18:09:40 UTC
From: rbethman@comcast.net
Topic: 2370 Message: 2372

Todd,

Go to WB2FCN's website:

http://eshop1.chem.buffalo.edu

You can get info on the BC-610s, the manuals in PDF format, and you can ask Jim a load of questions.

He restored my FIRST one from a garage deal. It needed quite a bit of cleaning.

One cautionary note: These do NOT work with multi-band antennas that have TRAPS or CHOKES.

IF you use the BC-939, it is intended for either a single wire out the back either of 44ft or 77 ft. Some settings REQUIRE some high volt vaccuum caps. These may or may not be easy to find.

EACH band requires its own tuning unit AND PA loading coil.

I'm not sure as to BC-614 availabilities, BUT Jim can fill you in on a direct audio feed into the mod chassis.

2A3s are out there - just NOT cheap.

Bob - N0DGN Owner of two BEASTS!

> Greetings, apologies in advance for duplicate posts -
>
> I'm the new keeper of a Hallicrafters BC-610-E that followed me home
> Wednesday night. It has a few mods done to it, like an audio mod from
> a newer military rig wired in to replace the missing BC-614-E, antenna
> connections replaced with RG-8 to an outboard filter & relay, and
> replacement meters added in place of two originals.
>
> Now, I'm not too terribly concerned with making it look brandy-new,
> but I would like to clean it up a bit and get it back closer to its
> original configuration. Years ago I picked up a BC-939 antenna tuner
> in hopes of someday finding a 610, and fortunately the mounting studs
> were still in place, just flipped over. I'd like to know from the
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> those guys who doesn't mind doing reversible mods like tube subs,
> component changes and such, I'm just not big on drilling and blasting.
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> purposes, but the box is marked as 'weak', so it's not a long-term
> solution. Singles, pairs, whatever works.
>
> Looking forward to any stories, suggestions, or other related information.
>
> Thank you -
>
> de Todd/'Boomer' KA1KAQ
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> Yahoo! Groups Links
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# 2373. Re: [T-368_BC-610] BC-610E Questions

Yahoo group: T-368_BC-610
Date: 2005-10-21 19:09:50 UTC
From: wa5cab@cs.com
Topic: 2370  Message: 2373

In the SCR-399, the BC-939-A or -B was used mainly to match a 15' (or at a halt a 24') whip mounted on an MP-47 which mounted through the roof of the HO-17 Shelter. The two vacuum capacitors supplied for the BC-939 (12 or 15 uuf and 50 or 55 uuf) are rated 20KV. They are almost identical to and easily mixed up with the two supplied with the BC-610 and T-213/GRC-26 but the ones used in the transmitter are rated 32KV.

The BC-939 will also match the wire antennas Bob mentions but probably more commonly used with SCR-499 (no truck or shelter). Later SCR-499's were supplied with dipole antenna kits and the BC-939 was not used with them.

In a message dated 10/21/2005 1:43:43 PM Central Daylight Time,
rbethman@... writes:
> IF you use the BC-939, it is intended for either a single wire out the back
> either of 44ft or 77 ft. Some settings REQUIRE some high volt vaccuum caps.
> These may or may not be easy to find.
>

Robert & Susan Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2374. BC-610 terminating impedance

Yahoo group: T-368_BC-610
Date: 2005-10-28 17:26:44 UTC
From: Rbethman
Topic: 2374  Message: 2374

The standard connection from the porcelain insulated connections to the BC-939 is INDEED 50 ohm coaxial cable.

Those desiring to ELIMINATE TVI issues would NORMALLY install a Low-Pass filter in-line between the BC-610 and the BC-939 which is already internally wired with 50 ohm coaxial cable.

I also place the ME-165G in-line PRIOR to the BC-939 or the proper dipole. My BC-610 location does not allow for a "wire" exiting from the BC-939 to the outside. So it is coax to the outside.

I ALSO own a T-213, an overhauled BC-610 by depot, in August 1959. One of the changes from BC-610 to T-213, was to remove the porcelain insulators and replace ONE with an SO-239. I can find NO internal final circuit mods other than this, and the schematics agree with this assessment.

As Geoff/W5MOR has indicated from his operations, I TOO have had ONE and ONLY one gripe about getting into a CHEAP "portable" telephone since 2000. I provided the individual with the necessary information to contact the phone company to have a filter put in place. He has NOT returned or complained again.

There is NO question that the output of the BC-610 series, my first one happens to be an (I) model, is indeed 50 ohms impedance. It is unfortunate that some hams make the ASSUMPTION that since it has porcelain insulators for the output, that it is a balanced output of OTHER than 50 ohms.

I cannot stress the importance of obtaining the manual, carefully studying it, and pay close attention to the details. The ME-165G is unquestionably a 50 ohm input SWR/Wattmeter/dummy load. It comes with "N" connectors for input and output.

Don is ABSOLUTELY correct!

The use of 44ft and 77ft "wires, AND the use of the "term" long wire, is the military's AND the manufacturer's. If you are going to use a dipole do NOT use the BC-939! It's intent was for the specified wire lengths and/or the issued whip antenna.

Of course I have not pursued a whip installation. It would seem to be a useless endeavor as the 160, 80, 40, and 20 meter bands are "normally" of horizontal polarization. I see no logic in operating in cross polarization, and making communications more difficult than necessary.

Bob - N0DGN

Donald Chester wrote:

> The final is single-ended, but the plate tank circuit is balanced just
> as in a pushpull amplifier. This is the classic plate-neutralised
> triode final. The other half of the coil functions to generate the
> out-of-phase rf voltage required to neutralise the circuit. True, the
> tube works into only half the coil, but the circulating current of the
> resonant tank circuit is present in the entire coil, which along with
> the split-stator variable tank capacitor make up the tuned circuit.
> The Q of the tank is determined by the LC ratio of the entire coil and
> capaciter.
>
> The circuit is inherently balanced. The flywheel effect of the tank
> circuit takes care of the fact that the rf pulses are introduced on
> only one end of the coil. The link output on the BC-610 came from the
> factory balanced, with two ceramic insulators at the output. I have
> seen many of these converted to an unbalance output by grounding one
> side to the cabinet and using a SO-239. But the link in the middle of
> the tank coil is inherently a balanced output.
>
> Don K4KYV
>
>

--
Bob - N?DGN


+------------------------------------------------------------------+
| \\"""// \\"""// |
| (@ @) Bob Bethman - N?DGN (@ @) |
+-------oOOo-(_)-oOOo-------------------------oOOo-(_)-oOOo-------+
| N?DGN AMRadio Manassas, VA | REAL Tube Radio and AM |
+--------------------------------+---------------------------------+
| Manassas Radio - Home of Homemade Kielbasa & Pirogi |
+--------------------------------+---------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| rbethman(at)comcast.net \\ ~ ~ // signal does *NOT* mean |
| (/ @ @ /) that everything is OK " |
+-------------------------oOOo-(_)-oOOo----------------------------+
| <http://home.comcast.net/~rbethman> |
| 1 BC-61?I w/BC-614I,1 T-213/GRC-26 w/BC614I,1 '51 Collins R-390A |
| SP-600/NR Type 159, Heath DX-60, Apache, Mohawk, SX-101, HT-32A |
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+------------------------------------------------------------------+
| Amateur Astronomer - Celestron Nexstar 8 |
| 12" f5 Dob coming soon! Being built |
| Meade ETX-6? |
| 38 Deg 46'48.62"' N - 77 Deg 28'26.89" W |
+------------------------------------------------------------------+


| Opinions expressed are that of my own and do not necessarily |
| coincide with or represent those of ANYONE else |

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|ALL E-mail received and sent scanned by AVG & Norton System Works |
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_________________________________________________________________
AMRadio mailing list
Home: http://mailman.qth.net/mailman/listinfo/amradio
Help: http://mailman.qth.net/mmfaq.html
Post: mailto:AMRadio@...
AMfone Website: http://www.amfone.net
AM List Admin: Brian Sherrod/w5ami

--
No virus found in this incoming message.
Checked by AVG Anti-Virus.
Version: 7.0.344 / Virus Database: 267.12.5/150 - Release Date: 10/27/2005
```

# 2375. Re: [T-368_BC-610] BC-610 terminating impedance

Yahoo group: T-368_BC-610
Date: 2005-10-28 18:18:41 UTC
From: doran platt
Topic: 2374  Message: 2375

Very good and confirmimg information. I guess I'll keep my TAC-1!!!
And... speaking of TAC-1's, has anyone else got/seen a TAC-1 with a
metal instruction plate affixed to the top of it that explains use with
the BC-610..... like mine does??

K3HVG

>

[Non-text portions of this message have been removed]

# 2376. Re: [T-368_BC-610] BC-610 terminating impedance

Yahoo group: T-368_BC-610
Date: 2005-10-29 14:01:20 UTC
From: wa5cab@cs.com
Topic: 2374  Message: 2376

Bob & Group,

As originally issued, the BC-610-A through -E had plug-in final amplifier tank coils with fixed links. Conversion kits were issued during the war that included the rotary link tank coils. Those issued for SCR-299 also included tuning units above 8 MC (originally the upper limit of the SCR-299-A through -D). Some of the kits, including one for SCR-399-A and SCR-499-A (BC-610-E), came with a doublet (dipole) antenna which eventually (post-war) became AN/GRA-4. The 1.0-2.0 MC kits also included a doublet.

The BC-939-A originally came with a 3-terminal feed-through insulator on the side for input. It and the earlier BC-729 were connected to the BC-610-(*) with a short length of shielded cable.

The ME-165/G was built for the T-368/GRT, which was set up for coaxial cable from the git-go.

But anyway, the output impedance of a BC-610 depends on the number of turns in the output coupling link on the plug-in final amplifier plate tank coil, not whether it has the original ceramic feed-through posts or not.

In a message dated 10/28/2005 12:53:43 PM Central Daylight Time,
rbethman@... writes:
> There is NO question that the output of the BC-610 series, my first one
> happens to be an (I) model, is indeed 50 ohms impedance. It is
> unfortunate that some hams make the ASSUMPTION that since it has
> porcelain insulators for the output, that it is a balanced output of
> OTHER than 50 ohms.
>
> I cannot stress the importance of obtaining the manual, carefully
> studying it, and pay close attention to the details. The ME-165G is
> unquestionably a 50 ohm input SWR/Wattmeter/dummy load. It comes with
> "N" connectors for input and output.
>

Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2377. Re: [T-368_BC-610] BC-610 terminating impedance

Yahoo group: T-368_BC-610
Date: 2005-10-29 16:45:16 UTC
From: Rbethman
Topic: 2374  Message: 2377

Robert & others,

Both, my BC-610(I) AND my T-213 have had the porcelain insulators replaced with an SO-239. Upon loading into the ME-165G, my SWR into the 50 ohm dummy load "barely" flickers the needle off the stop on reflected, it at all.

Both of the transmitters came with movable link coils. The only coils I have that DON'T have movable links are the 160 meter ones.

In testing the ME-165G with an antenna impedance test bridge shows it indeed to be 50 ohm impedance.

With all this in consideration, I must therefore conclude that the output of BOTH transmitters to be 50 ohm output.

The 3 terminal input insulators on the side of the BC-939 are misleading. Internal inspection reveals one terminal to be for a ground connection. The other two are wired internally with 50 ohm coaxial cable. The reason for the space between those two terminals is the plate voltage issue. In the CW position, the plate voltage is 2500VDC. In AM, the plate voltage is 2000VDC. were it NOT for the spacing of the terminals, there would be constant issues with possible arcing - ESPECIALLY while you are tuning the BC-939 to the tuning tables/cards.

There are also TWO different models of the BC-939. There is an A model and a B model. I haven't noted any obvious differences, but there apparently are some somewhere.

Bob N0DGN

WA5CAB@... wrote:

> Bob & Group,
>
> As originally issued, the BC-610-A through -E had plug-in final
> amplifier tank coils with fixed links. Conversion kits were issued
> during the war that included the rotary link tank coils. Those issued
> for SCR-299 also included tuning units above 8 MC (originally the
> upper limit of the SCR-299-A through -D). Some of the kits, including
> one for SCR-399-A and SCR-499-A (BC-610-E), came with a doublet
> (dipole) antenna which eventually (post-war) became AN/GRA-4. The
> 1.0-2.0 MC kits also included a doublet.
>
> The BC-939-A originally came with a 3-terminal feed-through insulator
> on the side for input. It and the earlier BC-729 were connected to
> the BC-610-(*) with a short length of shielded cable.

>
> The ME-165/G was built for the T-368/GRT, which was set up for coaxial
> cable from the git-go.
>
> But anyway, the output impedance of a BC-610 depends on the number of
> turns in the output coupling link on the plug-in final amplifier plate
> tank coil, not whether it has the original ceramic feed-through posts
> or not.
>
> In a message dated 10/28/2005 12:53:43 PM Central Daylight Time,
> rbethman@... writes:
>
>> There is NO question that the output of the BC-610 series, my first one
>> happens to be an (I) model, is indeed 50 ohms impedance. It is
>> unfortunate that some hams make the ASSUMPTION that since it has
>> porcelain insulators for the output, that it is a balanced output of
>> OTHER than 50 ohms.
>>
>> I cannot stress the importance of obtaining the manual, carefully
>> studying it, and pay close attention to the details. The ME-165G is
>> unquestionably a 50 ohm input SWR/Wattmeter/dummy load. It comes with
>> "N" connectors for input and output.
>

--
Bob - NØDGN


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| \\"""// \\"""// |
| (@ @) Bob Bethman - NØDGN (@ @) |
+-------oOOo-(_)-oOOo-------------------------oOOo-(_)-oOOo-------+
| NØDGN AMRadio Manassas, VA | REAL Tube Radio and AM |
+-------------------------------+---------------------------------+
| Manassas Radio - Home of Homemade Kielbasa & Pirogi |
+-------------------------------+---------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| rbethman(at)comcast.net \\ ~ ~ // signal does *NOT* mean |
| (/ @ @ /) that everything is OK " |
+-------------------------oOOo-(_)-oOOo---------------------------+
| <http://home.comcast.net/~rbethman> |
| 1 BC-61ØI w/BC-614I,1 T-213/GRC-26 w/BC614I,1 '51 Collins R-390A |
| SP-600/NR Type 159, Heath DX-60, Apache, Mohawk, SX-101, HT-32A |
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+-----------------------------------------------------------------+
| Amateur Astronomer - Celestron Nexstar 8 |
| 12" f5 Dob coming soon! Being built |
| Meade ETX-6Ø |
| 38 Deg 46'48.62"' N - 77 Deg 28'26.89" W |

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| Opinions expressed are that of my own and do not necessarily |
| coincide with or represent those of ANYONE else |
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|ALL E-mail received and sent scanned by AVG & Norton System Works |
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[Non-text portions of this message have been removed]

# 2378. Re: [T-368_BC-610] BC-610 terminating impedance

Yahoo group: T-368_BC-610
Date: 2005-10-29 17:36:58 UTC
From: george portell
Topic: 2374  Message: 2378

how true ,how true just load it already and let it do
it`s thing.bro geo w8qbg"CARRY ON">

--- Rbethman <rbethman@...> wrote:

> Robert & others,
>
> Both, my BC-610(I) AND my T-213 have had the
> porcelain insulators
> replaced with an SO-239. Upon loading into the
> ME-165G, my SWR into the
> 50 ohm dummy load "barely" flickers the needle off
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> Both of the transmitters came with movable link
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> possible arcing -
> ESPECIALLY while you are tuning the BC-939 to the
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>

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> There is an A model
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> apparently are some somewhere.
>
> Bob N0DGN
>
> WA5CAB@... wrote:
>
> > Bob & Group,
> >
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> > amplifier tank coils with fixed links. Conversion
> kits were issued
> > during the war that included the rotary link tank
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> > for SCR-299 also included tuning units above 8 MC
> (originally the
> > upper limit of the SCR-299-A through -D). Some of
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> > one for SCR-399-A and SCR-499-A (BC-610-E), came
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> became AN/GRA-4. The
> > 1.0-2.0 MC kits also included a doublet.
> >
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> cable.
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> >
> > But anyway, the output impedance of a BC-610
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> final amplifier plate
> > tank coil, not whether it has the original ceramic
> feed-through posts
> > or not.
> >
> > In a message dated 10/28/2005 12:53:43 PM Central
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> > rbethman@... writes:

> >
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> >> I cannot stress the importance of obtaining the
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> >> studying it, and pay close attention to the
> details. The ME-165G is
> >> unquestionably a 50 ohm input SWR/Wattmeter/dummy
> load. It comes with
> >> "N" connectors for input and output.
> >
>
> --
> Bob - N?DGN
>
>
+----------------------------------------------------------------+
> | \\"""//
> \\"""// |
> | (@ @) Bob Bethman - N?DGN
> (@ @) |
>
+-------oOOo-(_)-oOOo-------------------------oOOo-(_)-oOOo-------+
> | N?DGN AMRadio Manassas, VA | REAL Tube Radio
> and AM |
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> | Manassas Radio - Home of Homemade Kielbasa &
> Pirogi |
>
+------------------------------+---------------------------------+
> | Bob Bethman \\\|/// " The
> absence of a danger |
> | rbethman(at)comcast.net \\ ~ ~ // signal
> does *NOT* mean |
> | (/ @ @ /) that
> everything is OK " |
>
+-------------------------oOOo-(_)-oOOo----------------------------+
> | <http://home.comcast.net/~rbethman>
> |
> | 1 BC-61?I w/BC-614I,1 T-213/GRC-26 w/BC614I,1 '51

> Collins R-390A |
> | SP-600/NR Type 159, Heath DX-60, Apache, Mohawk,
> SX-101, HT-32A |
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+---------------------------------------------------------------+
> | Amateur Astronomer - Celestron Nexstar 8
> |
> | 12" f5 Dob coming soon! Being built
> |
> | Meade ETX-6?
> |
> | 38 Deg 46'48.62"' N - 77 Deg 28'26.89" W
> |
>
+---------------------------------------------------------------+
> | Opinions expressed are that of my own and do not
> necessarily |
> | coincide with or represent those of ANYONE
> else |
>
+-------------------------.oooO---Oooo.--------------------------+
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> |ALL E-mail received and sent scanned by AVG &
> Norton System Works |
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> [Non-text portions of this message have been
> removed]
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Yahoo! Mail - PC Magazine Editors' Choice 2005
http://mail.yahoo.com

# 2379. Re: [T-368_BC-610] BC-610 terminating impedance

Yahoo group: T-368_BC-610
Date: 2005-10-29 18:58:41 UTC
From: wa5cab@cs.com
Topic: 2374  Message: 2379

Bob,

In a message dated 10/29/2005 11:45:30 AM Central Daylight Time,
rbethman@... writes:
> Robert &others,
>
> Both, my BC-610(I) AND my T-213 have had the porcelain insulators replaced
> with an SO-239. Upon loading into the ME-165G, my SWR into the 50 ohm dummy
> load "barely" flickers the needle off the stop on reflected, it at all.
>

I understand that. There was an MWO replacing the two ceramic insulators with an SO-239. And part of the conversion of BC-610-F , -G, -H and -I's to T-213/GRC-26 was the same change. I was just pointing out that none of the BC-610 models originally came that way.

> Both of the transmitters came with movable link coils. The only coils I
> have that DON'T have movable links are the 160 meter ones.
>

I suspect that most of the fixed-link coils have been discarded by hams over the years. The 1.5-2.0 MC tank coil also came in the rotary link version, although most of the ones Fair Radio had through the years were the earlier fixed link type.

> In testing the ME-165G with an antenna impedance test bridge shows it
> indeed to be 50 ohm impedance.
>

Yes, that's how it was designed.

> With all this in consideration, I must therefore conclude that the output
> of BOTH transmitters to be 50 ohm output.
>

Never said that, as modified, they weren't.

> The 3 terminal input insulators on the side of the BC-939 are misleading.
> Internal inspection reveals one terminal to be for a ground connection. The
> other two are wired internally with 50 ohm coaxial cable. The reason for the
> space between those two terminals is the plate voltage issue. In the CW
> position, the plate voltage is 2500VDC. In AM, the plate voltage is 2000VDC.
> were it NOT for the spacing of the terminals, there would be constant issues
> with possible arcing - ESPECIALLY while you are tuning the BC-939 to the
> tuning tables/cards.
>

I didn't go into the details, but the BC-729-(*) had a swinging link for loading. In the BC-939-A this was changed to an unbalanced rotary inductor. Two of the input feedthrough terminals in the BC-939 are grounded. The center one is not.

> There are also TWO different models of the BC-939. There is an A model and
> a B model. I haven't noted any obvious differences, but there apparently
> are some somewhere.
>

The BC-939-B came out circa 1951 with the BC-610-H. Differences between it and the -A are insignificant. Judging by publication dates, it would appear that the modification (for coax input) of some BC-939-(*) was about 1960, for use with T-368. Maybe there was a TN-339 shortage.

Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2380. T-368 Wanted

Yahoo group: T-368_BC-610
Date: 2005-10-29 20:32:41 UTC
From: Keith Densmore
Topic: 2380  Message: 2380

Greetings to All,
I am new to this list. I recently have scared up enough room for a moderate size transmitter. I'd love to try out a T-368, but they are nearly impossible to find in Canada. Therefore, if anyone has one, or a lead on one, I would be interested. It could be located in NY, PA, Michigan, or possibly northern Ohio. I've reviewed the archives here and I don't think they come up for sale often but it never hurts to ask. BTW, there is one listed on that place but he is in Atlanta.
Cash or trade

Thanks,
Keith, VE3TS

[Non-text portions of this message have been removed]

# 2381. FS: CRYSTALS FOR BC-610

Yahoo group: T-368_BC-610
Date: 2005-10-30 03:15:45 UTC
From: bcarling@cfl.rr.com
Topic: 2381  Message: 2381

FOR SALE: FT171B CRYSTALS for BC-610 TRANSMITTERS

1815, 1822, 1850, 1885, 1900, 1915, 1925, 1930, 1945 kHz
1970, 1985, kHz
2215, 2260, 2442.5, 2670 kHz
3500, 3505, 3510, 3515, 3520, 3528, 3530, 3535, 3540, 3546
kHz
3548, 3558, 3560, 3579, 3643, 3645, 3686, 3700, 3702 kHz
3703, 3705, 3721, 3825, 3830, 3837, 3855, 3870, 3875 kHz
3880, 3885, 3890, 3905, 3950, 3955, 3983 kHz
7014, 7015, 7018, 7030, 7032, 7035, 7037, 7038 kHz
7040, 7042, 7044, 7045, 7047, 7050, 7052.7, 7058, 7060 kHz
7123, 7143, 7146, 7159 (one left) kHz
7252.5, 7255, 7260, 7280, 7285, 7290, 7293, 7295 kHz
These crystals are available for $12.00 each plus $6.00 for
USA shipping, regardless of quantity.

See:
http://www.af4k.com/FT171_crystals.htm

# 2382. RE: BC-610 terminating impedance

Yahoo group: T-368_BC-610
Date: 2005-10-30 22:43:11 UTC
From: Rbethman
Topic: 2374 Message: 2382

The biggest difference with the link in the BC-610s, is that the link is on a pivot joint that is fixed on the center line of the loading coil. You can rotate the link from vertical and in line with the turns, OR you can place it perpendicular to the turns AND anywhere in between.

You CANNOT take the link outside the coil proper.

This vastly limits the variability of load impedances.

I do not know when the fixed link coils ceased to be issued. However, the 1952 manual shows the issued coils to ALL be the rotating link variety.

The "animals" or as most refer to them, "Beasts", are indeed a horse of a different color.

The A, B, C, & D variants have different manuals - AND - may well have different characteristics. The E, F, G, H, I, and T-213 manual was published in October 1952.

My I variant is indeed a Hallicrafters manufactured one. So noted by data plate and Hallicrafters logo on the tuning units.

I believe my T-213 is a B&W manufactured one.

Both came with an SO-239 output connector. The I model also has the porcelain feedthroughs. When looking inside, I find the lines to the feedthroughs ALSO go with one to ground and the other to the center conductor of the SO-239.

As to polarization of antennas, there is no question that long haul propagation DOES constantly change.

My point was the use of the Mil issue 25ft vertical whip. As it has a very short length, its capture ability and transmission ability would be severely degraded in comparison with a manufactured Ham vertical. That was my basis for saying that I had no use for a "vertical" to be installed off the back of the BC-939.

I have consistently used dipoles and inverted vees for my station. I have had no issues, and have been very happy with the results with QSOs up and down the entire East Coast, and well into the Midwest.

Antennas ARE the only black art left. I have always found them to interesting.

As to my reference to the VSWR/SWR, I was explaining the reading into a 50 ohm dummy load that is internal to the ME-165G - NOT into a feedline. I feel very comfortable that the reading I referred to was indeed

indicating that the transmitter WAS indicating a 50 ohm unbalanced output.

Sorry - but I am NOT putting my antenna bridge looking back into the transmitter. I like my bridge, and am NOT looking to allow ALL of its "smoke" to depart.

The manual for these two radios ALSO states to connect the transmitter to the BC-939 tuner by COAXIAL cable.

Bob - N0DGN

>
>
>
> I may have missed something here amongst all the messages and I
> really am not too familiar with the BC610 but I thought it had variable
> loading with an adjustable 3-4 turn link. If so, it should be able to
> load into a fairly wide range of loads. On my variable link rig I can
> go down to about 10 ohms load by pulling the link out to maintain the
> proper plate current, but with the link in all the way the proper
> loading (indicated by plate current)is reached when the load is about
> 100 ohms. Of course if the load is 10 ohms and the link pulled out for
> proper plate current I need to be very careful not to pour the coals on
> with the plate voltage or the link will over heat. I have been able to
> load to proper plate current with a 300 ohm load but I had to parallel
> tune my link instead of series tune.
>

_____
AMRadio mailing list
Home: http://mailman.qth.net/mailman/listinfo/amradio
Help: http://mailman.qth.net/mmfaq.html
Post: mailto:AMRadio@...
AMfone Website: http://www.amfone.net
AM List Admin: Brian Sherrod/w5ami

--
No virus found in this incoming message.
Checked by AVG Anti-Virus.
Version: 7.1.362 / Virus Database: 267.12.6/151 - Release Date: 10/28/2005

# 2383. Re: [T-368_BC-610] RE: BC-610 terminating impedance

Yahoo group: T-368_BC-610
Date: 2005-10-31 04:33:07 UTC
From: wa5cab@cs.com
Topic: 2374  Message: 2383

I give up.

Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2384. Re: [T-368_BC-610] RE: BC-610 terminating impedance

Yahoo group: T-368_BC-610
Date: 2005-10-31 14:06:35 UTC
From: george portell
Topic: 2374  Message: 2384

i second the motion,been using 610`s for 50 some years
and never seen so much trouble loading and matching in
my life .glad these folks werent using these rig

--- wa5cab@... wrote:

> I give up.
>
> Robert Downs - Houston
> <http://www.wa5cab.com> (Web Store)
> MVPA 9480
> <wa5cab@...> (Primary email)
> <wa5cab@...> (Backup email)
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> [Non-text portions of this message have been
> removed]
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Yahoo! Mail - PC Magazine Editors' Choice 2005
http://mail.yahoo.com

# 2385. Re: [T-368_BC-610] RE: BC-610 terminating impedance

Yahoo group: T-368_BC-610
Date: 2005-10-31 14:09:18 UTC
From: george portell
Topic: 2374  Message: 2385

i second the motion,been using 610`s for 50 some years
and never seen so much trouble loading and matching in
my life .glad these folks werent using these rig under
military condx.JUST LOAD THE DARN THING UP AND LET IT
RUN ALREADY!BRO GEO W*QBG "CARRY ON">

--- wa5cab@... wrote:

> I give up.
>
> Robert Downs - Houston
> <http://www.wa5cab.com> (Web Store)
> MVPA 9480
> <wa5cab@...> (Primary email)
> <wa5cab@...> (Backup email)
>
>
> [Non-text portions of this message have been
> removed]
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Yahoo! FareChase: Search multiple travel sites in one click.
http://farechase.yahoo.com

# 2386. Re: [T-368_BC-610] RE: BC-610 terminating impedance

Yahoo group: T-368_BC-610
Date: 2005-10-31 14:11:17 UTC
From: george portell
Topic: 2374  Message: 2386

i second the motion,been using 610`s for 50 some years
and never seen so much trouble loading and matching in
my life .glad these folks werent using these rig under
military condx.JUST LOAD THE DARN THING UP AND LET IT
RUN ALREADY!BRO GEO W*QBG "CARRY ON">

--- wa5cab@... wrote:

> I give up.
>
> Robert Downs - Houston
> <http://www.wa5cab.com> (Web Store)
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>
>
> [Non-text portions of this message have been
> removed]
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Yahoo! FareChase: Search multiple travel sites in one click.
http://farechase.yahoo.com

# 2387. Re: [T-368_BC-610] RE: BC-610 terminating impedance

Yahoo group: T-368_BC-610
Date: 2005-10-31 15:03:48 UTC
From: rbethman@comcast.net
Topic: 2374  Message: 2387

I've only been using them for about 5 years.

I've had only one problem. It came when I tried to load up on a trap dipole. It FLAT doesn't like it!

Other than that - THEY ARE GREAT WONDERFUL "BEASTS"!

I love them and won't part with them.

Bob - N0DGN

> i second the motion,been using 610`s for 50 some years
> and never seen so much trouble loading and matching in
> my life .glad these folks werent using these rig under
> military condx.JUST LOAD THE DARN THING UP AND LET IT
> RUN ALREADY!BRO GEO W*QBG "CARRY ON">
>

# 2388. BC-610 ANTENNAS

Yahoo group: T-368_BC-610
Date: 2005-11-01 20:31:13 UTC
From: Norman & Barbara Ray
Topic: 2388  Message: 2388

Robert Downs information is right on!

The best use for the BC-939* is to say you have a complete original system. One can rebuild it but that is criminal from my perspective.

My BC610E with swinging link works just fine into normal doublets, loops or whatever. I did not alter anything but did go from the ceramic feed throughs to a coax change over relay which is mounted to the side of the cabinet using existing holes. This was to accommodate multiple AM rigs here.

To be safe I go into an "L" circuit tuner which reduces second harmonic output by 25db which I think is essential.

I have worked 24 countries on 80 meters using a quad loop antenna.

The BC-939 does work well with its intended antenna as evidenced by my bootleg operation during the Korean Conflict. I was able to work my buddies stateside on 20 meters consistently.

Relax and apply good old Amateur Radio Principles and have fun operating.

Norm W7LFA

[Non-text portions of this message have been removed]

# 2389. Re: [T-368_BC-610] BC-610 ANTENNAS

Yahoo group: T-368_BC-610
Date: 2005-11-02 15:41:51 UTC
From: Rbethman
Topic: 2388  Message: 2389

Norm,

I agree completely!

I just happen to know another ham, WB2FCN whom ALSO runs his WITH the BC-939 using the appropriate wire lengths. Works just FINE!

I stumbled into the issue of a trap dipole by accident, BUT - did NOT lose a final before I caught it.

I converted a 2.0 Mc TU to work on 160. To do so is simple. Just add a 100pf disc ceramic cap in parallel to EACH internal variable cap. It will then go down to the BCB. So my only caution would be for those that do so, ENSURE you are in the 160mtr band BEFORE loading up!

We all enjoy our hobby and license!

I keep watching for an old used big box type ambulance. I may create a mobile station for AM use at hamfests. For that I'll need to find or make the whip bracket, and scrounge the base insulator and whip sections. Of course I'll paint it flat OD, place LARGE white stars on the doors, AND dig through my old military photo archives to find a USA number for the sides of the hood!

I have NO intent to modify these fine radios in any manner. We are simply the CURRENT caretakers!

Bob - N0DGN

Norman & Barbara Ray wrote:

>Robert Downs information is right on!
>
>The best use for the BC-939* is to say you have a complete original system. One can rebuild it but that is criminal from my perspective.
>
>My BC610E with swinging link works just fine into normal doublets, loops or whatever. I did not alter anything but did go from the ceramic feed throughs to a coax change over relay which is mounted to the side of the cabinet using existing holes. This was to accommodate multiple AM rigs here.
>
>To be safe I go into an "L" circuit tuner which reduces second harmonic output by 25db which I think is essential.
>
>I have worked 24 countries on 80 meters using a quad loop antenna.
>
>The BC-939 does work well with its intended antenna as evidenced by my bootleg operation

during the Korean Conflict. I was able to work my buddies stateside on 20 meters consistently.
>
>Relax and apply good old Amateur Radio Principles and have fun operating.
>
>Norm W7LFA
>
>
>
Bob - N?DGN

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| \\"""// \\"""// |
| (@ @) Bob Bethman - N?DGN (@ @) |
+-------oOOo-(_)-oOOo-------------------------oOOo-(_)-oOOo-------+
| N?DGN AMRadio Manassas, VA | REAL Tube Radio and AM |
+--------------------------------+--------------------------------+
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+--------------------------------+--------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| rbethman(at)comcast.net \\ ~ ~ // signal does *NOT* mean |
| (/ @ @ /) that everything is OK " |
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| <http://home.comcast.net/~rbethman> |
| 1 BC-61?I w/BC-614I,1 T-213/GRC-26 w/BC614I,1 '51 Collins R-390A |
| SP-600/NR Type 159, Heath DX-60, Apache, Mohawk, SX-101, HT-32A |
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+-----------------------------------------------------------------+
| Amateur Astronomer - Celestron Nexstar 8 |
| 12" f5 Dob coming soon! Being built |
| Meade ETX-6? |
| 38 Deg 46'48.62"' N - 77 Deg 28'26.89" W |
+-----------------------------------------------------------------+
| Opinions expressed are that of my own and do not necessarily |
| coincide with or represent those of ANYONE else |
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| ( ) ( ) |
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|ALL E-mail received and sent scanned by AVG & Norton System Works |
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# 2390. Re: [T-368_BC-610] BC-610 ANTENNAS

Yahoo group: T-368_BC-610
Date: 2005-11-03 05:57:39 UTC
From: w7qho@aol.com
Topic: 2388  Message: 2390

In a message dated 11/2/05 7:52:30 AM, rbethman@... writes:

> I stumbled into the issue of a trap dipole by accident, BUT - did NOT
> lose a final before I caught it.
>
>

Curious just what disagreement your 610 had with a trap dipole. If
installed properly and operating at the frequencies for which it was designed, such an
antenna would present a reasonable match for a 50 or 75 ohm feedline. From
a harmonic suppression standpoint not a good idea to feed directly off an
unshielded link but not likely to result in hardware destruction. I've operated
my T368 into an 80/40 M trap dipole for extended periods with no problems.
The T-368 uses a PI-L tank/output circuit rather than a moveable link, of
course.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2391. Re: [T-368_BC-610] BC-610 ANTENNAS

Yahoo group: T-368_BC-610
Date: 2005-11-03 15:28:57 UTC
From: rbethman@comcast.net
Topic: 2388  Message: 2391

As I explained in another message that aparently I did direct, The specific antenna is an Alpha-Delta. The "traps" are an inductor only. There is NO capacitor in them.

I suspect that if they were the "normal" LC traps that it would not have been a problem.

Antennas being the black art that they are, AND the BEASTS being their own entity of interest, Lord only knows why it didn't properly work.

Eventually I'll get enough dipoles up to support my habit!

Bob - N0DGN

> 
> In a message dated 11/2/05 7:52:30 AM, rbethman@... writes:
> 
> 
> > I stumbled into the issue of a trap dipole by accident, BUT - did NOT
> > lose a final before I caught it.
> > 
> > 
> 
> Curious just what disagreement your 610 had with a trap dipole. If
> installed properly and operating at the frequencies for which it was designed,
> such an
> antenna would present a reasonable match for a 50 or 75 ohm feedline. From
> a harmonic suppression standpoint not a good idea to feed directly off an
> unshielded link but not likely to result in hardware destruction. I've
> operated
> my T368 into an 80/40 M trap dipole for extended periods with no problems.
> The T-368 uses a PI-L tank/output circuit rather than a moveable link, of
> course.
> 
> Dennis D. W7QHO
> Glendale, CA
> 
> 
> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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# 2392. Re: [T-368_BC-610] BC-610 ANTENNAS

Yahoo group: T-368_BC-610
Date: 2005-11-03 16:34:37 UTC
From: Alan Cohen
Topic: 2388  Message: 2392

Back when I lived in Austin, Texas I ran my BC-610 into an Alpha
Delta 80-40 loaded dipole with no problems. The antenna was trimmed
to be resonant at 3885.

Alan
WA2DZL

On Nov 3, 2005, at 10:28 AM, rbethman@... wrote:

> As I explained in another message that aparently I did direct, The
> specific antenna is an Alpha-Delta. The "traps" are an inductor
> only. There is NO capacitor in them.
>
> I suspect that if they were the "normal" LC traps that it would not
> have been a problem.
>
> Antennas being the black art that they are, AND the BEASTS being
> their own entity of interest, Lord only knows why it didn't
> properly work.
>
> Eventually I'll get enough dipoles up to support my habit!
>
> Bob - N0DGN
>
>
> >
> > In a message dated 11/2/05 7:52:30 AM, rbethman@... writes:
> >
> >
> > > I stumbled into the issue of a trap dipole by accident, BUT -
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> > >
> > >
> >
> > Curious just what disagreement your 610 had with a trap dipole. If
> > installed properly and operating at the frequencies for which it
> was designed,
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> > antenna would present a reasonable match for a 50 or 75 ohm
> feedline. From
> > a harmonic suppression standpoint not a good idea to feed
> directly off an
> > unshielded link but not likely to result in hardware
> destruction. I've
> > operated

> > my T368 into an 80/40 M trap dipole for extended periods with no
> problems.
> > The T-368 uses a PI-L tank/output circuit rather than a moveable
> link, of
> > course.
> >
> > Dennis D. W7QHO
> > Glendale, CA
> >
> >
> > [Non-text portions of this message have been removed]
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> >
> > Yahoo! Groups Links
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>
> YAHOO! GROUPS LINKS
>
> Visit your group "T-368_BC-610" on the web.
>
> To unsubscribe from this group, send an email to:
> T-368_BC-610-unsubscribe@yahoogroups.com
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>

[Non-text portions of this message have been removed]

# 2393. T-368 blowing AC breaker

Yahoo group: T-368_BC-610
Date: 2005-11-03 20:19:19 UTC
From: John Poulton
Topic: 2393  Message: 2393

Just joined the group last week, and have a question for the assembled about the T-368 that I recently acquired.

The previous owner told me that "the plate transformer is blown", so before I powered up the tx, I took the power supply completely apart, meg'd the plate 'former, the filter caps, and the choke. All showed several G-ohms between terminals and case. The capacitors are both very close to 4uF. I powered the plate transformer up on a variac (no load) and measured 600VAC out on the secondary with 12VAC in on the primary. Nothing bad happened when I ran the primary up to 120VAC, with no load. No-load primary current was perhaps 50mA or so... Might be worth mentioning that the transformer was inverted (terminals-up) at the time...

Thinking all was well, I cleaned up the P/S drawer, which had a bit of oil on the chassis from one of the iron components (though which one, I couldn't tell!), reassembled, and reinstalled in the tx.

As I went through the power-up proceedure for the tx, grid-drive seemed normal, the PA dipped and peaked to the appropriate plate current in "TUNE" mode, and the tx appeared to be putting out about 50W (in AM "TUNE" mode). Was even able to modulate the carrier in this mode. But when I upped the plate voltage by switching to "OPERATE", there was a brief, loud rasping noise from the back of the tx (where I couldn't easily observe), and the 20A mains breaker in my AC panel blew. I also noticed that the indication on the power meter attached to the dummy load on the tx very briefly went north of 600W.

I repeated the power-up experiment again, but this time with the HV lead disconnected at the spring terminal at the back of the power supply drawer (no load on the HV supply). Again, all was well in "TUNE", but breaker blew immediately when in "OPERATE". From this, I infer that the problem is isolated to the P/S drawer. Checked the spring switch that shorts the HV output when the drawer is slid out, and with the drawer all the way in, it appears to be a good 3/8" or so away from the HV terminal, though it's hard to see when the P/S is in the case.

I'm about to take the power supply out and attempt further diagnostics, but do any of you have any suggestions where to start looking? I'm hoping this is a common problem..

Thanks, and 73, John K4OZY

# 2394. Re: [T-368_BC-610] T-368 blowing AC breaker

Yahoo group: T-368_BC-610
Date: 2005-11-03 20:44:34 UTC
From: Todd, KA1KAQ
Topic: 2393  Message: 2394

Have you checked the HV rectifiers? Had the very same kind of issue
with a large ham transmitter, everything was just dandy until I hit
the plate switch, then out went one of the 15A fuses, every time.
Swapped out the 872Bs for 4B32s and it worked fine. I think the T-368
uses 866/3B28?

de Todd/'Boomer' KA1KAQ

On 11/3/05, John Poulton <jp@cs.unc.edu> wrote:
>
> Just joined the group last week, and have a question for the assembled about
> the T-368 that I recently acquired.

> As I went through the power-up proceedure for the tx, grid-drive seemed normal,
> the PA dipped and peaked to the appropriate plate current in "TUNE" mode, and the
> tx appeared to be putting out about 50W (in AM "TUNE" mode). Was even able to
> modulate the carrier in this mode. But when I upped the plate voltage by switching
> to "OPERATE", there was a brief, loud rasping noise from the back of the tx (where
> I couldn't easily observe), and the 20A mains breaker in my AC panel blew.

# 2395. Re: [T-368_BC-610] T-368 blowing AC breaker

Yahoo group: T-368_BC-610
Date: 2005-11-03 22:51:27 UTC
From: Joe Foley
Topic: 2393  Message: 2395

Ok, here's what I found on mine.

The wiring under the 3B28's was cracked and shorting
out under load.

This was very hard to see upon casual inspection,
especially where the wires go through the deck. The
correct wire to replace the HV wiring is expensive and
hard to find BUT, if you call Dearborn Wire and Cable
and whine pitifully they may send you a 10 foot piece
for an "engineering sample".

I wouldn't try to solder on the plate transformer
terminals, they may expand and leak, they are a pain
to solder to anyway.

Put a drip pan, PLASTIC, under the plate transformer
to catch any oil that may drip from there, just to
verify/deny that possibility.

Verify that the sparkgap on the capacitors is correct
before you get too far into the above mentioned stuff.

It may help to find the problem if you remove the back
panel and jump out the interlock but you didn't hear
that from me!

Speaking of which, it's not a bad idea to check all
the interlocks anyway, mine had bad connections and
charred wiring, they needed mechanical alignment, too.

Joe KG2CI

--- John Poulton <jp@...> wrote:

>
> Just joined the group last week, and have a question
> for the assembled about
> the T-368 that I recently acquired.
>
> The previous owner told me that "the plate
> transformer is blown", so before I
> powered up the tx, I took the power supply
> completely apart, meg'd the plate
> 'former, the filter caps, and the choke. All showed
> several G-ohms between
> terminals and case. The capacitors are both very

> close to 4uF. I powered
> the plate transformer up on a variac (no load) and
> measured 600VAC out on the
> secondary with 12VAC in on the primary. Nothing bad
> happened when I ran the
> primary up to 120VAC, with no load. No-load primary
> current was perhaps 50mA
> or so... Might be worth mentioning that the
> transformer was inverted
> (terminals-up) at the time...
>
> Thinking all was well, I cleaned up the P/S drawer,
> which had a bit of oil
> on the chassis from one of the iron components
> (though which one, I couldn't tell!),
> reassembled, and reinstalled in the tx.
>
> As I went through the power-up proceedure for the
> tx, grid-drive seemed normal,
> the PA dipped and peaked to the appropriate plate
> current in "TUNE" mode, and the
> tx appeared to be putting out about 50W (in AM
> "TUNE" mode). Was even able to
> modulate the carrier in this mode. But when I upped
> the plate voltage by switching
> to "OPERATE", there was a brief, loud rasping noise
> from the back of the tx (where
> I couldn't easily observe), and the 20A mains
> breaker in my AC panel blew. I also
> noticed that the indication on the power meter
> attached to the dummy load on the tx very
> briefly went north of 600W.
>
> I repeated the power-up experiment again, but this
> time with the HV lead disconnected
> at the spring terminal at the back of the power
> supply drawer (no load on the HV
> supply). Again, all was well in "TUNE", but breaker
> blew immediately when in "OPERATE".
> From this, I infer that the problem is isolated to
> the P/S drawer. Checked the spring
> switch that shorts the HV output when the drawer is
> slid out, and with the drawer all
> the way in, it appears to be a good 3/8" or so away
> from the HV terminal, though it's
> hard to see when the P/S is in the case.
>
> I'm about to take the power supply out and attempt
> further diagnostics, but do
> any of you have any suggestions where to start

> looking? I'm hoping this is a common
> problem..
>
> Thanks, and 73, John K4OZY
>
>
>
>

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# 2396. Re: [T-368_BC-610] T-368 blowing AC breaker

Yahoo group: T-368_BC-610
Date: 2005-11-03 23:59:43 UTC
From: Bill Riches
Topic: 2393  Message: 2396

How about using neon sign wire??

73,

Bill Riches, WA2DVU
Cape May, NJ
----- Original Message -----
From: "Joe Foley" <redmenaced@...>
To: <t-368_bc-610@yahoogroups.com>
Sent: Thursday, November 03, 2005 5:51 PM
Subject: Re: [T-368_BC-610] T-368 blowing AC breaker

> Ok, here's what I found on mine.
>
> The wiring under the 3B28's was cracked and shorting
> out under load.
>
> This was very hard to see upon casual inspection,
> especially where the wires go through the deck. The
> correct wire to replace the HV wiring is expensive and
> hard to find BUT, if you call Dearborn Wire and Cable
> and whine pitifully they may send you a 10 foot piece
> for an "engineering sample".
>
> I wouldn't try to solder on the plate transformer
> terminals, they may expand and leak, they are a pain
> to solder to anyway.
>
> Put a drip pan, PLASTIC, under the plate transformer
> to catch any oil that may drip from there, just to
> verify/deny that possibility.
>
> Verify that the sparkgap on the capacitors is correct
> before you get too far into the above mentioned stuff.
>
> It may help to find the problem if you remove the back
> panel and jump out the interlock but you didn't hear
> that from me!
>
> Speaking of which, it's not a bad idea to check all
> the interlocks anyway, mine had bad connections and
> charred wiring, they needed mechanical alignment, too.
>
> Joe KG2CI
>
>

>
>
> --- John Poulton <jp@...> wrote:
>
>>
>> Just joined the group last week, and have a question
>> for the assembled about
>> the T-368 that I recently acquired.
>>
>> The previous owner told me that "the plate
>> transformer is blown", so before I
>> powered up the tx, I took the power supply
>> completely apart, meg'd the plate
>> 'former, the filter caps, and the choke. All showed
>> several G-ohms between
>> terminals and case. The capacitors are both very
>> close to 4uF. I powered
>> the plate transformer up on a variac (no load) and
>> measured 600VAC out on the
>> secondary with 12VAC in on the primary. Nothing bad
>> happened when I ran the
>> primary up to 120VAC, with no load. No-load primary
>> current was perhaps 50mA
>> or so... Might be worth mentioning that the
>> transformer was inverted
>> (terminals-up) at the time...
>>
>> Thinking all was well, I cleaned up the P/S drawer,
>> which had a bit of oil
>> on the chassis from one of the iron components
>> (though which one, I couldn't tell!),
>> reassembled, and reinstalled in the tx.
>>
>> As I went through the power-up proceedure for the
>> tx, grid-drive seemed normal,
>> the PA dipped and peaked to the appropriate plate
>> current in "TUNE" mode, and the
>> tx appeared to be putting out about 50W (in AM
>> "TUNE" mode). Was even able to
>> modulate the carrier in this mode. But when I upped
>> the plate voltage by switching
>> to "OPERATE", there was a brief, loud rasping noise
>> from the back of the tx (where
>> I couldn't easily observe), and the 20A mains
>> breaker in my AC panel blew. I also
>> noticed that the indication on the power meter
>> attached to the dummy load on the tx very
>> briefly went north of 600W.
>>
>> I repeated the power-up experiment again, but this

>> time with the HV lead disconnected
>> at the spring terminal at the back of the power
>> supply drawer (no load on the HV
>> supply). Again, all was well in "TUNE", but breaker
>> blew immediately when in "OPERATE".
>> From this, I infer that the problem is isolated to
>> the P/S drawer. Checked the spring
>> switch that shorts the HV output when the drawer is
>> slid out, and with the drawer all
>> the way in, it appears to be a good 3/8" or so away
>> from the HV terminal, though it's
>> hard to see when the P/S is in the case.
>>
>> I'm about to take the power supply out and attempt
>> further diagnostics, but do
>> any of you have any suggestions where to start
>> looking? I'm hoping this is a common
>> problem..
>>
>> Thanks, and 73, John K4OZY
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# 2397. Re: [T-368_BC-610] T-368 blowing AC breaker

Yahoo group: T-368_BC-610
Date: 2005-11-04 01:32:00 UTC
From: bcarling@cfl.rr.com
Topic: 2393  Message: 2397

One thing you could try is to power it up in the dark and see if you
can locate the flash!

I am sure there are better methods though...

On 3 Nov 2005 at 15:19, John Poulton wrote:

>
> Just joined the group last week, and have a question for the assembled about
> the T-368 that I recently acquired.
>
> The previous owner told me that "the plate transformer is blown", so before I
> powered up the tx, I took the power supply completely apart, meg'd the plate
> 'former, the filter caps, and the choke. All showed several G-ohms between
> terminals and case. The capacitors are both very close to 4uF. I powered
> the plate transformer up on a variac (no load) and measured 600VAC out on the
> secondary with 12VAC in on the primary. Nothing bad happened when I ran the
> primary up to 120VAC, with no load. No-load primary current was perhaps 50mA
> or so... Might be worth mentioning that the transformer was inverted
> (terminals-up) at the time...
>
> Thinking all was well, I cleaned up the P/S drawer, which had a bit of oil
> on the chassis from one of the iron components (though which one, I couldn't tell!),
> reassembled, and reinstalled in the tx.
>
> As I went through the power-up proceedure for the tx, grid-drive seemed normal,
> the PA dipped and peaked to the appropriate plate current in "TUNE" mode, and the
> tx appeared to be putting out about 50W (in AM "TUNE" mode). Was even able to
> modulate the carrier in this mode. But when I upped the plate voltage by switching
> to "OPERATE", there was a brief, loud rasping noise from the back of the tx (where
> I couldn't easily observe), and the 20A mains breaker in my AC panel blew. I also
> noticed that the indication on the power meter attached to the dummy load on the tx very
> briefly went north of 600W.
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> I repeated the power-up experiment again, but this time with the HV lead disconnected
> at the spring terminal at the back of the power supply drawer (no load on the HV
> supply). Again, all was well in "TUNE", but breaker blew immediately when in "OPERATE".
> From this, I infer that the problem is isolated to the P/S drawer. Checked the spring
> switch that shorts the HV output when the drawer is slid out, and with the drawer all
> the way in, it appears to be a good 3/8" or so away from the HV terminal, though it's
> hard to see when the P/S is in the case.
>
> I'm about to take the power supply out and attempt further diagnostics, but do
> any of you have any suggestions where to start looking? I'm hoping this is a common
> problem..
>

> Thanks, and 73, John K4OZY
>
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# 2398. Re: [T-368_BC-610] T-368 blowing AC breaker

Yahoo group: T-368_BC-610
Date: 2005-11-04 01:42:06 UTC
From: Joe Foley
Topic: 2393  Message: 2398

--- Bill Riches <bill.riches@...> wrote:

> How about using neon sign wire??
+++++++++
Probably could, but it should have a high voltage
rating, I think I used 25KV wire, also, for some
reason the military spec was for 14 gauge wire. This
for a 1/2 amp circuit. Probably it was for mechanical
strength.

Joe

>
> 73,
>
> Bill Riches, WA2DVU
> Cape May, NJ
> ----- Original Message -----
> From: "Joe Foley" <redmenaced@...>
> To: <t-368_bc-610@yahoogroups.com>
> Sent: Thursday, November 03, 2005 5:51 PM
> Subject: Re: [T-368_BC-610] T-368 blowing AC breaker
>
>
> > Ok, here's what I found on mine.
> >
> > The wiring under the 3B28's was cracked and
> shorting
> > out under load.
> >
> > This was very hard to see upon casual inspection,
> > especially where the wires go through the deck.
> The
> > correct wire to replace the HV wiring is expensive
> and
> > hard to find BUT, if you call Dearborn Wire and
> Cable
> > and whine pitifully they may send you a 10 foot
> piece
> > for an "engineering sample".
> >
> > I wouldn't try to solder on the plate transformer
> > terminals, they may expand and leak, they are a
> pain
> > to solder to anyway.
> >

> > Put a drip pan, PLASTIC, under the plate
> transformer
> > to catch any oil that may drip from there, just to
> > verify/deny that possibility.
> >
> > Verify that the sparkgap on the capacitors is
> correct
> > before you get too far into the above mentioned
> stuff.
> >
> > It may help to find the problem if you remove the
> back
> > panel and jump out the interlock but you didn't
> hear
> > that from me!
> >
> > Speaking of which, it's not a bad idea to check
> all
> > the interlocks anyway, mine had bad connections
> and
> > charred wiring, they needed mechanical alignment,
> too.
> >
> > Joe KG2CI
> >
> >
> >
> >
> > --- John Poulton <jp@...> wrote:
> >
> >>
> >> Just joined the group last week, and have a
> question
> >> for the assembled about
> >> the T-368 that I recently acquired.
> >>
> >> The previous owner told me that "the plate
> >> transformer is blown", so before I
> >> powered up the tx, I took the power supply
> >> completely apart, meg'd the plate
> >> 'former, the filter caps, and the choke. All
> showed
> >> several G-ohms between
> >> terminals and case. The capacitors are both very
> >> close to 4uF. I powered
> >> the plate transformer up on a variac (no load)
> and
> >> measured 600VAC out on the
> >> secondary with 12VAC in on the primary. Nothing
> bad

> >> happened when I ran the
> >> primary up to 120VAC, with no load. No-load
> primary
> >> current was perhaps 50mA
> >> or so... Might be worth mentioning that the
> >> transformer was inverted
> >> (terminals-up) at the time...
> >>
> >> Thinking all was well, I cleaned up the P/S
> drawer,
> >> which had a bit of oil
> >> on the chassis from one of the iron components
> >> (though which one, I couldn't tell!),
> >> reassembled, and reinstalled in the tx.
> >>
> >> As I went through the power-up proceedure for the
> >> tx, grid-drive seemed normal,
> >> the PA dipped and peaked to the appropriate plate
> >> current in "TUNE" mode, and the
> >> tx appeared to be putting out about 50W (in AM
> >> "TUNE" mode). Was even able to
> >> modulate the carrier in this mode. But when I
> upped
> >> the plate voltage by switching
> >> to "OPERATE", there was a brief, loud rasping
> noise
> >> from the back of the tx (where
> >> I couldn't easily observe), and the 20A mains
> >> breaker in my AC panel blew. I also
> >> noticed that the indication on the power meter
> >> attached to the dummy load on the tx very
> >> briefly went north of 600W.
> >>
> >> I repeated the power-up experiment again, but
> this
> >> time with the HV lead disconnected
> >> at the spring terminal at the back of the power
> >> supply drawer (no load on the HV
> >> supply). Again, all was well in "TUNE", but
> breaker
> >> blew immediately when in "OPERATE".
> >> From this, I infer that the problem is isolated
> to
> >> the P/S drawer. Checked the spring
> >> switch that shorts the HV output when the drawer
> is
> >> slid out, and with the drawer all
> >> the way in, it appears to be a good 3/8" or so
> away
> >> from the HV terminal, though it's

> >> hard to see when the P/S is in the case.
> >>
> >> I'm about to take the power supply out and
> attempt
> >> further diagnostics, but do
> >> any of you have any suggestions where to start
> >> looking? I'm hoping this is a common
> >> problem..
> >>
> >> Thanks, and 73, John K4OZY
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# 2399. Re: [T-368_BC-610] T-368 blowing AC breaker

Yahoo group: T-368_BC-610
Date: 2005-11-04 02:07:00 UTC
From: Joe Foley
Topic: 2393  Message: 2399

Why not RG-8 coax? I've got 2500v on a pair of
250TH's using coax asthe HV line.
+++++++
No, it has to be more flexible than that, RG-8 is also
too big for the places where this wire is used, there
is a LOT of it under the 3B28 sockets.

Joe

_____
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http://mail.yahoo.com

# 2400. Re: [T-368_BC-610] T-368 blowing AC breaker

Yahoo group: T-368_BC-610
Date: 2005-11-04 13:06:40 UTC
From: bcarling@cfl.rr.com
Topic: 2393  Message: 2400

Well, RG8X might work.

On 3 Nov 2005 at 18:07, Joe Foley wrote:

> 
> Why not RG-8 coax? I've got 2500v on a pair of
> 250TH's using coax asthe HV line.
> +++++++
> No, it has to be more flexible than that, RG-8 is also
> too big for the places where this wire is used, there
> is a LOT of it under the 3B28 sockets.
> 
> Joe
> 
> 
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# 2401. Re: [T-368_BC-610] T-368 blowing AC breaker

Yahoo group: T-368_BC-610
Date: 2005-11-04 14:24:29 UTC
From: Todd, KA1KAQ
Topic: 2393  Message: 2401

On 11/3/05, Joe Foley <redmenaced@yahoo.com> wrote:
>
> Why not RG-8 coax? I've got 2500v on a pair of
> 250TH's using coax asthe HV line.
> +++++++
> No, it has to be more flexible than that, RG-8 is also
> too big for the places where this wire is used, there
> is a LOT of it under the 3B28 sockets.

Someone used what looks like RG-58 for mods to the 300G I'm restoring. Was a bc engineer too, because the added cable was used to cut in a Gates power adjusting unit for cutting back transmitter power (big honkin' rheostat). The original black wire circa late 40s/early 50s looks a lot like spark plug wire. Considering that spark plug wire has to handle high voltage and endure high heat, I've thought about using it. I want the original black though, not neon red or fluorescent yellow.

~ Todd/'Boomer' KA1KAQ

# 2402. Re: [T-368_BC-610] T-368 blowing AC breaker

Yahoo group: T-368_BC-610
Date: 2005-11-04 15:48:44 UTC
From: Joe Foley
Topic: 2393  Message: 2402

--- "Todd, KA1KAQ" <ka1kaq@...> wrote:

> On 11/3/05, Joe Foley <redmenaced@...> wrote:
> >
> > Why not RG-8 coax? I've got 2500v on a pair of
> > 250TH's using coax asthe HV line.
> > +++++++
> > No, it has to be more flexible than that, RG-8 is
> also
> > too big for the places where this wire is used,
> there
> > is a LOT of it under the 3B28 sockets.
>
> Someone used what looks like RG-58 for mods to the
> 300G I'm restoring.
> Was a bc engineer too, because the added cable was
> used to cut in a
> Gates power adjusting unit for cutting back
> transmitter power (big
> honkin' rheostat). The original black wire circa
> late 40s/early 50s
> looks a lot like spark plug wire. Considering that
> spark plug wire has
> to handle high voltage and endure high heat, I've
> thought about using
> it. I want the original black though, not neon red
> or fluorescent
> yellow.
+++++++
Black isn't a problem, but the size of the conductor
might be.

I don't know what problems the shield on the RG would
cause either, it would seem to be a good idea to
solidly ground it so any induced voltage is
dissipated.

Joe

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http://farechase.yahoo.com

# 2403. Re: [T-368_BC-610] T-368 blowing AC breaker

Yahoo group: T-368_BC-610
Date: 2005-11-04 16:55:36 UTC
From: Bill Riches
Topic: 2393  Message: 2403

I am wrong- according to Belden's web site RG8X is rated for 300V RMS - no dc rating and talking with their rep there is no dc rating. RG8 is rated for 600 V RMS but we all have used it at 2.5 kv with out it blowing up.

73,

Bill Riches, WA2DVU
Cape May, NJ
----- Original Message -----
From: <bcarling@...>
To: <t-368_bc-610@yahoogroups.com>
Sent: Friday, November 04, 2005 8:06 AM
Subject: Re: [T-368_BC-610] T-368 blowing AC breaker

> Well, RG8X might work.
>
> On 3 Nov 2005 at 18:07, Joe Foley wrote:
>
>>
>> Why not RG-8 coax? I've got 2500v on a pair of
>> 250TH's using coax asthe HV line.
>> +++++++
>> No, it has to be more flexible than that, RG-8 is also
>> too big for the places where this wire is used, there
>> is a LOT of it under the 3B28 sockets.
>>
>> Joe
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# 2404. Re: [T-368_BC-610] T-368 blowing AC breaker

Yahoo group: T-368_BC-610
Date: 2005-11-04 17:57:29 UTC
From: Tom Norris
Topic: 2393  Message: 2404

I've got to speak up on RG-8. Some of our older HV DC power supplies in our lab use RG-8 as the HV leads. This includes our 60's era 30 kV supply (Sorenson, I don't remember) While I don't remember the particular brand, I do remember when rebuilding it the manual specified RG-8 as the cabling. It used the shield for electrostatic shielding. Worked well, calibrated to spec, passed all safety tests, etc. I've been on leave a bit over a year and a half, and I used it shortly beforehand with no explosions.
HOWEVER the item it was used to calibrate was a fairly low resistance. Is 10 megs low for 30 kV?

Tom

On Nov 4, 2005, at 10:55 AM, Bill Riches wrote:

> I am wrong- according to Belden's web site RG8X is rated for 300V
> RMS - no
> dc rating and talking with their rep there is no dc rating. RG8 is
> rated
> for 600 V RMS but we all have used it at 2.5 kv with out it blowing
> up.
>
> 73,
>
> Bill Riches, WA2DVU
> Cape May, NJ

# 2405. Re: [T-368_BC-610] T-368 blowing AC breaker

Yahoo group: T-368_BC-610
Date: 2005-11-04 17:13:01 UTC
From: Alan Cohen
Topic: 2393  Message: 2405

I've seen RG-8 or RG-213 cable being used by the manufacturer in UHF broadcast transmitters as high voltage wiring to deliver voltages as high as 33 KV at several amps to klystrons and IOTs. Polyethylene was the dielectric, not foam. I wonder if the numbers you are seeing in the Belden catalog are for foam?

Alan
WA2DZL

On Nov 4, 2005, at 11:55 AM, Bill Riches wrote:

> I am wrong- according to Belden's web site RG8X is rated for 300V
> RMS - no
> dc rating and talking with their rep there is no dc rating. RG8 is
> rated
> for 600 V RMS but we all have used it at 2.5 kv with out it blowing
> up.
>
> 73,
>
> Bill Riches, WA2DVU
> Cape May, NJ
> ----- Original Message -----
> From: <bcarling@...>
> To: <t-368_bc-610@yahoogroups.com>
> Sent: Friday, November 04, 2005 8:06 AM
> Subject: Re: [T-368_BC-610] T-368 blowing AC breaker
>
>
> > Well, RG8X might work.
> >
> > On 3 Nov 2005 at 18:07, Joe Foley wrote:
> >
> >>
> >> Why not RG-8 coax? I've got 2500v on a pair of
> >> 250TH's using coax asthe HV line.
> >> +++++++
> >> No, it has to be more flexible than that, RG-8 is also
> >> too big for the places where this wire is used, there
> >> is a LOT of it under the 3B28 sockets.
> >>
> >> Joe
> >>
> >>
> >>
> >>

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> >> _____
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>

[Non-text portions of this message have been removed]

# 2406. Re: [T-368_BC-610] T-368 blowing AC breaker (LONG)

Yahoo group: T-368_BC-610
Date: 2005-11-04 19:23:16 UTC
From: James M. Walker
Topic: 2406  Message: 2406

Ola John,
Well I have used both types of rectifiers, solid state and tube,
even put a pair of 866As in for giggles. Mostly if the 3B28s
are ok they work, only sometimes they get cranky. E'nuff said.

As for the test fixture approach it goes like this:

Remove the two connectors from the top of the chassis.

Place a throw rug directly in front of the transmitter.

Slide the power supply deck partially out of the cabinet, by pulling on the handles. straight out, don't pull all the way out. Then grab the handles by the top, hands in the bend, pull gently and lower the chassis to the rug.

Once the chassis is on the rug/floor reach into cabinet and lift
to set the chassis up on the handles. Now you can grab a portion of the rug
and the chassis and turn the unit around so you can see the underside
of the power supply and reach the circuitry.

On the chassis top, remove the time delay relay, and Don't break it.
Put it off to the side and safety. Next place the Tune/Operate switch
in the "TUNE" position.

Then you can put the output of a 0 - 125VAC variac to terminals
1 & 2 of the plate transformer. Put 115 VAC to terminal 1 & 2 of
the filament transformer, either directly or through a separate variac.

NOW This is VERY IMPORTANT, you will need an insulated
device, I use a piece of 1/4 inch thick by 1 inch square teflon and
place it in the space between the shorting jumper (Spring loaded)
known as E11 and E12.

Apply power to the filaments, give them a minute or two to warm
up if 3B28s. then bring the power up on the HV transformer, If you
have a HV probe for your VOM/VTVM use it and you can turn
the voltage as high as you like.

Note: turn the AC to the HV transformer up slowly, if there are
bad wires you will hear frying as you exceed 600 VDC approximately.

The Oil you are seeing is most likely coming from the filter caps. The
transformers insulated feedthru terminals are separated from the oil
filled area, of course if the transformer has been dropped on its terminals
all bets are off.

Now if you need HV cabling, I use and always have Belden 8899
cable comes in red and black rated for 5KV @ 1.5 amps. If it seems

flimsy to you slide it into a piece of tygon tubing 3/8 inch diameter,
which will give you an additional 2 KV of insulation, as measured with
a megger.

As for it tripping the circuit breaker in the wall, trouble spots to check
are the HV indicator (Red) case inside the front panel for frayed
wires shorting. Also a note of enquiry, have you checked the PLATE
current meter to make sure the spacer is in the unit, and is made of an
insulating material, mine is wood and painted white. Its' purpose is
to prevent the HV from shorting to ground through the meter housing.

The above description while it may sound complicated will if followed
allow you to find where the power out short is occurring as it eliminates
everything except the active components of the HV section.

YELL if you need more info!
Jim
----- Original Message -----
From: "John Poulton" <jp@...>
To: "James M. Walker" <chejmw@...>
Cc: "John Poulton" <jp@...>
Sent: Thursday, November 03, 2005 4:29 PM
Subject: Re: [T-368_BC-610] T-368 blowing AC breaker

> Jim,
>
> Thanks for the help! I replied to Todd separately.. the tx came to
> me with a pair of s/s rectifiers plugged in, and the previous owner
> reported more or less the same problem I described below. So,.. I'm
> not optimistic that a change of rectifiers is going to help, though
> I'll do it anyhow.
>
> If it isn't too much trouble, I'd be grateful if you could describe
> your out-of-cabinet p/s check. I've been thinking about a way to do
> this, but I hate to reinvent the wheel! Was considering hot-wiring
> the rectifier filament transformer (after lifting one, or both of
> its leads) to 120VAC, then bringing the primary of the plate xfmr
> up on a variac, whilst watching the output voltage on a meter and
> eye-balling the bottom of the p/s for arcs... I'm a little concerned
> about operating the supply upside-down. The 3B28's should be fine
> (according to the RCA tube manual), but what about that oil slopping
> around in the iron..? Maybe with the p/s inverted, the oil is
> covering an arcing point, while right-side-up it's exposed..?
>
> 73, John K4OZY
>
>
> On Thu, 3 Nov 2005, James M. Walker wrote:
>
> > Yep,
> > what Todd said. Check the 3B28s first if you have spares

> > change them both out if possible. If that isn't it sing out, I will
> > describe for you a way to check the power supply deck out of the
> > unit.
> > Jim
> > WB2FCN
> > http://eshop1.chem.buffalo.edu
> >
> > ----- Original Message -----
> > From: "John Poulton" <jp@...>
> > To: <T-368_BC-610@yahoogroups.com>
> > Sent: Thursday, November 03, 2005 3:19 PM
> > Subject: [T-368_BC-610] T-368 blowing AC breaker
> >
> >
> > >
> > > Just joined the group last week, and have a question for the assembled
> > about
> > > the T-368 that I recently acquired.
> > >
> > > The previous owner told me that "the plate transformer is blown", so
> > before I
> > > powered up the tx, I took the power supply completely apart, meg'd the
> > plate
> > > 'former, the filter caps, and the choke. All showed several G-ohms
> > between
> > > terminals and case. The capacitors are both very close to 4uF. I
powered
> > > the plate transformer up on a variac (no load) and measured 600VAC out
on
> > the
> > > secondary with 12VAC in on the primary. Nothing bad happened when I
ran
> > the
> > > primary up to 120VAC, with no load. No-load primary current was
perhaps
> > 50mA
> > > or so... Might be worth mentioning that the transformer was inverted
> > > (terminals-up) at the time...
> > >
> > > Thinking all was well, I cleaned up the P/S drawer, which had a bit of
oil
> > > on the chassis from one of the iron components (though which one, I
> > couldn't tell!),
> > > reassembled, and reinstalled in the tx.
> > >
> > > As I went through the power-up proceedure for the tx, grid-drive
seemed
> > normal,
> > > the PA dipped and peaked to the appropriate plate current in "TUNE"
mode,

> > and the
> > > tx appeared to be putting out about 50W (in AM "TUNE" mode). Was even
> > able to
> > > modulate the carrier in this mode. But when I upped the plate voltage
by
> > switching
> > > to "OPERATE", there was a brief, loud rasping noise from the back of
the
> > tx (where
> > > I couldn't easily observe), and the 20A mains breaker in my AC panel
blew.
> > I also
> > > noticed that the indication on the power meter attached to the dummy
load
> > on the tx very
> > > briefly went north of 600W.
> > >
> > > I repeated the power-up experiment again, but this time with the HV
lead
> > disconnected
> > > at the spring terminal at the back of the power supply drawer (no load
on
> > the HV
> > > supply). Again, all was well in "TUNE", but breaker blew immediately
when
> > in "OPERATE".
> > > From this, I infer that the problem is isolated to the P/S drawer.
> > Checked the spring
> > > switch that shorts the HV output when the drawer is slid out, and with
the
> > drawer all
> > > the way in, it appears to be a good 3/8" or so away from the HV
terminal,
> > though it's
> > > hard to see when the P/S is in the case.
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> > > I'm about to take the power supply out and attempt further
diagnostics,
> > but do
> > > any of you have any suggestions where to start looking? I'm hoping
this
> > is a common
> > > problem..
> > >
> > > Thanks, and 73, John K4OZY
> > >
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# 2407. RE: [T-368_BC-610] T-368 blowing AC breaker (LONG)

Yahoo group: T-368_BC-610
Date: 2005-11-04 19:33:39 UTC
From: Mike Feher
Topic: 2406 Message: 2407

I used to use one of my kids skateboards when I removed the power supply from the cabinet. Worked real well. I still think I have the skateboard around someplace just for that reason. The son we bought it for is now 29 and has not used it in over 15 years. -

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of James M. Walker
Sent: Friday, November 04, 2005 2:23 PM
To: T-368_BC-610@yahoogroups.com; John Poulton
Subject: Re: [T-368_BC-610] T-368 blowing AC breaker (LONG)

Ola John,
Well I have used both types of rectifiers, solid state and tube, even put a pair of 866As in for giggles. Mostly if the 3B28s are ok they work, only sometimes they get cranky. E'nuff said.

As for the test fixture approach it goes like this:

Remove the two connectors from the top of the chassis.

Place a throw rug directly in front of the transmitter.

Slide the power supply deck partially out of the cabinet, by pulling on the handles. straight out, don't pull all the way out. Then grab the handles by the top, hands in the bend, pull gently and lower the chassis to the rug.

Once the chassis is on the rug/floor reach into cabinet and lift to set the chassis up on the handles. Now you can grab a portion of the rug and the chassis and turn the unit around so you can see the underside of the power supply and reach the circuitry.

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Then you can put the output of a 0 - 125VAC variac to terminals 1 & 2 of the plate transformer. Put 115 VAC to terminal 1 & 2 of the filament transformer, either directly or through a separate variac.

NOW This is VERY IMPORTANT, you will need an insulated device, I use a piece of 1/4 inch thick by 1 inch square teflon and place it in the space between the shorting jumper (Spring loaded)

known as E11 and E12.

Apply power to the filaments, give them a minute or two to warm
up if 3B28s. then bring the power up on the HV transformer, If you
have a HV probe for your VOM/VTVM use it and you can turn
the voltage as high as you like.

Note: turn the AC to the HV transformer up slowly, if there are
bad wires you will hear frying as you exceed 600 VDC approximately.

The Oil you are seeing is most likely coming from the filter caps. The
transformers insulated feedthru terminals are separated from the oil
filled area, of course if the transformer has been dropped on its terminals
all bets are off.

Now if you need HV cabling, I use and always have Belden 8899
cable comes in red and black rated for 5KV @ 1.5 amps. If it seems
flimsy to you slide it into a piece of tygon tubing 3/8 inch diameter,
which will give you an additional 2 KV of insulation, as measured with
a megger.

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are the HV indicator (Red) case inside the front panel for frayed
wires shorting. Also a note of enquiry, have you checked the PLATE
current meter to make sure the spacer is in the unit, and is made of an
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to prevent the HV from shorting to ground through the meter housing.

The above description while it may sound complicated will if followed
allow you to find where the power out short is occurring as it eliminates
everything except the active components of the HV section.

YELL if you need more info!
Jim
----- Original Message -----
From: "John Poulton" <jp@...>
To: "James M. Walker" <chejmw@...o.edu>
Cc: "John Poulton" <jp@...>
Sent: Thursday, November 03, 2005 4:29 PM
Subject: Re: [T-368_BC-610] T-368 blowing AC breaker

> Jim,
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> Thanks for the help! I replied to Todd separately.. the tx came to
> me with a pair of s/s rectifiers plugged in, and the previous owner
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> > unit.
> > Jim
> > WB2FCN
> > http://eshop1.chem.buffalo.edu
> >
> > ----- Original Message -----
> > From: "John Poulton" <jp@...>
> > To: <T-368_BC-610@yahoogroups.com>
> > Sent: Thursday, November 03, 2005 3:19 PM
> > Subject: [T-368_BC-610] T-368 blowing AC breaker
> >
> >
> > >
> > > Just joined the group last week, and have a question for the assembled
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> > > the T-368 that I recently acquired.
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powered
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> > > secondary with 12VAC in on the primary. Nothing bad happened when I
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> > > or so... Might be worth mentioning that the transformer was inverted
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> > and the
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> > > modulate the carrier in this mode. But when I upped the plate voltage
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> > switching
> > > to "OPERATE", there was a brief, loud rasping noise from the back of
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> > > I couldn't easily observe), and the 20A mains breaker in my AC panel
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> > > briefly went north of 600W.
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> > > at the spring terminal at the back of the power supply drawer (no load
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> > the HV
> > > supply). Again, all was well in "TUNE", but breaker blew immediately
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> > in "OPERATE".
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> > Checked the spring
> > > switch that shorts the HV output when the drawer is slid out, and with
the
> > drawer all
> > > the way in, it appears to be a good 3/8" or so away from the HV
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> > though it's

> > > hard to see when the P/S is in the case.
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> > but do
> > > any of you have any suggestions where to start looking? I'm hoping
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> > is a common
> > > problem..
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> > > Thanks, and 73, John K4OZY
> > >
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# 2408. Re: [T-368_BC-610] T-368 blowing AC breaker

Yahoo group: T-368_BC-610
Date: 2005-11-04 20:14:28 UTC
From: John Poulton
Topic: 2393  Message: 2408

Modern spark plug wire has a fabric center conductor that's
carbon impregnated to create a distributed resistance to
reduce RF interference from ignition systems. You'd want
to look for the old-fashioned, non-noise-reducing wire.
However, this stuff typically has stranded steel wire center
conductor, so it's not the greatest material to solder to.
Last time I had some of this stuff, it had white insulation...

As for the RG-xx coax, you could always remove the shield
and just use the center conductor and its insulation. The
problem with THAT is that the insulation is fairly delicate
mechanically.

Best thing is to find some authentic high voltage wire. Maybe
one of us could bite the bullet, buy an entire roll, then
share the wealth. I'll look into it, if it turns out that
the T-368 needs extensive HV rewiring..

73, John

On Fri, 4 Nov 2005, Joe Foley wrote:

>
>
> --- "Todd, KA1KAQ" <ka1kaq@...> wrote:
>
> > On 11/3/05, Joe Foley <redmenaced@...> wrote:
> > >
> > > Why not RG-8 coax? I've got 2500v on a pair of
> > > 250TH's using coax asthe HV line.
> > > +++++++
> > > No, it has to be more flexible than that, RG-8 is
> > also
> > > too big for the places where this wire is used,
> > there
> > > is a LOT of it under the 3B28 sockets.
> > >
> > Someone used what looks like RG-58 for mods to the
> > 300G I'm restoring.
> > Was a bc engineer too, because the added cable was
> > used to cut in a
> > Gates power adjusting unit for cutting back
> > transmitter power (big
> > honkin' rheostat). The original black wire circa
> > late 40s/early 50s
> > looks a lot like spark plug wire. Considering that

> > spark plug wire has
> > to handle high voltage and endure high heat, I've
> > thought about using
> > it. I want the original black though, not neon red
> > or fluorescent
> > yellow.
> +++++++
> Black isn't a problem, but the size of the conductor
> might be.
>
> I don't know what problems the shield on the RG would
> cause either, it would seem to be a good idea to
> solidly ground it so any induced voltage is
> dissipated.
>
> Joe
>
>
>
> _____
> Yahoo! FareChase: Search multiple travel sites in one click.
> http://farechase.yahoo.com
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# 2409. Re: [T-368_BC-610] T-368 blowing AC breaker (LONG)

Yahoo group: T-368_BC-610
Date: 2005-11-04 20:49:19 UTC
From: James M. Walker
Topic: 2406  Message: 2409

John,
You really don't need to unsolder any wires to make these
checks. Also if you don't have the HV wire I will send you a
6 foot length of red and black Beldon for your HV wiring.
The control leads are just # 12 or # 14 as you see fit.

Again, for the oil leakage I would check the caps first.

FWIW
Jim
WB2FCN

----- Original Message -----
From: "John Poulton" <jp@...>
To: "James M. Walker" <chejmw@...>
Cc: "John Poulton" <jp@...>
Sent: Friday, November 04, 2005 3:20 PM
Subject: Re: [T-368_BC-610] T-368 blowing AC breaker (LONG)

> THANKS, Jim! The first part of this was just about exactly what I was
> planning to do, other than to lift some of the connections from the
> transformes to avoid energizing unwanted paths back through relays and
> such..
>
> I really appreciate your taking the time to write up these notes!
>
> I'll get on it, probably Sunday, and send a report back to the group
> on what I find out (if anything..)!
>
> 73, John

# 2410. Re: [T-368_BC-610] T-368 blowing AC breaker (LONG)

Yahoo group: T-368_BC-610
Date: 2005-11-04 21:32:36 UTC
From: W5OMR/Geoff
Topic: 2406  Message: 2410

James M. Walker wrote:

>John,
>You really don't need to unsolder any wires to make these
>checks. Also if you don't have the HV wire I will send you a
>6 foot length of red and black Beldon for your HV wiring.
>The control leads are just # 12 or # 14 as you see fit.
>

My previous message probably didn't make it to the list. sorry...

here it is, in it's entirety (and something added)

I still say RG-8 is good, and the sheild on mine is far removed from the
bare center conductor.

http://w5omr.shacknet.nu:81/~w5omr/hamstuff/AM-Stuff/Titanic/modulator/mod_underneath2.jpg

http://w5omr.shacknet.nu:81/~w5omr/hamstuff/AM-Stuff/Titanic/modulator/meter-driver.jpg

The second picture shows, closer-up, how the sheild is dressed back.

Here's a view (a bit larger picture - fair warning for those on dialup)
of the top side.
http://w5omr.shacknet.nu:81/~w5omr/hamstuff/AM-Stuff/Titanic/modulator/Picture%20007.jpg

*And another, showing better, the bottom of the recently homebrewed
modulator
*http://w5omr.shacknet.nu:81/~w5omr/hamstuff/AM-Stuff/Titanic/modulator/Picture%20013.jpg

As I bent the coax, I used a hair-dryer to cause the dielectric to
'form' to the new shape.

Yes, those are 250TH's in the modulator. They are modulating a pair of
250TH's in the final.

the modulation transformer is from a scrapped out (not by me) T-368.

---
73 = Best Regards,
-Geoff/W5OMR
(also the owner of a BC-610 E. Does anyone have any spare 250TH's they
wish to part with?)
(* = Newly added text)

# 2411. How big a worry is oil leakage?

Yahoo group: T-368_BC-610
Date: 2005-11-04 22:19:09 UTC
From: kd1yt@pshift.com
Topic: 2411  Message: 2411

The recent discussion of HV wiring issues included a mention of oil film around caps or big iron in a T-3, and that reminds me that I have been meaning to ask the group about that subject

I own a T-368E; unfortunately other demands on my time have prevented me from giving it the attention to get it on the air.

When I acquired it, I recall noticing some relatively minor oil film on the bottom of the HV deck and/ or in the bottom of the cabinet.

When I do turn my attention to the T-3, how much should I worry about finding the exact source of the oil?

If the unit otherwise operates OK, do I need to be concerned that some past leak has left one of the HV capacitors or one of the pieces of "big iron" compromised in a way that makes it more likely to fail and take other important components with it-- so that I should try to find the precise origin of the oil?

Or, as long as it is only a minor film and the unit otherwise works OK, is this something to not worry about?

Thanks &73, Trevor KD1YT

[Non-text portions of this message have been removed]

# 2412. Re: [T-368_BC-610] T-368 blowing AC breaker (LONG)

Yahoo group: T-368_BC-610
Date: 2005-11-04 22:35:11 UTC
From: Joe Foley
Topic: 2406  Message: 2412

You could also stand the power supply deck on end with
the plate transformer down, then you could keep track
of both sides of the deck.

Joe

> The above description while it may sound complicated
> will if followed
> allow you to find where the power out short is
> occurring as it eliminates
> everything except the active components of the HV
> section.
>
> YELL if you need more info!

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# 2413. Re: [T-368_BC-610] T-368 blowing AC breaker

Yahoo group: T-368_BC-610
Date: 2005-11-04 22:39:05 UTC
From: Bill Riches
Topic: 2393  Message: 2413

Talked with the belden factory rep - she said none of the coax is rated for dc - just ac. Seems strange.

73

Bill Riches
----- Original Message -----
From: Alan Cohen
To: Bill Riches
Cc: bcarling@... ; t-368_bc-610@yahoogroups.com
Sent: Friday, November 04, 2005 12:13 PM
Subject: Re: [T-368_BC-610] T-368 blowing AC breaker

I've seen RG-8 or RG-213 cable being used by the manufacturer in UHF broadcast transmitters as high voltage wiring to deliver voltages as high as 33 KV at several amps to klystrons and IOTs. Polyethylene was the dielectric, not foam. I wonder if the numbers you are seeing in the Belden catalog are for foam?

Alan
WA2DZL

On Nov 4, 2005, at 11:55 AM, Bill Riches wrote:

I am wrong- according to Belden's web site RG8X is rated for 300V RMS - no
dc rating and talking with their rep there is no dc rating. RG8 is rated
for 600 V RMS but we all have used it at 2.5 kv with out it blowing up.

73,

Bill Riches, WA2DVU
Cape May, NJ
----- Original Message -----
From: <bcarling@...>
To: <t-368_bc-610@yahoogroups.com>
Sent: Friday, November 04, 2005 8:06 AM
Subject: Re: [T-368_BC-610] T-368 blowing AC breaker

> Well, RG8X might work.
>
> On 3 Nov 2005 at 18:07, Joe Foley wrote:
>
>>
>> Why not RG-8 coax? I've got 2500v on a pair of
>> 250TH's using coax asthe HV line.
>> +++++++
>> No, it has to be more flexible than that, RG-8 is also
>> too big for the places where this wire is used, there

>> is a LOT of it under the 3B28 sockets.
>>
>> Joe
>>
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---

[Non-text portions of this message have been removed]

# 2414. Re: [T-368_BC-610] How big a worry is oil leakage?

Yahoo group: T-368_BC-610
Date: 2005-11-04 23:19:10 UTC
From: Joe Foley
Topic: 2411  Message: 2414

> When I do turn my attention to the T-3, how much
> should I worry about finding the
> exact source of the oil?
>
> If the unit otherwise operates OK, do I need to be
> concerned that some past leak
> has left one of the HV capacitors or one of the
> pieces of "big iron" compromised
> in a way that makes it more likely to fail and take
> other important components with
> it-- so that I should try to find the precise origin
> of the oil?
+++++++
I would at least try to find where it is leaking, its not that hard to do. Just make a few drip pans out of plastic jugs, maybe 1 1/2" high, set them in the cabinet under all the oil-bearing equipment and see which ones catch drips.

How much it leaks isn't as important as how long it has been leaking and how big the container is.

Its no big deal to unsolder the fill-plug and peak inside the can. You can still get transformer oil, too, you might have to buy 5 gallons, but you can get it. I think I found it at $48/5 gal. which isn't all that bad to save a big transformer.

Who's the transformer guy in Arizona? I asked him about making an air-cooled replacement for the Plate transformer for a T-368, he quoted me $400, I think, but I never sent him the measurements for the mounting holes. I also thought it would be nice if the HV terminals came out the side instead of the bottom, he said that wouldn't be a problem either.

There should be plenty of room in the power supply drawer and air circulation should be sufficient for Amateur service, an air-cooled plate transformer should work in the T-3, it just needs to be tried and proven.

Joe

_____
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http://farechase.yahoo.com

# 2415. Re: [T-368_BC-610] How big a worry is oil leakage?

Yahoo group: T-368_BC-610
Date: 2005-11-04 23:31:18 UTC
From: Mark Foltarz
Topic: 2411  Message: 2415

My HV xfmr has a leak and did the same thing you mentioned - do I turned it upside down. Ran the wires to repsective places - no more leak.

Mark

--- <kd1yt@...> wrote:

> The recent discussion of HV wiring issues included a mention of oil film around caps or big iron in a T-3, and that reminds me that I have been meaning to ask the group about that subject
>
> I own a T-368E; unfortunately other demands on my time have prevented me from giving it the attention to get it on the air.
>
> When I acquired it, I recall noticing some relatively minor oil film on the bottom of the HV deck and/ or in the bottom of the cabinet.
>
> When I do turn my attention to the T-3, how much should I worry about finding the exact source of the oil?
>
> If the unit otherwise operates OK, do I need to be concerned that some past leak has left one of the HV capacitors or one of the pieces of "big iron" compromised in a way that makes it more likely to fail and take other important components with it-- so that I should try to find the precise origin of the oil?
>
> Or, as long as it is only a minor film and the unit otherwise works OK, is this something to not worry about?
>
> Thanks &73, Trevor KD1YT
>
>

>
>
> [Non-text portions of this message have been removed]
>
>

_____
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# 2416. Re: [T-368_BC-610] T-368 blowing AC breaker

Yahoo group: T-368_BC-610
Date: 2005-11-06 11:44:55 UTC
From: bcarling@cfl.rr.com
Topic: 2393 Message: 2416

It just means that they haven't tested it with DC.
It doesn't mean you can't use it for that.

I suppose it is also a way for them to limit their liability of you short
something out with it!

On 4 Nov 2005 at 17:39, Bill Riches wrote:

> Talked with the belden factory rep - she said none of the coax is rated for dc - just ac.
Seems
> strange.
>
> 73
>
> Bill Riches
> ----- Original Message -----
> From: Alan Cohen
> To: Bill Riches
> Cc: bcarling@... ; t-368_bc-610@yahoogroups.com
> Sent: Friday, November 04, 2005 12:13 PM
> Subject: Re: [T-368_BC-610] T-368 blowing AC breaker
>
> I've seen RG-8 or RG-213 cable being used by the manufacturer in UHF broadcast
transmitters
> as high voltage wiring to deliver voltages as high as 33 KV at several amps to klystrons
and
> IOTs. Polyethylene was the dielectric, not foam. I wonder if the numbers you are seeing
in the
> Belden catalog are for foam?
> Alan WA2DZL
>
> On Nov 4, 2005, at 11:55 AM, Bill Riches wrote:
> I am wrong- according to Belden's web site RG8X is rated for 300V RMS -
> no
> dc rating and talking with their rep there is no dc rating. RG8 is
> rated
> for 600 V RMS but we all have used it at 2.5 kv with out it blowing up.
>
> 73,
>
> Bill Riches, WA2DVU
> Cape May, NJ
> ----- Original Message -----
> From: <bcarling@...>
> To: <t-368_bc-610@yahoogroups.com>
> Sent: Friday, November 04, 2005 8:06 AM

> Subject: Re: [T-368_BC-610] T-368 blowing AC breaker
>
>
> > Well, RG8X might work.
> >
> > On 3 Nov 2005 at 18:07, Joe Foley wrote:
> >
> >>
> >> Why not RG-8 coax? I've got 2500v on a pair of
> >> 250TH's using coax asthe HV line.
> >> +++++++
> >> No, it has to be more flexible than that, RG-8 is also
> >> too big for the places where this wire is used, there
> >> is a LOT of it under the 3B28 sockets.
> >>
> >> Joe
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# 2418. Re: T-368 blowing AC breaker

Yahoo group: T-368_BC-610
Date: 2005-11-07 16:35:42 UTC
From: John Poulton
Topic: 2393  Message: 2418

Finally tracked down the problem that led to the original posting about my newly acquired T-368 blowing its AC breaker. The problem turned out to be arcing from the rear spring contact on the hv power supply chassis to the nearby shorting bar. A bit of judicious bending of contacts completely solved the problem.

Was able to load up into a dummy load at up to 400W or so on AM, only to discover that my antenna system simply isn't up to the job! Will get that worked out, and then hope to join you guys on the air with some very nice heavy iron.. Next: clean up that BC-610E that's been lurking in the garage for a couple of years!

So.. about those mods I've been reading about on the Web. How do you guys feel about modifying these transmitters? Particularly the mod to shunt-feed HV to the PA..? Wonder why B&W didn't do it that way in the first place..?

But mainly.. **THANKS** to all of you who so kindly offered help and suggestions, particularly Jim Walker WB2FCN, who did a bunch of virtual hand-holding while I sorted through the possibilities.

Half the fun of this hobby, maybe more, seems to be these conversations with fellow enthusiasts, and hearing about their various experiences with the equipment we all love.

73, John K4OZY

# 2419. Re: [T-368_BC-610] Re: T-368 blowing AC breaker

Yahoo group: T-368_BC-610
Date: 2005-11-07 17:54:32 UTC
From: w7qho@aol.com
Topic: 2393  Message: 2419

In a message dated 11/7/05 8:39:53 AM, jp@... writes (in part):

> The problem turned out to be
> arcing from the rear spring contact on the hv power supply chassis to the
> nearby shorting bar.  A bit of judicious bending of contacts completely
> solved the problem.
>
John,

That's a new one. How did you track it down?

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2420. Re: [T-368_BC-610] Re: T-368 blowing AC breaker

Yahoo group: T-368_BC-610
Date: 2005-11-07 18:18:44 UTC
From: John Poulton
Topic: 2393  Message: 2420

... With great difficulty! I basically had to apply Occam s Razor.. I took the power supply out (several times, actually, and my back is telling me about it

# 2421. Re: [T-368_BC-610] Re: T-368 blowing AC breaker

Yahoo group: T-368_BC-610
Date: 2005-11-07 19:39:10 UTC
From: W5OMR/Geoff
Topic: 2393  Message: 2421

John Poulton wrote:

>Finally tracked down the problem that led to the original posting about
>my newly acquired T-368 blowing its AC breaker. The problem turned out to be
>arcing from the rear spring contact on the hv power supply chassis to the
>nearby shorting bar. A bit of judicious bending of contacts completely
>solved the problem.
>
>Was able to load up into a dummy load at up to 400W or so on AM, only to
>discover that my antenna system simply isn't up to the job! Will get that
>worked out, and then hope to join you guys on the air with some very nice
>heavy iron.. Next: clean up that BC-610E that's been lurking in the
>garage for a couple of years!
>
>So.. about those mods I've been reading about on the Web. How do you
>guys feel about modifying these transmitters? Particularly the mod to
>shunt-feed HV to the PA..? Wonder why B&W didn't do it that way in the
>first place..?
>

Because it requires more iron, therefore more cost. Besides, the
transmitters designed for the military weren't worried about audio
quality, only in communication.

I'm not sure what the current rating is on the output tube of the T-368
(not sure what it is - I have a '610). I'm guessing it's a 4-250, for
around 350/400w output?
Lessee - off the top of my head, 400w out is around 500w (or a bit
better) DC input, so that's probably a 4-400, instead. Still guessing,
I'd say the B+ is around 2500v on the plates. That would put the plate
current around 250mA, or thereabouts.

The rule of thumb for figuring out how much Inductance to use, is 8Hy
per 1000 ohms of impedance in the final.
Using my best guestimates, that'd be something like...

2500v / 250mA = 10,000 ohms, means you'll need around 80Henry @ at least
250mA in series with the DC to the final to properly shunt the DC off of
the secondary of the modulation transformer. In my homebrew rig, I
ground one side of the modulator secondary, and the other side is
capacitance-coupled with around 4uF @ 4kVDC to the DC line that's going
to the final (on the final side of the choke)

>But mainly.. **THANKS** to all of you who so kindly offered help and
>suggestions, particularly Jim Walker WB2FCN, who did a bunch of virtual
>hand-holding while I sorted through the possibilities.

>

Isn't that what Ham Radio is supposed to be about? Ham's helping fellow hams because they share a common interest?

My friend, John Coleman/WA5BXO summed it up nicely...

_____
What AM Is To Me

by John E. Coleman, WA5BXO

Operating AM is not about communicating using the most efficient mode of transmission or the latest technology. It is about technical understanding of what is really happening in one's transmitter. Not just the standard old definitions but down in the nitty-gritty. It is about understanding the technology of old and new. It's about understanding why one circuit is better suited for a job than another even though both have the same definition. It is about home-brew equipment and modifications. It is about fellowship and a gentleman's mannerisms. It is about fun in learning. It's a little new stuff mixed with some nostalgia and used in a mode that is pleasurable to the operator and the listener.

Sounds a lot like Ham Radio in general.

Don't misunderstand me, there is a lot more to Ham Radio than operating AM. There are so many aspects of Ham Radio that I'm sure I could not do the list justice. For this I am glad. Ham Radio has always been the seeds of electronic and communication technology, and I hope it continues to be.

Somewhere deep in my brain are the memories of the days of learning and wonderment. I can not forget the first time I saw the bottom of the Sears 1950 TV as the repairman went in with his meter and hand tools to repair the set so that I could watch Roy Rogers and Dale Evans on the next Saturday Morning. All the tubes glowing and how did it get in there (the picture and the sound) I asked myself and many others. Then later, while in high school and having upgraded to general class, I was privileged to not only see some of the greatest radio transmitters to have ever been home brewed, but I was known by the men that built them on a first name basis. Walking in to the shack of K5SWK in the evening to see the 833s and 866s glowing and to hear the feedback from the modulation transformer and slight hum of the pole pegs is a memory that will always make me stop what I doing and ponder the nostalgia. Do I operate AM because I can't let go of a childhood memory? You bet I do. I hope to stir some of those memories in others if possible and to plant some seeds of my own.

Many Thanks and 73 to those Elmers

Wayne, W5FJS Otis, K5SWK Tom, K5IBW Koby, K5MZH
Jake, K5IQV Bill, WA5DWX Gene, WA5ATH Gene, W5HQJ

Roy, W5MRY Steve, K5LTK Ronnie, K5MKB Don, K4KYV

This is just to name a few and I know that a lot are silent keys and some have changed their calls. But I will always remember them with the calls heard first.

---

I wouldn't be where I am, in ham Radio, specifically AM Radio were it not for John showing me the way.
He's planted the AM seed in me, as well. John and I have known each other for better'n 20 years.

---
73 = Best Regards,
-Geoff/W5OMR

# 2422. Re: [T-368_BC-610] Re: T-368 blowing AC breaker

Yahoo group: T-368_BC-610
Date: 2005-11-07 23:34:44 UTC
From: w7qho@aol.com
Topic: 2393  Message: 2422

In a message dated 11/7/05 8:39:53 AM, jp@... writes:

> So.. about those mods I've been reading about on the Web.  How do you
> guys feel about modifying these transmitters?  Particularly the mod to
> shunt-feed HV to the PA..?  Wonder why B&W didn't do it that way in the
> first place..?
>

John,

The T-368 covers a very broad, continuous frequency range (1.5 - 20 MHz.) as compared to Ham transmitters. Shunt feeding the HV at the high impedance end of the tank circuit would require an RF choke that had sufficient inductance at the lowest operating frequency (lots of wire) yet was not series resonate ANYWHERE else in the operating range, a difficult design problem. B&W's solution, apparently, was to feed the HV in halfway down the Pi-L tank circuit at a lower impedance point which, in turn, allowed the use of a much smaller choke which could be manufactured with no troublesome series resonances. The stock system works just fine for the military, but the overall audio response of the transmitter is somewhat restricted. This is because of the 0.0039 mfd blocking capacitor (which keeps the HV off the "L" part of the Pi-L tank circuit) is effectively shunted across the mod transformer secondary at audio frequencies. Add the loading cap (vacuum variable) to this and the bypass cap on the incoming HV line gives a total audio shunt capacity on the order of .007 mfd and the audio response starts to roll off at about 1500 cps.

A worthwhile improvement can be achieved by merely reducing the blocking and bypass caps to .001 mfd each. I run my T3's this way. The tuning settings are a bit different from stock, especially on 160M but I have experienced no problems in over 10 years of regular use.

The popular "Timtron" mod (developed and written up by Tim, WA1HLR) involves feeding the HV in at the high impedance end of the tank circuit, using a .001 or even a 500 pf blocking cap and reducing the RF bypass cap to 500pf, giving a total shunt capacity of .0015 mfd, or less, with a concomitant improvement in HF audio response. Just be sure, though, that the RF choke used is not series resonant in any of the Ham bands you plan to use and be aware that the transmitter will probably not be useable over it's total original tuning range. Also, be aware that neither the popular B&W 800 nor the National 175 RF chokes have enough inductance for 160M and are marginal even for 75. RF Devices offers a unit that should work FB, however.

Bunch of other stuff can be done too, like bypassing the filters and clipper circuit in the speech amplifier, increasing coupling cap values, etc. The T368 is completely useable, though, without any modifications at all.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2423. Re: [T-368_BC-610] Re: T-368 blowing AC breaker

Yahoo group: T-368_BC-610
Date: 2005-11-08 00:10:53 UTC
From: Joe Foley
Topic: 2393  Message: 2423

This is also covered in the "files section" on the
homepage of this list.

I think some found that the stock chokes listed below
got too hot in some ham bands and weren't well enough
suited to this purpose.

Joe

--- w7qho@... wrote:

>
> In a message dated 11/7/05 8:39:53 AM, jp@...
> writes:
>
>
> > So.. about those mods I've been reading about on
> the Web.? How do you
> > guys feel about modifying these transmitters??
> Particularly the mod to
> > shunt-feed HV to the PA..?? Wonder why B&W
didn't
> do it that way in the
> > first place..?
> >
>
> John,
>
> The T-368 covers a very broad, continuous frequency
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> compared to Ham transmitters. Shunt feeding the HV
> at the high impedance end
> of the tank circuit would require an RF choke that
> had sufficient
> inductance at the lowest operating frequency (lots
> of wire) yet was not series resonate
> ANYWHERE else in the operating range, a difficult
> design problem. B&W's
> solution, apparently, was to feed the HV in halfway
> down the Pi-L tank circuit at
> a lower impedance point which, in turn, allowed the
> use of a much smaller
> choke which could be manufactured with no
> troublesome series resonances. The
> stock system works just fine for the military, but
> the overall audio response of

> the transmitter is somewhat restricted. This is
> because of the 0.0039 mfd
> blocking capacitor (which keeps the HV off the "L"
> part of the Pi-L tank
> circuit) is effectively shunted across the mod
> transformer secondary at audio
> frequencies. Add the loading cap (vacuum variable)
> to this and the bypass cap on
> the incoming HV line gives a total audio shunt
> capacity on the order of .007
> mfd and the audio response starts to roll off at
> about 1500 cps.
>
> A worthwhile improvement can be achieved by merely
> reducing the blocking and
> bypass caps to .001 mfd each. I run my T3's this
> way. The tuning settings
> are a bit different from stock, especially on 160M
> but I have experienced no
> problems in over 10 years of regular use.
>
> The popular "Timtron" mod (developed and written up
> by Tim, WA1HLR) involves
> feeding the HV in at the high impedance end of the
> tank circuit, using a .001
> or even a 500 pf blocking cap and reducing the RF
> bypass cap to 500pf, giving
> a total shunt capacity of .0015 mfd, or less, with a
> concomitant improvement
> in HF audio response. Just be sure, though, that
> the RF choke used is not
> series resonant in any of the Ham bands you plan to
> use and be aware that the
> transmitter will probably not be useable over it's
> total original tuning range.
> Also, be aware that neither the popular B&W 800 nor
> the National 175 RF
> chokes have enough inductance for 160M and are
> marginal even for 75. RF Devices
> offers a unit that should work FB, however.
>
> Bunch of other stuff can be done too, like bypassing
> the filters and clipper
> circuit in the speech amplifier, increasing coupling
> cap values, etc. The
> T368 is completely useable, though, without any
> modifications at all.
>
> Dennis D. W7QHO
> Glendale, CA

>
>
> [Non-text portions of this message have been
> removed]
>
>

---
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http://mail.yahoo.com

# 2424. Re: [T-368_BC-610] Re: T-368 blowing AC breaker

Yahoo group: T-368_BC-610
Date: 2005-11-08 01:45:42 UTC
From: doran platt
Topic: 2393  Message: 2424

I tried a search for "RF Devices" for an RF choke. Is that their actual company name?

Tnx.

Joe Foley wrote:

> This is also covered in the "files section" on the
> homepage of this list.
>
> I think some found that the stock chokes listed below
> got too hot in some ham bands and weren't well enough
> suited to this purpose.
>
> Joe
>
>
>
>
> --- w7qho@... wrote:
>
> >
> > In a message dated 11/7/05 8:39:53 AM, jp@...
> > writes:
> >
> >
> > > So.. about those mods I've been reading about on
> > the Web.ï¿½ How do you
> > > guys feel about modifying these transmitters?ï¿½
> > Particularly the mod to
> > > shunt-feed HV to the PA..?ï¿½ Wonder why B&W
> didn't
> > do it that way in the
> > > first place..?
> > >
> >
> > John,
> >
> > The T-368 covers a very broad, continuous frequency
> > range (1.5 - 20 MHz.) as
> > compared to Ham transmitters. Shunt feeding the HV
> > at the high impedance end
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> > ANYWHERE else in the operating range, a difficult
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> > solution, apparently, was to feed the HV in halfway
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> > choke which could be manufactured with no
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> > the overall audio response of
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> > or even a 500 pf blocking cap and reducing the RF
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> > a total shunt capacity of .0015 mfd, or less, with a
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> > in HF audio response. Just be sure, though, that
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> > series resonant in any of the Ham bands you plan to
> > use and be aware that the
> > transmitter will probably not be useable over it's
> > total original tuning range.
> > Also, be aware that neither the popular B&W 800 nor
> > the National 175 RF
> > chokes have enough inductance for 160M and are
> > marginal even for 75. RF Devices
> > offers a unit that should work FB, however.

> >
> > Bunch of other stuff can be done too, like bypassing
> > the filters and clipper
> > circuit in the speech amplifier, increasing coupling
> > cap values, etc. The
> > T368 is completely useable, though, without any
> > modifications at all.
> >
> > Dennis D. W7QHO
> > Glendale, CA
> >
> >
> > [Non-text portions of this message have been
> > removed]
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> http://mail.yahoo.com
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> SPONSORED LINKS
> Two way radio
> <http://groups.yahoo.com/gads?t=ms&k=Two+way+radio&w1=Two+way+radio&w2=Military+surplus&w3=Satellite+radio&w4=Fm+radio+transmitter&w5=Military+surplus+stores&w6=Radio+transmitters&c=6&s=141&.sig=hzckaIcB4Okydmf7DOx2ag>
> Military surplus
> <http://groups.yahoo.com/gads?t=ms&k=Military+surplus&w1=Two+way+radio&w2=Military+surplus&w3=Satellite+radio&w4=Fm+radio+transmitter&w5=Military+surplus+stores&w6=Radio+transmitters&c=6&s=141&.sig=gNR50nLOJ2_TxYdnrE2HpA>
> Satellite radio
> <http://groups.yahoo.com/gads?t=ms&k=Satellite+radio&w1=Two+way+radio&w2=Military+surplus&w3=Satellite+radio&w4=Fm+radio+transmitter&w5=Military+surplus+stores&w6=Radio+transmitters&c=6&s=141&.sig=IhOZYnJV62mCWCASoNdSZw>
>
> Fm radio transmitter
> <http://groups.yahoo.com/gads?t=ms&k=Fm+radio+transmitter&w1=Two+way+radio&w2=Military+surplus&w3=Satellite+radio&w4=Fm+radio+transmitter&w5=Military+surplus+stores&w6=Radio+transmitters&c=6&s=141&.sig=oQ2npTjIyuW67Rn98uhPuw>
> Military surplus stores
> <http://groups.yahoo.com/gads?t=ms&k=Military+surplus+stores&w1=Two+way+radio&w2=Military+surplus&w3=Satellite+radio&w4=Fm+radio+transmitter&w5=Military+surplus+stores&w6=Radio+transmitters&c=6&s=141&.sig=DI4QQaH8cXP8fk9K_0Ha6A>
> Radio transmitters
> <http://groups.yahoo.com/gads?t=ms&k=Radio+transmitters&w1=Two+way+radio&w2=Military+sur

plus&w3=Satellite+radio&w4=Fm+radio+transmitter&w5=Military+surplus+stores&w6=Radio+transm
itters&c=6&s=141&.sig=CWGIUTx0d_hHmUg4DbUzKw>
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> ---
> YAHOO! GROUPS LINKS
>
> * Visit your group "T-368_BC-610
> <http://groups.yahoo.com/group/T-368_BC-610>" on the web.
>
> * To unsubscribe from this group, send an email to:
> T-368_BC-610-unsubscribe@yahoogroups.com
> <mailto:T-368_BC-610-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
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[Non-text portions of this message have been removed]

# 2425. Re: [T-368_BC-610] Re: T-368 blowing AC breaker

Yahoo group: T-368_BC-610
Date: 2005-11-08 06:35:23 UTC
From: w7qho@aol.com
Topic: 2393  Message: 2425

Try <http://www.rfparts.com/choke.html>

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2426. 610 mod's?

Yahoo group: T-368_BC-610
Date: 2005-11-08 06:39:49 UTC
From: Bill Harris
Topic: 2426  Message: 2426

John, k4ozy mentioned he was considering Mod's for his E model. Where does one go to peruse these Mod's? I have an old E model that I should do something with besides collecting dust and spiders.
Carry_on
KXBill

# 2427. Re: [T-368_BC-610] 610 mod's?

Yahoo group: T-368_BC-610
Date: 2005-11-08 07:25:23 UTC
From: w7qho@aol.com
Topic: 2426  Message: 2427

In a message dated 11/7/05 10:41:14 PM, KXB@... writes:

> John, k4ozy mentioned he was considering Mod's for his E model.  Where
> does one go to peruse these Mod's?
>

Check out <http://www.amwindow.org/> Click on TECH

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2428. Re: [T-368_BC-610] 610 mod's?

Yahoo group: T-368_BC-610
Date: 2005-11-08 12:47:00 UTC
From: W5OMR/Geoff
Topic: 2426  Message: 2428

Bill Harris wrote:

>John, k4ozy mentioned he was considering Mod's for his E model. Where
>does one go to peruse these Mod's? I have an old E model that I should
>do something with besides collecting dust and spiders.
>Carry_on
>KXBill
>

http://www.google.come

--
-Geoff/W5OMR

# 2429. Re: [T-368_BC-610] 610 mod's?

Yahoo group: T-368_BC-610
Date: 2005-11-08 16:33:47 UTC
From: Joe Foley
Topic: 2426  Message: 2429

Start in the "files" section of this mailing list.

http://groups.yahoo.com/group/T-368_BC-610/files/

Joe

--- W5OMR/Geoff <w5omr@...> wrote:

> Bill Harris wrote:
>
> >John, k4ozy mentioned he was considering Mod's for
> his E model. Where
> >does one go to peruse these Mod's? I have an old E
> model that I should
> >do something with besides collecting dust and
> spiders.
> >Carry_on
> >KXBill
> >
>
> http://www.google.come
>
> --
> -Geoff/W5OMR
>
>

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http://mail.yahoo.com

# 2430. Re: [T-368_BC-610] Digest Number 984/610 mods

Yahoo group: T-368_BC-610
Date: 2005-11-08 22:54:33 UTC
From: Bill Harris
Topic: 2430  Message: 2430

Thanks Dennis...Clicked on the "BC610" button in the TECH section. Came back "could not find page" Tried several search engines with the same results....
Later
KXBill

In a message dated 11/7/05 10:41:14 PM, KXB@... writes:

> John, k4ozy mentioned he was considering Mod's for his E model. Where
>> does one go to peruse these Mod's?
>>
>Check out <http://www.amwindow.org/> Click on TECH
>
>Dennis D. W7QHO
>Glendale, CA
>

# 2431. Re: [T-368_BC-610] Re: T-368 blowing AC breaker

Yahoo group: T-368_BC-610
Date: 2005-11-09 00:24:29 UTC
From: bflattrmpt@aol.com
Topic: 2393  Message: 2431

Jim, WB2FCN, is a great guy and was there helping when I put my T-368 on the air. Not to mention... he stopped over with donuts one day. Have fun.
Dave / KA2J

[Non-text portions of this message have been removed]

# 2432. Re: [T-368_BC-610] Re: T-368 blowing AC breaker

Yahoo group: T-368_BC-610
Date: 2005-11-09 11:32:05 UTC
From: Greg Carter
Topic: 2393  Message: 2432

Hey,
Are you out there Jim ?? You didn't bring doughnuts when you came to visit me ! What's up with that ???

73, Greg KX4R

----- Original Message -----
From: <bflattrmpt@...>
To: <jp@...>; <T-368_BC-610@yahoogroups.com>
Sent: Tuesday, November 08, 2005 7:24 PM
Subject: Re: [T-368_BC-610] Re: T-368 blowing AC breaker

> Jim, WB2FCN, is a great guy and was there helping when I put my T-368 on the
> air. Not to mention... he stopped over with donuts one day. Have fun.
> Dave / KA2J
>
>
> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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# 2433. Re: [T-368_BC-610] Re: T-368 blowing AC breaker

Yahoo group: T-368_BC-610
Date: 2005-11-09 12:25:25 UTC
From: James M. Walker
Topic: 2393  Message: 2433

Well Greg,
I figured you wouldn't want Donuts from New York! How are y'all
Doing out there in the Boonies? I have to drop in so I can climb the
tower and scan the Atlanta Skyline. Hello to Sundie.
Jim
WB2FCN

PS: Hey Dave, you retired yet?

----- Original Message -----
From: "Greg Carter" <kx4r@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Wednesday, November 09, 2005 6:32 AM
Subject: Re: [T-368_BC-610] Re: T-368 blowing AC breaker

> Hey,
> Are you out there Jim ?? You didn't bring doughnuts when you came to
visit
> me ! What's up with that ???
>
> 73, Greg KX4R
>
>
>
> ----- Original Message -----
> From: <bflattrmpt@...>
> To: <jp@...>; <T-368_BC-610@yahoogroups.com>
> Sent: Tuesday, November 08, 2005 7:24 PM
> Subject: Re: [T-368_BC-610] Re: T-368 blowing AC breaker
>
>
> > Jim, WB2FCN, is a great guy and was there helping when I put my T-368 on
> the
> > air. Not to mention... he stopped over with donuts one day. Have
fun.
> > Dave / KA2J
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> >
> > [Non-text portions of this message have been removed]
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# 2434. Re: [T-368_BC-610] How big a worry is oil leakage?

Yahoo group: T-368_BC-610
Date: 2005-11-09 23:27:59 UTC
From: Gene Beckwith
Topic: 2411  Message: 2434

Joe, and the T-3 group...

Have been busy too...so don't get to jump into the discussion .... but am Lurking...I guess...

But...the comment about opening the oil fill hole in an oil filled xfromer caught my attention....
I passed up a T-3 HV xformer over at Fair...a few years ago...because it was wet......I wasn't sure about it and didn't know how to check the oil level or determine just where the oil was coming from...and/or how much might have drained out...could have weighted it I guess....if I had brought it home...

If it was around one of the insulators...and if it were a do or die situation, the xfrmer could be inverted...terminals up...then design a way to hold it in place....but...

Would really appreciate any comments on "how to" unsolder that plug, and then resolver it....I've never seen it done, and haven't read anything about how...

Sure enjoy the chatter re our big Ts....even though I don't get too much chance to join in....

73,

Gene ...W8KXR

Joe Foley wrote:

>> When I do turn my attention to the T-3, how much
>>should I worry about finding the
>>exact source of the oil?
>>
>> If the unit otherwise operates OK, do I need to be
>>concerned that some past leak
>>has left one of the HV capacitors or one of the
>>pieces of "big iron" compromised
>>in a way that makes it more likely to fail and take
>>other important components with
>>it-- so that I should try to find the precise origin
>>of the oil?
>>
>>
>+++++++
>I would at least try to find where it is leaking, its
>not that hard to do. Just make a few drip pans out of

>plastic jugs, maybe 1 1/2" high, set them in the
>cabinet under all the oil-bearing equipment and see
>which ones catch drips.
>
>How much it leaks isn't as important as how long it
>has been leaking and how big the container is.
>
>Its no big deal to unsolder the fill-plug and peak
>inside the can. You can still get transformer oil,
>too, you might have to buy 5 gallons, but you can get
>it. I think I found it at $48/5 gal. which isn't all
>that bad to save a big transformer.
>
>Who's the transformer guy in Arizona? I asked him
>about making an air-cooled replacement for the Plate
>transformer for a T-368, he quoted me $400, I think,
>but I never sent him the measurements for the mounting
>holes. I also thought it would be nice if the HV
>terminals came out the side instead of the bottom, he
>said that wouldn't be a problem either.
>
>There should be plenty of room in the power supply
>drawer and air circulation should be sufficient for
>Amateur service, an air-cooled plate transformer
>should work in the T-3, it just needs to be tried and
>proven.
>
>Joe
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>_____
>Yahoo! FareChase: Search multiple travel sites in one click.
>http://farechase.yahoo.com
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[Non-text portions of this message have been removed]

# 2435. Re: How big a worry is oil leakage?

Yahoo group: T-368_BC-610
Date: 2005-11-10 00:06:35 UTC
From: redmenaced
Topic: 2411  Message: 2435

>
> Would really appreciate any comments on "how to" unsolder that plug,
and
> then resolver it....I've never seen it done, and haven't read anything
> about how...
++++++++++
Oh, I didn't realize it was a problem!

The fill and vent holes are small discs of the same steel that the box/container is made from, soldered in place and then the whole thing is painted at the factory.

To remove the disc I suppose it would be good to remove all the paint in the area which would reveal the solder seam, these are the two dimples in the top of ALL oil-filled containers, even the capacitors have them.

You'll need a good BIG soldering iron, probably 200 watts would be best, like the ones used to solder rain gutters together, it takes a lot of heat because of the amount of steel, and all the oil, sinking the heat away.

It really isn't that hard to do, if you can solder you know how to remove and replace these covers.

Joe

# 2436. Re: [T-368_BC-610] Re: How big a worry is oil leakage? (LONG)

Yahoo group: T-368_BC-610
Date: 2005-11-10 13:09:11 UTC
From: James M. Walker
Topic: 2436  Message: 2436

well yes and no there Joe, and list members
The large oil filled transformers in the units like the
T-368 and BC-610 various models, have holes in
the top, which is determined by the mounting orientation
of the transformer. As in terminals up or down mounting.
Usually a transformer that is mounted terminals down
will have the holes on the up side away from the chassis.

I think the best thing to do is first determine if possible
where the oil is coming from. In the case of the transformers
and some chokes, around the terminals you will find a
rubberized ring between the insulator and the metal of
the case, most of those on transformers are not to keep
the oil in the terminals are in a sealed area and no oil is
there. So no leakage around the terminals, however if the
leak is elsewhere the oil tends to migrate under the device
in question due to the space under the unit.

The power transformer and the choke when originally
shipped, had a flat washer for spacing between it and the
chassis, then under the chassis there was a flat washer and a
split washer and nut for holding the thing in place but mainly
to dampen the Hum generated by the transformer/choke
when current passes through it.

To determine where the leak is coming from, it is a standard
practice to give the chassis a "degreasing" to clean the oil
away, power it up and run it under load, and watch for air
bubble and oil on the pieces on the chassis. While that
sounds difficult, at Depot service it wasn't. they had test
fixtures for that sort of thing. it can be improvised by first
cleaning the chassis with 409, or your favorite cleaner. then
laying kleenex or puffs around the suspect parts, run the rig
for about ten minutes into a dummy load (big) and then inspect
the tissue.

As for the soldering aspect, I found opening the holes was the
most difficult, but once it is open then you can clean the surface
around it, refill the device and tin the top of the hole easy
enough. with the "button" out it is also easily tinned, then a 100
watt iron is all that is needed to get the two to seal properly.

Similar to soldering outside, in the rain/snow in New York
State.
YMMV
Jim

WB2FCN
----- Original Message -----
From: "redmenaced" <redmenaced@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Wednesday, November 09, 2005 7:06 PM
Subject: [T-368_BC-610] Re: How big a worry is oil leakage?

>
> >
> > Would really appreciate any comments on "how to" unsolder that plug,
> and
> > then resolver it....I've never seen it done, and haven't read anything
> > about how...
> ++++++++++
> Oh, I didn't realize it was a problem!
>
> The fill and vent holes are small discs of the same steel that the
> box/container is made from, soldered in place and then the whole thing
> is painted at the factory.
>
> To remove the disc I suppose it would be good to remove all the paint
> in the area which would reveal the solder seam, these are the two
> dimples in the top of ALL oil-filled containers, even the capacitors
> have them.
>
> You'll need a good BIG soldering iron, probably 200 watts would be
> best, like the ones used to solder rain gutters together, it takes a
> lot of heat because of the amount of steel, and all the oil, sinking
> the heat away.
>
> It really isn't that hard to do, if you can solder you know how to
> remove and replace these covers.
>
> Joe
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> Yahoo! Groups Links
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# 2437. Re: [T-368_BC-610] Re: How big a worry is oil leakage?

Yahoo group: T-368_BC-610
Date: 2005-11-10 14:04:02 UTC
From: Gene Beckwith
Topic: 2411  Message: 2437

Joe,

Thanks for the comments....I've seen such plugs for years...but didn't know if it was a weld dimple or just how it was assembled....dang, now I wish I had gambled on that xformer over at Fair, but that was several years ago.......grin...

Good to hear from you and suppose I now have to find a REALLY big Iron for that occsional repair....too bad these xformers and big caps aren't made with dip-sticks...sigh...

73,

Gene

redmenaced wrote:

>>Would really appreciate any comments on "how to" unsolder that plug,
>>
>>
>and
>
>
>>then resolver it....I've never seen it done, and haven't read anything
>>about how...
>>
>>
>++++++++++
>Oh, I didn't realize it was a problem!
>
>The fill and vent holes are small discs of the same steel that the
>box/container is made from, soldered in place and then the whole thing
>is painted at the factory.
>
>To remove the disc I suppose it would be good to remove all the paint
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[Non-text portions of this message have been removed]

# 2438. Clean BC-610 on Ebay (Wild)

Yahoo group: T-368_BC-610
Date: 2005-11-10 15:07:59 UTC
From: James M. Walker
Topic: 2438  Message: 2438

Well,
It had to happen sooner or later. Yet another "Beast" has
risen from the darkness. "Man what a price" Status unknown
but it might be worth putting on the air if the price came down.
Ebay item number 5828844194
I wonder if he will get any takers.
Jim
WB2FCN

# 2439. Re: [T-368_BC-610] Clean BC-610 on Ebay (Wild)

Yahoo group: T-368_BC-610
Date: 2005-11-10 16:06:58 UTC
From: Tom Norris
Topic: 2438  Message: 2439

With some folks selling shiny R-390A's for that price or
better, it may *very well* fetch that price.

It does look really nice and does appear to be somewhat
complete.

Tom NU4G

On Nov 10, 2005, at 9:07 AM, James M. Walker wrote:

> Well,
> It had to happen sooner or later. Yet another "Beast" has
> risen from the darkness. "Man what a price" Status unknown
> but it might be worth putting on the air if the price came down.
> Ebay item number 5828844194
> I wonder if he will get any takers.
> Jim
> WB2FCN
>
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>
> YAHOO! GROUPS LINKS
>
> Visit your group "T-368_BC-610" on the web.
>
> To unsubscribe from this group, send an email to:
> T-368_BC-610-unsubscribe@yahoogroups.com
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>

# 2440. Re: [T-368_BC-610] Clean BC-610 on Ebay (Wild)

Yahoo group: T-368_BC-610
Date: 2005-11-10 20:29:01 UTC
From: doran platt
Topic: 2438  Message: 2440

I am certain that particular BC-610, with all accessories, sold this year at the Gaithersburg Hamfest for $400. A known tube dealer bought it. The seller was really upset when he was told that it went to a re-seller. It was supposed to be sold to an end-user/collector, not to generate revenue. The unit came from a Govt. lab and had, we were told, been sitting for years in dry storage. It IS a very fine unit, to be sure. I (and a few others) were about 30 minutes too late!!!.

>

[Non-text portions of this message have been removed]

# 2441. Re: [T-368_BC-610] Clean BC-610 on Ebay (Wild)

Yahoo group: T-368_BC-610
Date: 2005-11-10 21:28:43 UTC
From: Tom Norris
Topic: 2438  Message: 2441

I wonder what the seller will say if asked?
Someone has already asked what numbers were
on the coils and plugins and told to "do your research!"

Hmmmmm

Tom NU4G

On Nov 10, 2005, at 2:29 PM, doran platt wrote:

> I am certain that particular BC-610, with all accessories, sold this
> year at the Gaithersburg Hamfest for $400. A known tube dealer bought
> it. The seller was really upset when he was told that it went to a
> re-seller. It was supposed to be sold to an end-user/collector,
> not to
> generate revenue. The unit came from a Govt. lab and had, we were
> told,
> been sitting for years in dry storage. It IS a very fine unit, to be
> sure. I (and a few others) were about 30 minutes too late!!!.
>
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> [Non-text portions of this message have been removed]
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>
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> Fm radio transmitter Military surplus stores Radio transmitters
>
> YAHOO! GROUPS LINKS
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> Visit your group "T-368_BC-610" on the web.
>
> To unsubscribe from this group, send an email to:
> T-368_BC-610-unsubscribe@yahoogroups.com
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
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>

# 2442. Re: [T-368_BC-610] Clean BC-610 on Ebay (Wild)

Yahoo group: T-368_BC-610
Date: 2005-11-10 21:36:32 UTC
From: w4awm@aol.com
Topic: 2438  Message: 2442

The actual price was $500.00 and that included delivery to Fairfax, VA. I know the purchasers name if you want to deal with him. I think he was mainly after the tubes since he usually deals with tubes and stereo gear. I don't think he is a ham. If it will make you feel any better, probably a dozen folks, including myself had a shot at the rig. If I had the room, I certainly would have grabbed it. As far as I can tell, the only bottle missing was the 250TH final.

73,

John, W4AWM

[Non-text portions of this message have been removed]

# 2443. Re: [T-368_BC-610] Clean BC-610 on Ebay (Wild)

Yahoo group: T-368_BC-610
Date: 2005-11-10 22:02:52 UTC
From: w4awm@aol.com
Topic: 2438  Message: 2443

That is definately the Gaithersburg rig. I notice he put a new 250TH in it. Notice how shiny it is compared to all the other tubes. Unfortunately, he is probably going to get his price and more. I just hope the winning bidder will put it on the air where it belongs.

73,

John, W4AWM

[Non-text portions of this message have been removed]

# 2444. Re: [T-368_BC-610] Clean BC-610 on Ebay (Wild)

Yahoo group: T-368_BC-610
Date: 2005-11-11 06:09:21 UTC
From: RJ Mattson
Topic: 2438  Message: 2444

It looks re-painted?
I'll sell my better looking/working BC-610I, correct speech amp, 160-40m
TU's, PA coils and atu for that price.
bob...w2ami

----- Original Message -----
From: <w4awm@...>
To: <r390a@...>
Cc: <T-368_BC-610@yahoogroups.com>
Sent: Thursday, November 10, 2005 5:02 PM
Subject: Re: [T-368_BC-610] Clean BC-610 on Ebay (Wild)

Unfortunately, he is
> probably going to get his price and more. I just hope the winning bidder
> will
> put it on the air where it belongs.
> 73, > John, W4AWM

# 2445. Re: [T-368_BC-610] Clean BC-610 on Ebay (Wild)

Yahoo group: T-368_BC-610
Date: 2005-11-11 15:52:22 UTC
From: w4awm@aol.com
Topic: 2438  Message: 2445

Hi Bob,

I have seen this baby in person and don't believe is has been repainted. The top and sides have some scratches and dirt but no evident corrosion or dents inside or out. It is dusty inside, but nothing a damp rag will not make short work of and it is MFPed so things are in really nice condition.

I have no connection with the seller.

73,

John

[Non-text portions of this message have been removed]

# 2446. Re: [T-368_BC-610] Clean BC-610 on Ebay (Wild)

Yahoo group: T-368_BC-610
Date: 2005-11-11 21:12:55 UTC
From: John Page
Topic: 2438  Message: 2446

Just wondering. If you have seen it in person, did it come from a government installation as stated by one member here. Or did it come from a school basement as stated by the seller? John

John Page K4KWM
Hollow State since 1953
(ex W8PKU,N8BLB,NA8O)

>From: w4awm@...
>To: rjmattson@...
>CC: T-368_BC-610@yahoogroups.com
>Subject: Re: [T-368_BC-610] Clean BC-610 on Ebay (Wild)
>Date: Fri, 11 Nov 2005 10:52:22 EST
>
>Hi Bob,
>
>I have seen this baby in person and don't believe is has been repainted.
>The
>top and sides have some scratches and dirt but no evident corrosion or
>dents
>inside or out. It is dusty inside, but nothing a damp rag will not make
>short
>work of and it is MFPed so things are in really nice condition.
>
>I have no connection with the seller.
>
>73,
>
>John
>
>
>[Non-text portions of this message have been removed]
>

# 2447. Re: [T-368_BC-610] Clean BC-610 on Ebay (Wild)

Yahoo group: T-368_BC-610
Date: 2005-11-11 23:08:37 UTC
From: w4awm@aol.com
Topic: 2438  Message: 2447

Hi John,

I saw it in person and looked at it very closely. I really wanted it and had the money, but I somply have no room left for something that large and the weight makes it near impossible to move around, even with the included rollers.

The seller stated that it was in a lab where he worked and was used to drive some kind of industrial heating equipment. Outside of some scratches on the top and sides, it was exceptional. The front panel was excellent but there was some question about one of the meters which did not look standard. Not being that familiar with that particular model, I can't say. It was definately nice. The 250TH was missing and the auction seller, who deals in tubes and hi fi gear, appears to have installed a new tube in it. Notice how shiney it is compared to all the others in the photos.

73,

John

[Non-text portions of this message have been removed]

# 2448. BC-610 MODULATION

Yahoo group: T-368_BC-610
Date: 2005-11-11 23:33:15 UTC
From: Norman & Barbara Ray
Topic: 2448  Message: 2448

I have been exploring some changes in the modulation output circuit. I would like to lift the HV off the modulation transformer using a choke to feed the modulated signal to the 250TH and Isolating the transformer with a capacitor. This scheme was used in some broadcast transmitters to improved phase-shift characteristics and low frequency response. My "senior Citizen" memory seems to recall using a high inductance (25-35 hy) and a couple of mikes of oil filter capacitor.

Any experience out there/

I have a Stancor C-1415 choke which I am sure is in the 10hy range but can't find it in my Stancor catalog. I also have an extra power supply deck which has the 11hy choke, but I am sure one would want an audio reactor of higher value.

Been mulling this over in my mind while watching the TV waste land.

Any Thoughts?

Norm W7LFA

[Non-text portions of this message have been removed]

# 2449. Re: [T-368_BC-610] BC-610 MODULATION

Yahoo group: T-368_BC-610
Date: 2005-11-12 01:36:54 UTC
From: w4awm@aol.com
Topic: 2448  Message: 2449

Stancor C-1415:

6Hy, 500Ma, DC resistance 75 Ohms, 7.5KV insulation, Vertical mount with lugs, side terminal connections.

73,

John, W4AWM

[Non-text portions of this message have been removed]

# 2450. Re: [T-368_BC-610] BC-610 MODULATION

Yahoo group: T-368_BC-610
Date: 2005-11-12 03:49:46 UTC
From: W5OMR/Geoff
Topic: 2448  Message: 2450

w4awm@... wrote:

>Stancor C-1415:
>
>6Hy, 500Ma, DC resistance 75 Ohms, 7.5KV insulation, Vertical mount with
>lugs, side terminal connections.
>
>73,
>
>John, W4AWM
>

The rule of thumb on using a reactor to shunt the DC off of the
secondary of the modulation transformer, is 8HY per 1000ohms of Z in the
final.

Z = Vp / Ip
in a '610, that's roughly
Z = 2500v / 250mA
Z = 10k Ohms

L = 8Hy per 1000 ohms
L = 80Hy @ (at least) 300mA.

Hard to find one choke, with that value. It's not a problem to string a
few chokes together, just watch out for the total DC resistance.

In my Homebrew rig, I've got 8 10Hy chokse @ 500mA in series with the B+
line to the final, from the power supply.
One side of the modulation transformer secondary is tied to ground.
The other side of the modulatoins transfomer secondary is tied to 1 side
of a 4uF choke @ 4kVDC
The other side of the cap is connected to the final DC input line (final
side of the choke).

Hope that helps.

---
73 = Best Regards,
-Geoff/W5OMR

# 2451. Re: [T-368_BC-610] BC-610 MODULATION

Yahoo group: T-368_BC-610
Date: 2005-11-12 04:21:42 UTC
From: wa5cab@cs.com
Topic: 2448  Message: 2451

That's all mostly true (except that B+ in a BC-610 in Voice mode is 2150VDC). But why would anyone want to do this to any self respecting BC-610? In the first place you can't legally take advantage of it. And in the second place, they sound just fine the way that they were built.

In a message dated 11/11/2005 9:50:37 PM Central Standard Time,
w5omr@... writes:
> The rule of thumb on using a reactor to shunt the DC off of the
> secondary of the modulation transformer, is 8HY per 1000ohms of Z in the
> final.
>
> Z = Vp / Ip
> in a '610, that's roughly
> Z = 2500v / 250mA
> Z = 10k Ohms
>
> L = 8Hy per 1000 ohms
> L = 80Hy @ (at least) 300mA.
>
> Hard to find one choke, with that value. It's not a problem to string a
> few chokes together, just watch out for the total DC resistance.
>

Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2452. FS: LINEMAN'S AC Multirange Voltmeter

Yahoo group: T-368_BC-610
Date: 2005-11-12 14:10:53 UTC
From: bcarling@cfl.rr.com
Topic: 2452  Message: 2452

FOR SALE:
Westinghouse Lineman's Multirange AC Voltmeter</b>
- in Leather Case.
Measures 0-150V AC, 300V AC and 600V AC ranges.
Very cool in its nice old leather case with test
leads.
Available for $12.00 plus shipping.

# 2453. MODULATION QUERY EXPLAINED

Yahoo group: T-368_BC-610
Date: 2005-11-12 18:06:11 UTC
From: Norman & Barbara Ray
Topic: 2453  Message: 2453

No one is more concerned about changing the configuration of "historical jewels" or more tragic is the physical changes that can not be reversed than I.

That said.....the BC-610E that I restored had a blown modulation transformer. I have talked with numerous owners and many have indicated that they also had blown theirs. They maintain that they were very careful in transmitting under the specifications including proper limiter settings.

Keeping in my tradition to maintain these rigs for future generations, I felt it was prudent to explore means to accomplish this.

Since the use of a choke is considered good engineering practice in the broadcast business, I had further stimulation to explore their use in the BC-610.

I guess, each to their own. I do thank those who shared their experience both on the reflector and off.

LONG LIVE THE BC-610 ***.

Norm W7LFA

[Non-text portions of this message have been removed]

# 2454. Re: [T-368_BC-610] MODULATION QUERY EXPLAINED

Yahoo group: T-368_BC-610
Date: 2005-11-13 02:43:41 UTC
From: W5OMR/Geoff
Topic: 2453  Message: 2454

Norman & Barbara Ray wrote:

>No one is more concerned about changing the configuration of "historical jewels" or more tragic is the physical changes that can not be reversed than I.
>
>That said.....the BC-610E that I restored had a blown modulation transformer. I have talked with numerous owners and many have indicated that they also had blown theirs. They maintain that they were very careful in transmitting under the specifications including proper limiter settings.
>
>Keeping in my tradition to maintain these rigs for future generations, I felt it was prudent to explore means to accomplish this.
>
>Since the use of a choke is considered good engineering practice in the broadcast business, I had further stimulation to explore their use in the BC-610.
>
>I guess, each to their own. I do thank those who shared their experience both on the reflector and off.
>
>LONG LIVE THE BC-610 ***.
>
>Norm W7LFA
>

Isolate the transformer off of ground, and try it again. If it's still shorted, then short the one side of the secondary to ground. leave the transformer above ground. The short-to-case may be in the primary. It may only be a HV short (like mine is).
No B+, no short. No problem ;-)

---
-Geoff/w5omr

# 2455. Re: [T-368_BC-610] 610 mod's?

Yahoo group: T-368_BC-610
Date: 2005-11-14 21:04:50 UTC
From: rbethman@comcast.net
Topic: 2426  Message: 2455

Look folks,

Don't modify the BC-610s, PLEASE!

First, they already do a VERY fine job. The modulation transformer have a frequency response from 200 cycles to 3000 cycles.

I have to keep mine throttled down to keep it within LEGAL limits! When properly loaded, AND carefully watching the Bird 43 with peak reading ability, I see it running into the 2500 W zone.

I like my hobby and license, so I throttle them back to keep both.

The audio sounds great both by monitoring my OWN signal, and by reports from others!

Remember! We are only the current caretakers of these magnificent radios! They will NEVER be made again!

Bob - N0DGN

> 
> In a message dated 11/7/05 10:41:14 PM, KXB@... writes:
> 
> 
> > John, k4ozy mentioned he was considering Mod's for his E model. Where
> > does one go to peruse these Mod's?
> >
> 
> Check out <http://www.amwindow.org/> Click on TECH
> 
> Dennis D. W7QHO
> Glendale, CA
> 
> 
> [Non-text portions of this message have been removed]
> 
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> 
> 
> Yahoo! Groups Links
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>

# 2456. Re: [T-368_BC-610] 610 mod's?

Yahoo group: T-368_BC-610
Date: 2005-11-14 22:17:57 UTC
From: w7qho@aol.com
Topic: 2426  Message: 2456

In a message dated 11/14/05 1:05:08 PM, rbethman@... writes (in part):

> Don't modify the BC-610s, PLEASE!.................
>

Note that I was referenced in Bob's e-mail (see above). I share his antipathy in regard to modifying fine old classic rigs such as the BC-610 and completely agree that the 610 works very well as-is. However, the old rig isn't perfect and there are some non-mutilating, easily reversible changes that are worth incorporating. As an example, the carrier hum and frequency drift many 610s exhibit when operating in the MO mode can be virtually eliminated by a few internal component additions, see N6PY's articles in recent issues of Electric Radio.

Where one draws the line is an individual judgment, of course. Don't guess I would incorporate a modulation reactor into either a BC-610 or T368 and don't see how this would be possible internally in any case. (But, might be fun to add one outboard temporarily to see if this really gives any improvement.) If faced with a blown mod or power transformer, though, I wouldn't hesitate to install a non-original replacement to keep the equipment on the air. Ditto "Orange Drop" and other modern replacement components. Kinda the same thing as getting an artificial knee or an organ transplant to keep my old carcass running a while longer.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2457. Interesting auction

Yahoo group: T-368_BC-610
Date: 2005-11-23 23:17:09 UTC
From: redmenaced
Topic: 2457  Message: 2457

Anyone here buy a new T-3?

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=5830171419&indexURL=3#ebayphotohosting

# 2458. Re: [T-368_BC-610] Interesting auction

Yahoo group: T-368_BC-610
Date: 2005-11-24 00:31:46 UTC
From: K3PID
Topic: 2457  Message: 2458

Not Me! The $1500 doesn't seem too far out of line but think about the freight!!!

K3PID
Ron H.
----- Original Message -----
From: redmenaced
To: T-368_BC-610@yahoogroups.com
Sent: Wednesday, November 23, 2005 5:17 PM
Subject: [T-368_BC-610] Interesting auction

Anyone here buy a new T-3?

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=5830171419&indexURL=3#ebayphotohosting

---
YAHOO! GROUPS LINKS

a.. Visit your group "T-368_BC-610" on the web.

b.. To unsubscribe from this group, send an email to:
T-368_BC-610-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

---

[Non-text portions of this message have been removed]

# 2459. Re: [T-368_BC-610] Interesting auction

Yahoo group: T-368_BC-610
Date: 2005-11-24 00:59:06 UTC
From: Polaraligned
Topic: 2457  Message: 2459

3 years ago I bought one off of E-pay for $800 and it was in fine condition.
Was able to drive to pick it up. Glad I made the investment.

Scott

----- Original Message -----
From: K3PID
To: T-368_BC-610@yahoogroups.com
Sent: Wednesday, November 23, 2005 7:31 PM
Subject: Re: [T-368_BC-610] Interesting auction

Not Me! The $1500 doesn't seem too far out of line but think about the freight!!!

K3PID
Ron H.
----- Original Message -----
From: redmenaced
To: T-368_BC-610@yahoogroups.com
Sent: Wednesday, November 23, 2005 5:17 PM
Subject: [T-368_BC-610] Interesting auction

Anyone here buy a new T-3?

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=5830171419&indexURL=3#ebayphotohosting

[Non-text portions of this message have been removed]

# 2460. Re: [T-368_BC-610] Interesting auction

Yahoo group: T-368_BC-610
Date: 2005-11-24 01:03:45 UTC
From: rod hart
Topic: 2457  Message: 2460

Isn't the seller paying shipping charges?

Rod Hart
WA3MEZ
----- Original Message -----
From: K3PID
To: T-368_BC-610@yahoogroups.com
Sent: Wednesday, November 23, 2005 7:31 PM
Subject: Re: [T-368_BC-610] Interesting auction

Not Me! The $1500 doesn't seem too far out of line but think about the freight!!!

K3PID
Ron H.
----- Original Message -----
From: redmenaced
To: T-368_BC-610@yahoogroups.com
Sent: Wednesday, November 23, 2005 5:17 PM
Subject: [T-368_BC-610] Interesting auction

Anyone here buy a new T-3?

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=5830171419&indexURL=3#ebayphotohosting

---
YAHOO! GROUPS LINKS

a.. Visit your group "T-368_BC-610" on the web.

b.. To unsubscribe from this group, send an email to:
T-368_BC-610-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

---

[Non-text portions of this message have been removed]

---
YAHOO! GROUPS LINKS

a.. Visit your group "T-368_BC-610" on the web.

b.. To unsubscribe from this group, send an email to:
T-368_BC-610-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

---

[Non-text portions of this message have been removed]

# 2461. Re: [T-368_BC-610] Interesting auction

Yahoo group: T-368_BC-610
Date: 2005-11-24 01:32:19 UTC
From: Joe Foley
Topic: 2457  Message: 2461

--- rod hart <rwhart@...> wrote:

> Isn't the seller paying shipping charges?
+++++++++
He said within a reasonable radius, I can't believe
that would be very far though.

Joe

_____
Yahoo! Mail - PC Magazine Editors' Choice 2005
http://mail.yahoo.com

# 2462. Re: [T-368_BC-610] Interesting auction

Yahoo group: T-368_BC-610
Date: 2005-11-24 01:35:35 UTC
From: Joe Foley
Topic: 2457  Message: 2462

Nice pictures of the unit, too. But did anyone catch
the dangerous problem shown in one of them?

Joe

--- Polaraligned <polaraligned@...> wrote:

> 3 years ago I bought one off of E-pay for $800 and
> it was in fine condition.
> Was able to drive to pick it up. Glad I made the
> investment.

_____
Yahoo! Music Unlimited
Access over 1 million songs. Try it free.
http://music.yahoo.com/unlimited/

# 2463. Re: [T-368_BC-610] Interesting auction

Yahoo group: T-368_BC-610
Date: 2005-11-24 02:13:32 UTC
From: w7qho@aol.com
Topic: 2457  Message: 2463

In a message dated 11/23/05 3:37:03 PM, redmenaced@... writes:

> Anyone here buy a new T-3?
>
>
> http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=5830171419&
> indexURL=3#ebayphotohosting
>
>
>

Looks like an example of the Basic (original) model.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2464. Re: [T-368_BC-610] Interesting auction

Yahoo group: T-368_BC-610
Date: 2005-11-24 02:23:28 UTC
From: w7qho@aol.com
Topic: 2457  Message: 2464

In a message dated 11/23/05 5:36:07 PM, redmenaced@... writes:

> But did anyone catch
> the dangerous problem shown in one of them?
>

You mean what looks like a dinky little line cord on the PS?

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2465. Re: [T-368_BC-610] T-368 blowing AC breaker

Yahoo group: T-368_BC-610
Date: 2005-11-24 14:12:46 UTC
From: Gene Beckwith
Topic: 2393  Message: 2465

Gents,

Re use of RG for HV use...I have a Heathkit "Chippewa" Linear....using a pair of 4-400s....the power supply is a separate 'hundred pounder' with a huge oil filled HV xformer....shades to the T-3; it uses coax for the HV run to the RF deck....

I haven't used this amp in many years...but it is coming up in the Q for rehab. I always wondered about the coax usage for the HV....and in the context of the Johnson 500 that uses 'wimpy' line that has only a braided shield on relatively light weight conductor for its single 4-400...??

I don't recall just what connectors are on the Chippewa HV line but I think they are N type connectors....I'll take a look at this based on the discussion of moving HV from point to point....in any event...that amp did a great job and ran without problems for many years until travel put it into storage...

Great discussion...and new interest in checking out the 'old' techniques that appear to still be the way to go...might be worth up grading the Viking 500 to coax...in the interest of pure safety...

73,

Gene
W8KXR

Tom Norris wrote:

>I've got to speak up on RG-8. Some of our older HV DC power supplies
>in our lab use RG-8 as the HV leads. This includes our 60's era 30
>kV supply (Sorenson, I don't remember) While I don't remember the
>particular brand, I do remember when rebuilding it the manual
>specified RG-8 as the cabling. It used the shield for electrostatic
>shielding. Worked well, calibrated to spec, passed all safety tests,
>etc. I've been on leave a bit over a year and a half, and I used it
>shortly beforehand with no explosions.
>HOWEVER the item it was used to calibrate was a fairly low
>resistance. Is 10 megs low for 30 kV?
>
>Tom
>
>
>On Nov 4, 2005, at 10:55 AM, Bill Riches wrote:
>
>

>
>>I am wrong- according to Belden's web site RG8X is rated for 300V
>>RMS - no
>>dc rating and talking with their rep there is no dc rating. RG8 is
>>rated
>>for 600 V RMS but we all have used it at 2.5 kv with out it blowing
>>up.
>>
>>73,
>>
>>Bill Riches, WA2DVU
>>Cape May, NJ
>>
>>
>
>
>
>
>Yahoo! Groups Links
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[Non-text portions of this message have been removed]

# 2466. RG8 as high voltage feed

Yahoo group: T-368_BC-610
Date: 2005-11-24 16:25:51 UTC
From: K3PID
Topic: 2466  Message: 2466

I've used RG8 successfully as have others. I've even used it underground to supply pulsed 2500 volts to an electric fence. I see ratings for RG8 ranging from 4Kv to 6 Kv. RG8x is much lower. Grounding the shield creates a more uniform field and thus reduces the chance of a corona discharge. Here is an interesting discussion on the subject but I am not sure of the writers credentials :>)

http://home.earthlink.net/~jimlux/hv/hvwire.htm

K3PID
Ron H.

[Non-text portions of this message have been removed]

# 2467. Removing insulator ring from plate current meter- T-368

Yahoo group: T-368_BC-610
Date: 2005-11-26 17:53:44 UTC
From: Dudley Parkin
Topic: 2467  Message: 2467

Hello all have finished making mods to remove hi-voltage from pi-net work, would like to remove insulator ring from plate current meter and redrill front to move meter forward, Has anyone done this and any other things to look for, thanks Dudley W5DUD

# 2468. Re: [T-368_BC-610] Removing insulator ring from plate current meter-T-368

Yahoo group: T-368_BC-610
Date: 2005-11-27 04:20:46 UTC
From: James M. Walker
Topic: 2467  Message: 2468

Hi Dudley,
If the plate current meter is still in the plate circuit, and you remove the insulator ring, and the meter circuit goes west, it will develop a direct short to ground on the HV supply, resulting in a loud bang, (don't
ask) followed by circuit breakers tripping, followed by much wailing and gnashing of teeth. Also words of an unsavory type will be forthcoming.

That insulator is an important part and unless you have a meter that won't pop unexpectedly, you might want to leave it in.

YMMV
Jim
WB2FCN
http://eshop1.chem.buffalo.edu

Dudley Parkin wrote:
>
> Hello all have finished making mods to remove hi-voltage from pi-net
> work, would like to remove insulator ring from plate current meter and
> redrill front to move meter forward, Has anyone done this and any
> other things to look for, thanks Dudley W5DUD
>
>
>
> Yahoo! Groups Links
>
>
>
>

# 2469. Re: [T-368_BC-610] Removing insulator ring from plate current meter-T-368

Yahoo group: T-368_BC-610
Date: 2005-11-27 05:03:03 UTC
From: wa5cab@cs.com
Topic: 2469  Message: 2469

Dudley,

I read this original post earlier today but aside from thinking briefly "another unnecessary modification" and not saving the message, the consequences of the question didn't register. But Jim is right. I don't know what modification you made to remove B+ from L2 (or why). But unless you changed the PA plate current meter to be a cathode current meter or just disconnected it, it still has to have B+ on it.

In a message dated 11/26/2005 10:22:56 PM Central Standard Time,
chejmw@... writes:
> Hi Dudley,
> If the plate current meter is still in the plate circuit, and you remove
> the insulator ring, and the meter circuit goes west, it will develop a
> direct short to ground on the HV supply, resulting in a loud bang,
> (don't
> ask) followed by circuit breakers tripping, followed by much wailing and
> gnashing of teeth. Also words of an unsavory type will be forthcoming.
>
> That insulator is an important part and unless you have a meter that
> won't pop unexpectedly, you might want to leave it in.
>
> YMMV
> Jim
> WB2FCN
> http://eshop1.chem.buffalo.edu
>
>
> Dudley Parkin wrote:
> >
> >Hello all have finished making mods to remove hi-voltage from pi-net
> >work, would like to remove insulator ring from plate current meter and
> >redrill front to move meter forward, Has anyone done this and any
> >other things to look for, thanks Dudley W5DUD
>

73
Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2470. FS: B&K Compressor Amplifier

Yahoo group: T-368_BC-610
Date: 2005-11-27 18:30:01 UTC
From: Brian Carling
Topic: 2470  Message: 2470

FOR SALE:

B&K Model CA-300 Compressor-Amplifier -
transistorized.
Neat little package great for processing AM speech
envelope for greater talk power.
I think this may also be a limiter.
Has two adjustment controls on the front panel for
compression, level,
and on-off switch. Neat little green cabinet with
rubber feet.
Input jack uses a large 4-pin female connector and
the output is via a shelded cable with a male 4-
pin connector. Uses 9V Battery.
Available for $25.00 plus shipping.

# 2471. FS: BNC Cables

Yahoo group: T-368_BC-610
Date: 2005-11-27 20:33:18 UTC
From: Brian Carling
Topic: 2471  Message: 2471

FOR SALE:
(just found these)

Brand new professional quality BNC cables.
Ideal for lab, testing or RF applications.
Male BNC to BNC cable with black shielded cable.

QTY 8 - Length 6 feet - $4.00 each
QTY 2 - Length 12 feet - $5.00 each
QTY 3 - Length 14 feet - $6.00 each

All the above for $40.00 plus shipping

See: http://www.af4k.com/miscpart.htm

# 2472. Re: [T-368_BC-610] Removing insulator ring from plate current meter-T-368

Yahoo group: T-368_BC-610
Date: 2005-11-27 22:36:06 UTC
From: Joe Foley
Topic: 2469  Message: 2472

No one replied to my question about what was wrong
with the T-368 that sold on E-bay recently!!

Must be no one saw it, or no one looked.

The insulator on the PA Current meter was MISSING!
The meter was mounted directly to the fron panel.

Joe

--- wa5cab@... wrote:

> Dudley,
>
> I read this original post earlier today but aside
> from thinking briefly
> "another unnecessary modification" and not saving
> the message, the consequences of
> the question didn't register. But Jim is right. I
> don't know what
> modification you made to remove B+ from L2 (or why).
> But unless you changed the PA
> plate current meter to be a cathode current meter or
> just disconnected it, it
> still has to have B+ on it.
>
> In a message dated 11/26/2005 10:22:56 PM Central
> Standard Time,
> chejmw@... writes:
> > Hi Dudley,
> > If the plate current meter is still in the plate
> circuit, and you remove
> > the insulator ring, and the meter circuit goes
> west, it will develop a
> > direct short to ground on the HV supply, resulting
> in a loud bang,
> > (don't
> > ask) followed by circuit breakers tripping,
> followed by much wailing and
> > gnashing of teeth. Also words of an unsavory type
> will be forthcoming.
> >
> > That insulator is an important part and unless you
> have a meter that
> > won't pop unexpectedly, you might want to leave it

> in.
> >
> > YMMV
> > Jim
> > WB2FCN
> > http://eshop1.chem.buffalo.edu
> >
> >
> > Dudley Parkin wrote:
> > >
> > >Hello all have finished making mods to remove
> hi-voltage from pi-net
> > >work, would like to remove insulator ring from
> plate current meter and
> > >redrill front to move meter forward, Has anyone
> done this and any
> > >other things to look for, thanks Dudley W5DUD
> >
>
> 73
> Robert Downs - Houston
> <http://www.wa5cab.com> (Web Store)
> MVPA 9480
> <wa5cab@...> (Primary email)
> <wa5cab@...> (Backup email)
>
>
> [Non-text portions of this message have been
> removed]
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>

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Yahoo! Mail - PC Magazine Editors' Choice 2005
http://mail.yahoo.com

# 2473. Re: [T-368_BC-610] Removing insulator ring from plate current meter-T-368

Yahoo group: T-368_BC-610
Date: 2005-11-27 22:55:36 UTC
From: doran platt
Topic: 2469  Message: 2473

The owner may have shifted the metering over to the center tap of the xformer. The meter doesn't need insulating then.

Joe Foley wrote:

> No one replied to my question about what was wrong
> with the T-368 that sold on E-bay recently!!
>
> Must be no one saw it, or no one looked.
>
> The insulator on the PA Current meter was MISSING!
> The meter was mounted directly to the fron panel.
>
> Joe
>
>
>

[Non-text portions of this message have been removed]

# 2474. Re: [T-368_BC-610] Removing insulator ring from plate current meter-T-368

Yahoo group: T-368_BC-610
Date: 2005-11-27 23:07:00 UTC
From: wa5cab@cs.com
Topic: 2467  Message: 2474

The answer is only of theoretical interest as I don't have a T-368 (and triodes don't have screen grids). But how does the screen current of a 4-400A tetrode vary as you tune the plate through resonance? Murphy being as he is, I'd expect it not to track the plate current. :-)

In a message dated 11/27/2005 4:52:52 PM Central Standard Time, jeepp@... writes:
> The owner may have shifted the metering over to the center tap of the
> xformer. The meter doesn't need insulating then.
>
> Joe Foley wrote:
>
> >No one replied to my question about what was wrong
> >with the T-368 that sold on E-bay recently!!
> >
> >Must be no one saw it, or no one looked.
> >
> >The insulator on the PA Current meter was MISSING!
> >The meter was mounted directly to the fron panel.
> >
> >Joe

Robert & Susan Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2475. Re: [T-368_BC-610] Removing insulator ring from plate current meter-T-368

Yahoo group: T-368_BC-610
Date: 2005-11-28 03:10:12 UTC
From: James M. Walker
Topic: 2467  Message: 2475

I noticed it Joe, and I bid on the unit, however I also have the correct meter with the insulator ring, as I figured it would be no problem.

I exceeded my own recommendations and bid TOO MUCH, I didn't win and I think that is a good thing. Since I would have had to drive to GA. to pick it up and drive back. He mentioned some mods but wasn't specific when I asked about them. I was looking for one that hasn't been severely modified as I want one for RTTY use with my R-390As and CV-116 and the MD-239 one nice setup solely for RTTY use, with the CV-116 giving dual diversity on receive if you have two antennas feeding the receivers.

I couldn't make out the strangeness of the power supply so after I was out bid I forgot about it. Nice chunk missing from the bottom of the modulator face though, can't quite make it out if it was bad or not.

The meter looks like the correct value, but unless it is in the cathode I would definitely change it back to original form.
FWIW YMMV
Jim
WB2FCN

Joe Foley wrote:
>
> No one replied to my question about what was wrong
> with the T-368 that sold on E-bay recently!!
>
> Must be no one saw it, or no one looked.
>
> The insulator on the PA Current meter was MISSING!
> The meter was mounted directly to the fron panel.
>
> Joe
>
> --- wa5cab@... wrote:
>
> > Dudley,
> >
> > I read this original post earlier today but aside
> > from thinking briefly
> > "another unnecessary modification" and not saving
> > the message, the consequences of
> > the question didn't register. But Jim is right. I
> > don't know what
> > modification you made to remove B+ from L2 (or why).
> > But unless you changed the PA

> > plate current meter to be a cathode current meter or
> > just disconnected it, it
> > still has to have B+ on it.
> >
> > In a message dated 11/26/2005 10:22:56 PM Central
> > Standard Time,
> > chejmw@... writes:
> > > Hi Dudley,
> > > If the plate current meter is still in the plate
> > circuit, and you remove
> > > the insulator ring, and the meter circuit goes
> > west, it will develop a
> > > direct short to ground on the HV supply, resulting
> > in a loud bang,
> > > (don't
> > > ask) followed by circuit breakers tripping,
> > followed by much wailing and
> > > gnashing of teeth. Also words of an unsavory type
> > will be forthcoming.
> > >
> > > That insulator is an important part and unless you
> > have a meter that
> > > won't pop unexpectedly, you might want to leave it
> > in.
> > >
> > > YMMV
> > > Jim
> > > WB2FCN
> > > http://eshop1.chem.buffalo.edu
> > >
> > >
> > > Dudley Parkin wrote:
> > > >
> > > >Hello all have finished making mods to remove
> > hi-voltage from pi-net
> > > >work, would like to remove insulator ring from
> > plate current meter and
> > > >redrill front to move meter forward, Has anyone
> > done this and any
> > > >other things to look for, thanks Dudley W5DUD
> > >
> >
> > 73
> > Robert Downs - Houston
> > <http://www.wa5cab.com> (Web Store)
> > MVPA 9480
> > <wa5cab@...> (Primary email)
> > <wa5cab@...> (Backup email)
> >
> >

> > [Non-text portions of this message have been
> > removed]
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# 2476. Re: [T-368_BC-610] Removing insulator ring from plate current meter-T-368

Yahoo group: T-368_BC-610
Date: 2005-11-28 03:15:21 UTC
From: James M. Walker
Topic: 2467  Message: 2476

As for tracking the plate/screen currents are not separated as much as
one might think, and the plate voltage is dropped through 80K 200 watts
and then applied to the screen of the 4-400A, works quite well and it
gets a little of the modulation as well that way. The answer is not
much.
Jim
WB2FCN

wa5cab@... wrote:
>
> The answer is only of theoretical interest as I don't have a T-368 (and
> triodes don't have screen grids). But how does the screen current of a 4-400A
> tetrode vary as you tune the plate through resonance? Murphy being as he is, I'd
> expect it not to track the plate current. :-)
>
> In a message dated 11/27/2005 4:52:52 PM Central Standard Time,
> jeepp@... writes:
> > The owner may have shifted the metering over to the center tap of the
> > xformer. The meter doesn't need insulating then.
> >
> > Joe Foley wrote:
> >
> > >No one replied to my question about what was wrong
> > >with the T-368 that sold on E-bay recently!!
> > >
> > >Must be no one saw it, or no one looked.
> > >
> > >The insulator on the PA Current meter was MISSING!
> > >The meter was mounted directly to the fron panel.
> > >
> > >Joe
>
> Robert & Susan Downs - Houston
> <http://www.wa5cab.com> (Web Store)
> MVPA 9480
> <wa5cab@...> (Primary email)
> <wa5cab@...> (Backup email)
>
> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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# 2477. Re: [T-368_BC-610] Removing insulator r ing from plate current meter-T-368

Yahoo group: T-368_BC-610
Date: 2005-11-28 09:20:54 UTC
From: w7qho@aol.com
Topic: 2477  Message: 2477

In a message dated 11/27/05 2:36:42 PM, redmenaced@... writes:

> The insulator on the PA Current meter was MISSING!
> The meter was mounted directly to the fron panel.
>
>

This discussion prompted me to take another look at the eBay picture and also the RF drawer of my own Basic model T368. Copied the pix off eBay and blew it up for a closer look. First off, appears the meter in question is still hooked up in series with the HV line into the PA plate circuit. The meter does not appear to be original, though, and uses threaded studs for the electrical connections on the back of the case vice the solder lugs found on the meters usually installed in these rigs. Also has a plastic case instead of the sealed metal enclosure found in my Basic and as seen in the adjacent meter of the front panel in the eBay set In my Basic the plate meter is obviously set further back from the front panel by the insulator ring. In the eBay unit, the meter appears to be thinner front to back so the setback by an insulator ring would not be obvious. However, I still can't tell for sure and very bad practice, of coures, if the ring is in fact missing.

Noticed a couple of other things. The two coax connectors on the upper LH corner of the front panel of the RF drawer have been replaced with indicator lights, function unknown. Also, looks like a regular 807 plugged into the clamp tube socket instead of the specified 5933 (807W). Every T368 I've seen has a metal sleeve mounted above the clamp tube socket which allows only the skinny 5933 to be inserted. This sleeve appears to have been removed in the eBay set which raises an interesting point.

The clamp tube in the T368 is triode connected and so the 4-400 screen voltage appears both on the plate cap and on pin 2 on the tube socket underneath the chassis. Nominal CW screen
voltage is 560 (from the manual) and peak voltages would be significantly higher under modulation. I suspect that because of it's straight through button-base construction the 5933 will tolerate higher base pin voltages than would be possible with a regular 807. Hence, the inclusion of the sleeve to prevent plugging in the wrong tube. No mention or discussion of this in the manual however, and no mention of base breakdown voltage ratings in any tube specs I've seen.

Anyone know more?

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2478. Re: [T-368_BC-610] Removing insulator ring from plate current meter-T-368

Yahoo group: T-368_BC-610
Date: 2005-11-29 03:21:36 UTC
From: Joe Foley
Topic: 2477  Message: 2478

Well, yeah, but what most convinces me that the meter
is wrongly attached is the picture of the complete
front of the T-3, there it is obvious that the meter
is too far forward, unmistakable there.

Those indicator lights,..... hmm, could be just covers
over the BNC connectors I suppose, maybe had some left
over lenses in the junque box.

I'd like to see his rack for the ME-165.

I take it that no one on this list bought this thing?

Joe

> > The insulator on the PA Current meter was MISSING!
> > The meter was mounted directly to the fron panel.
> >
> >
>
> This discussion prompted me to take another look at
> the eBay picture and also
> the RF drawer of my own Basic model T368. Copied
> the pix off eBay and blew
> it up for a closer look. First off, appears the
> meter in question is still
> hooked up in series with the HV line into the PA
> plate circuit. The meter
> does not appear to be original, though, and uses
> threaded studs for the
> electrical connections on the back of the case vice
> the solder lugs found on the meters
> usually installed in these rigs. Also has a
> plastic case instead of the
> sealed metal enclosure found in my Basic and as seen
> in the adjacent meter of the
> front panel in the eBay set In my Basic the plate
> meter is obviously set
> further back from the front panel by the insulator
> ring. In the eBay unit, the
> meter appears to be thinner front to back so the
> setback by an insulator ring
> would not be obvious. However, I still can't tell
> for sure and very bad
> practice, of coures, if the ring is in fact missing.

_____
Yahoo! Music Unlimited
Access over 1 million songs. Try it free.
http://music.yahoo.com/unlimited/

# 2479. FS: Military Surplus SHOCKMOUNTS

Yahoo group: T-368_BC-610
Date: 2005-12-05 01:15:55 UTC
From: Brian Carling
Topic: 2479  Message: 2479

FOR SALE: Military Surplus Shock Mounts.
Dimensions: 2-3/8" X 2-3/8" - Depth of 1-3/8" with four
mounting holes
for chassis side, and one larger screw for the equipment side.
Will sell all EIGHT for $12.00 plus shipping.

Pictures and details at:
http://www.af4k.com/miscpart.htm

# 2480. WTD: BC-729/BC-939 RF Ammeter

Yahoo group: T-368_BC-610
Date: 2005-12-09 20:38:37 UTC
From: g3vkm
Topic: 2480  Message: 2480

Hi,

Anyone have a spare, functional, 0-15A RF ammeter to fit the BC-729 or BC-939 antenna tuners or know of a supplier? I believe one meter type fits both models.

TIA,

Roger Basford, G3VKM - Norfolk, England.

# 2481. Newbie BC-610 Owner

Yahoo group: T-368_BC-610
Date: 2005-12-13 14:07:15 UTC
From: g3vkm
Topic: 2481  Message: 2481

Hi All,

I've been lurking for a month or so on the group but I've now become a BC-610 owner so it's time to declare an interest and ask for some advice from other owners!

My new toy is (alledgedly) a BC-610-D, at least that's what it says on the Hallicrafters nameplate, but the meter and switching arrangement on the front panel looks to be a BC-610-E layout, so perhaps the nameplate is bogus and taken from another unit. Anyway, it is in good restorable condition, missing only one 100TH from the tube complement and has a good selection of tuning units and PA coils. It also has the BC-614D speech amplifier (anyone got a manual for this version?), a JB-50A, BC-614-E (have manual for this one), BC-939 ATU (less RF ammeter) and a nice BC-342 and speaker to go with it. The rig came from a UK film-props company who provided venues and some equipment for the HBO "Band Of Brothers" series, unfortunately my '610 didn't get a "lug-on" role!

So, a few newbie questions; any other means of establishing the version letter of my 610? Did earlier models get updated to the later specs, as this one seems to have had a paint job at some time so maybe it was upgraded at the same time? Do I really need the heater resistor on the modulator deck, as it's missing?

LOTS more questions to follow, I'm sure!

73,

Roger Basford, G3VKM (Norfolk, England)

# 2482. Re: [T-368_BC-610] Newbie BC-610 Owner

Yahoo group: T-368_BC-610
Date: 2005-12-13 14:53:45 UTC
From: wa5cab@cs.com
Topic: 2481  Message: 2482

Roger,

First, the heating element isn't used for heating. It is switched in series with the HV transformer primary when one of the front panel switches is placed in the TUNE position.

BC-610-A through -D and BC-614-A through -D are covered in TM 11-280 on SCR-299-A through -D. Reprint available for $26.30 plus shipping. Includes Change 1.

The BC-610-D has five meters (and a tuning dial) across the top of the front panel. The BC-610-E only has three meters (and dial). In the -E, the grid current meter was dropped and the Modulator Plate Current Meter moved to the BC-614-E. If the transmitter you have only has three meters, it's an -E. There was nothing ever in print that I know of about any BC-610-D's being modified to -E's. Last -D I've seen was summer of 1965, but it was still original (and still belonged to the Army).

I'm still looking to see whether I have an RF ammeter.

In a message dated 12/13/2005 8:09:25 AM Central Standard Time,
Roger@... writes:
> My new toy is (alledgedly) a BC-610-D, at least that's what it says on
> the Hallicrafters nameplate, but the meter and switching arrangement
> on the front panel looks to be a BC-610-E layout, so perhaps the
> nameplate is bogus and taken from another unit. Anyway, it is in good
> restorable condition, missing only one 100TH from the tube complement
> and has a good selection of tuning units and PA coils. It also has the
> BC-614D speech amplifier (anyone got a manual for this version?), a
> JB-50A, BC-614-E (have manual for this one), BC-939 ATU (less RF
> ammeter) and a nice BC-342 and speaker to go with it. The rig came
> from a UK film-props company who provided venues and some equipment
> for the HBO "Band Of Brothers" series, unfortunately my '610 didn't
> get a "lug-on" role!
>
> So, a few newbie questions; any other means of establishing the
> version letter of my 610? Did earlier models get updated to the later
> specs, as this one seems to have had a paint job at some time so maybe
> it was upgraded at the same time? Do I really need the heater resistor
> on the modulator deck, as it's missing?
>

Robert & Susan Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)

<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2483. RE: [T-368_BC-610] Newbie BC-610 Owner

Yahoo group: T-368_BC-610
Date: 2005-12-13 15:48:41 UTC
From: Tom Mackie
Topic: 2481  Message: 2483

Roger,

Fantastic!
I'm glad to hear of another BC-610 being saved especially in the UK.
When you get it restored let us know so we can schedule a transatlantic QSO.

How about trying to join us one cold winter night on 3570 CW for the Old Military Radio Net?

73
Tom W2ILA

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of g3vkm
Sent: Tuesday, December 13, 2005 9:07 AM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] Newbie BC-610 Owner

Hi All,

I've been lurking for a month or so on the group but I've now become a BC-610 owner so it's time to declare an interest and ask for some advice from other owners!

My new toy is (alledgedly) a BC-610-D, at least that's what it says on the Hallicrafters nameplate, but the meter and switching arrangement on the front panel looks to be a BC-610-E layout, so perhaps the nameplate is bogus and taken from another unit. Anyway, it is in good restorable condition, missing only one 100TH from the tube complement and has a good selection of tuning units and PA coils. It also has the BC-614D speech amplifier (anyone got a manual for this version?), a JB-50A, BC-614-E (have manual for this one), BC-939 ATU (less RF ammeter) and a nice BC-342 and speaker to go with it. The rig came from a UK film-props company who provided venues and some equipment for the HBO "Band Of Brothers" series, unfortunately my '610 didn't get a "lug-on" role!

So, a few newbie questions; any other means of establishing the version letter of my 610? Did earlier models get updated to the later specs, as this one seems to have had a paint job at some time so maybe it was upgraded at the same time? Do I really need the heater resistor on the modulator deck, as it's missing?

LOTS more questions to follow, I'm sure!

73,

Roger Basford, G3VKM (Norfolk, England)

Yahoo! Groups Links

# 2484. Re: [T-368_BC-610] Newbie BC-610 Owner

Yahoo group: T-368_BC-610
Date: 2005-12-13 16:08:19 UTC
From: W5OMR/Geoff
Topic: 2481  Message: 2484

Tom Mackie wrote:

>Roger,
>
>Fantastic!
>I'm glad to hear of another BC-610 being saved especially in the UK.
>When you get it restored let us know so we can schedule a transatlantic
>QSO.
>
>How about trying to join us one cold winter night on 3570 CW for the Old
>Military Radio Net?
>
>73
>Tom W2ILA
>

Does that meet just whenever, sometime at night-time on 3.570, or is
there a set schedule?

---
73 = Best Regards,
-Geoff/W5OMR

# 2485. RE: [T-368_BC-610] Newbie BC-610 Owner

Yahoo group: T-368_BC-610
Date: 2005-12-13 22:57:48 UTC
From: Tom Mackie
Topic: 2481  Message: 2485

Geoff,

Sunday nights at 2100 eastern there is a set scheduled net - OMRN. Usually Ted W3PWW is NCS, alternate is Chris AJ1G. All are welcome...no, ENCOURAGED to check in so we can hear key clicks and chirps. There are lots of different Mil rigs from QRP BC474 to T368. Now that winter is getting close, some of us will monitor 3570 when in the shack..whenever. Dale, KW1I, W1NZR, AJ1G and others often leave a receiver on 3570. Its hit or miss depending upon who is home but put out an occasional CQ. It seemed to get much more active as winter really set in last year.

73
Tom W2ILA

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
On Behalf Of W5OMR/Geoff
Sent: Tuesday, December 13, 2005 11:08 AM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] Newbie BC-610 Owner

Tom Mackie wrote:

>Roger,
>
>Fantastic!
>I'm glad to hear of another BC-610 being saved especially in the UK.
>When you get it restored let us know so we can schedule a transatlantic
>QSO.
>
>How about trying to join us one cold winter night on 3570 CW for the
Old
>Military Radio Net?
>
>73
>Tom W2ILA
>

Does that meet just whenever, sometime at night-time on 3.570, or is there a set schedule?

---
73 = Best Regards,
-Geoff/W5OMR

Yahoo! Groups Links

# 2486. New BC-610-E Owner!

Yahoo group: T-368_BC-610
Date: 2005-12-14 07:20:00 UTC
From: g3vkm
Topic: 2486  Message: 2486

Hi Everyone,

Well, since my newbie posting I've had lots of mail from list members offering advice and support, many thanks to you all! Will answer all of you off-list later today. We've definitely established that I have a BC-610-E, not a "D" model and so it looks as though the maker's "D" nameplate is off another rig. To be fair, the rig has been in storage for quite a while, the seller described it as an "E" and was surprised when I read out the nameplate, so there's no question of misrepresentation.

After a session with detergent and hot water yesterday the exterior and accessories have come up quite well. The lettering looks to have done by hand, possibly after a repaint or touch-up job, but is adequate for now.

All being well, I will get the electrical evaluation done before the holidays and get some parts ordered.

Again, thanks to all for the encouragement, advice and manuals, I'm very grateful.

73,

Roger Basford, G3VKM - Norfolk, England.

# 2487. Re: [T-368_BC-610] New BC-610-E Owner!

Yahoo group: T-368_BC-610
Date: 2005-12-14 15:14:09 UTC
From: wa5cab@cs.com
Topic: 2486  Message: 2487

Roger,

I once bought three T-213/GRC-26's (converted BC-610's) from a militaria dealer in OK. He had bought them (in the crates) at Tinker AFB. One was wrinkle finish and one semi-gloss, both with silk-screened lettering. The third was semi-gloss with hand-painted lettering. So it's impossible to say for certain of course but your -E could be "official" aside from the nameplate.

In a message dated 12/14/2005 1:20:51 AM Central Standard Time,
Roger@... writes:
> After a session with detergent and hot water yesterday the exterior
> and accessories have come up quite well. The lettering looks to have
> done by hand, possibly after a repaint or touch-up job, but is
> adequate for now.
>

Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2488. Help with BC-610 HV interlock switches.

Yahoo group: T-368_BC-610
Date: 2005-12-17 11:37:16 UTC
From: g3vkm
Topic: 2488  Message: 2488

Hi All,

Just checking over the electrical work needed to get my '610-E operational.

The two HV interlock switches from the tuning unit and PA coil doors have been removed and it's not obvious to me where they mount, can't see them in any of the manuals either. Do the doors have a door-catch fitted, a sort of ring-pull type? If so, mine are missing. Any info, or better photos, appreciated!

73 and season's greetings to all,

Roger Basford, G3VKM

# 2489. FS: TU51 Tuning Unit etc.

Yahoo group: T-368_BC-610
Date: 2005-12-17 14:27:44 UTC
From: Brian Carling
Topic: 2489  Message: 2489

FOR SALE:

TU-51 Tuning Unit for BC610 Transmitter. Covers 5.0 to 6.35 MHz
Very good condition. QTY 1 for $35.00 plus shipping.

Midland 13-867 CB Radio - 23 Channels.
Very good condition. With microphone - $9.00

Picture and details at:
http://www.af4k.com/miscpart.htm

# 2490. Re: [T-368_BC-610] Help with BC-610 HV interlock switches.

Yahoo group: T-368_BC-610
Date: 2005-12-17 13:38:28 UTC
From: W5OMR/Geoff
Topic: 2488  Message: 2490

g3vkm wrote:

>Hi All,
>
>Just checking over the electrical work needed to get my '610-E
>operational.
>
>The two HV interlock switches from the tuning unit and PA coil doors
>have been removed and it's not obvious to me where they mount, can't
>see them in any of the manuals either. Do the doors have a door-catch
>fitted, a sort of ring-pull type? If so, mine are missing. Any info,
>or better photos, appreciated!
>
>73 and season's greetings to all,
>
>Roger Basford, G3VKM
>

These might help. Might not.

http://w5omr.shacknet.nu:81/~w5omr/hamstuff/AM-Stuff/BC-610/

---
73 = Best Regards,
-Geoff/W5OMR

# 2491. Straps on T-368 RF deck

Yahoo group: T-368_BC-610
Date: 2005-12-17 19:19:17 UTC
From: Jim Coe
Topic: 2491  Message: 2491

Hi,

I'm in the process of bringing up a T-368F built by Oneida Electronics against order no. 15498-PP-63. It is s/n 019.....

While making the RF deck mods to remove the HV from the tank and the plate current meter, I have also been performing a general clean up. The copper chassis
is in very nice condition, but there are two non-copper, L-shaped straps fastened
across the back rear corners which are quite corroded. I took them off (they are fastened with two screws each and there was some form of thin, non-metallic insulator between the straps and the chassis. The insulating material was very dried out and crumbled when the straps were removed. I looks like it may have been some type of mastic tape? Its purpose seems to be to isolate the strap from
the copper chassis to prevent corrosion. The screws were plated, but had some corrosion.

The straps are fastened with one leg on top of the chassis at the rear corner and
one leg down the back panel. The straps are approximately 2 and 3/4-inches long total with 1 and 3/4-inch on the top of the chassis and 1-inch down the back of the chassis.

After cleaning the corrosion off the chassis, I looked to see if I could find a reason
for the straps to be on the chassis in the first place. The straps are not structural
as the chassis is welded at the corners. The straps do not touch anything in the
cabinet when the deck is installed and I see no reason for their existence......but
I figured the government must have had some reason for paying to have them fabricated and installed so I thought I would ask the group for its combined wisdom
before simply discarding the straps.

Any clarification will be much appreciated.

Thanks es 73.....Jim W5JI

# 2492. Swap: BC-610 TU-52 for TU-54?

Yahoo group: T-368_BC-610
Date: 2005-12-19 11:09:46 UTC
From: g3vkm
Topic: 2492  Message: 2492

Hi All,

Anyone have a TU-54 BC-610 tuning unit in good condition to swap for a TU-52 in apparently unused condition? Postage UK-USA will be around $25 by airmail, based on 3.25 pounds shipping weight.

Regards,

Roger Basford, G3VKM

# 2493. BC-610

Yahoo group: T-368_BC-610
Date: 2005-12-22 02:55:37 UTC
From: rickbras
Topic: 507  Message: 2493

Hi all,

I'm a new kid on the block and would like to know if anyone happens to have a BC-939 Antenna Tuning Unit and/or a JB-70A Junction Box for the BC-610 they would part with? I am always looking for various parts for these old girls, so if you have an abundance or just want to unload some stuff from your junk box, please let me know. As is the case so many times with these transmitters the modulation transformer was missing when I got it ("I" model), so I am searching for that too.

Thanks for any help with parts or advice with restoration you can offer.

73,
Rick
K5IZ

# 2494. NEED SLIDE SWITCH

Yahoo group: T-368_BC-610
Date: 2005-12-22 04:17:13 UTC
From: k0dan
Topic: 2494  Message: 2494

I need a slide switch, believe it to be 2P4T?

The contacts look like this:

o o o o
o o o o

The switch body itself measures approx. 1.25" x 3/8", and was originally in
a Knight Kit R/C Substitution Box.

Anyone have such a beast?

Thanks and 73

Dan
K0DAN
k0dan@...

[Non-text portions of this message have been removed]

# 2495. (no subject)

Yahoo group: T-368_BC-610
Date: 2005-12-22 17:38:24 UTC
From: alan morriss
Topic: 2495  Message: 2495

Hello everyone, we have just aquired a beautiful and original SCR 399 outfit. It is like a time capsule, as if at the end of WW2, they put it in storage and forgot about it !
I believe the Danish Army had it. All that is missing is the typewriter and the toolbox type TE48.
If anyone has one or both of these, or knows of one, we would be most grateful to hear from them. The anytenna coupling unit is the one whuich goes up to 18 megs, so I should be on 20 metres CW with id before long. cheers, alan morriss g4gen

[Non-text portions of this message have been removed]

# 2496. Re: [T-368_BC-610]

Yahoo group: T-368_BC-610
Date: 2005-12-22 10:18:20 UTC
From: eldim@att.net
Topic: 2496  Message: 2496

Hello Alan & Fellow Collectors,
Congratulations on a GREAT FIND.
CHRISTMAS ALWAYS FINDS SOMEONE EARLY.
In all fairness, it would be a generous gesture to share some photos of your treasure.
Now, what exactly does that tool box look like. Someone must has one or can describe it's construction and dimensions.
Wishing each of you, a Blessed and Joyous Merry Christmas.
One filled with good health and fabulous finds from the past.
Thank you Alan, for sharing with us. You made my day.
Of course, in my business, CHRISTMAS IS EVERYDAY.
73,
And May the Signals of AM Radiate Forever,
Glen Galati, KA7BOJ
Tacoma, WA
www.el-dim.com

---------- Original message from "alan morriss" <mohawk@...>: ----------

Hello everyone, we have just aquired a beautiful and original SCR 399 outfit. It is like a time capsule, as if at the end of WW2, they put it in storage and forgot about it !
I believe the Danish Army had it. All that is missing is the typewriter and the toolbox type TE48.
If anyone has one or both of these, or knows of one, we would be most grateful to hear from them. The anytenna coupling unit is the one whuich goes up to 18 megs, so I should be on 20 metres CW with id before long. cheers, alan morriss g4gen

[Non-text portions of this message have been removed]

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To unsubscribe from this group, send an email to:
T-368_BC-610-unsubscribe@yahoogroups.com

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[Non-text portions of this message have been removed]

# 2497. Re: [T-368_BC-610] Swap: BC-610 TU-52 for TU-54?

Yahoo group: T-368_BC-610
Date: 2005-12-22 10:15:27 UTC
From: Brian Carling
Topic: 2492  Message: 2497

I still have a TU-51 to swap or sell.
I would consider anything - not just TU units.

I am located in Florida.

I also have FT171B and FT243 crystals for sale. See:
http://www.af4k.com/FT171_crystals.htm

Brian AF4K

On 19 Dec 2005 at 11:09, g3vkm wrote:

> Hi All,
>
> Anyone have a TU-54 BC-610 tuning unit in good condition to swap for a
> TU-52 in apparently unused condition? Postage UK-USA will be around
> $25 by airmail, based on 3.25 pounds shipping weight.
>
> Regards,
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> Roger Basford, G3VKM
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> Yahoo! Groups Links
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# 2498. BCs and T3s on 17M for the Holiday

Yahoo group: T-368_BC-610
Date: 2005-12-22 17:51:56 UTC
From: William Kipping
Topic: 2498  Message: 2498

To All About 10 years ago Dale, KW1I suggested in ER a get together using T-3s and 610s Christmas day on 18.150MHz Only myself, Dale and Art WA6IPD showed up. Anyone interested in a little WARC band heavy metal this year?
73 Bill KE7KK T-368D #33

# 2499. Re: [T-368_BC-610] BCs and T3s on 17M for the Holiday

Yahoo group: T-368_BC-610
Date: 2005-12-22 20:24:01 UTC
From: James M. Walker
Topic: 2498  Message: 2499

What if any is the Power Limit for 18.150? Also I am
assuming the operation will be AM/CW, yes?
Jim
WB2FCN

----- Original Message -----
From: "William Kipping" <ke7kk@...>
To: "T-368_BC-610" <T-368_BC-610@yahoogroups.com>
Sent: Thursday, December 22, 2005 12:51 PM
Subject: [T-368_BC-610] BCs and T3s on 17M for the Holiday

>
>
> To All About 10 years ago Dale, KW1I suggested in ER a get together
using
> T-3s and 610s Christmas day on 18.150MHz Only myself, Dale and Art WA6IPD
> showed up. Anyone interested in a little WARC band heavy metal this year?
> 73 Bill KE7KK T-368D #33
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# 2500. BC-610-E ...R2

Yahoo group: T-368_BC-610
Date: 2005-12-23 03:20:44 UTC
From: rickbras
Topic: 2500  Message: 2500

There seems to be a conflict as to the size of R2 in the BC-610e. The parts list in the TM 11-826 manual identifies it as a 5000 ohm, 18 watt resistor. However, the schematic in the same manual as well as the schematic in the SCR-399-A maunal refer to R2 as a 5600 ohm, 18 watt resistor. The difference, considering the location of the resistor, probably makes little if any difference. However, I'm wondering if anyone has had any experience with it going bad and what value they used to replace it? Mine has obviously been too hot as it shows serious signs of losing its smoke and has changed in resistance to over 7000 ohms.

Thanks,
Rick

# 2501. Re: [T-368_BC-610] BC-610-E  ...R2

Yahoo group: T-368_BC-610
Date: 2005-12-23 07:31:47 UTC
From: w7qho@aol.com
Topic: 2501  Message: 2501

In a message dated 12/22/05 7:21:49 PM, rickbras@... writes (in
part):

> There seems to be a conflict as to the size of R2 in the BC-610e.  The
> parts list in the TM 11-826 manual identifies it as a 5000 ohm, 18
> watt resistor.  However, the schematic in the same manual as well as
> the schematic in the SCR-399-A maunal refer to R2 as a 5600 ohm, 18
> watt resistor. Etc.....
>
FYI, my SCR-299 manual (TM 11-280) says 5600 ohms for BC-610 models A through
D.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2502. Re: [T-368_BC-610] BC-610-E ...R2

Yahoo group: T-368_BC-610
Date: 2005-12-23 15:47:54 UTC
From: James M. Walker
Topic: 2500  Message: 2502

Smoking R2, may happen, if your unit was used in RTTY mode
with the O-39 FSK generator. Not sure why, however, but in my
"E" model I just changed the 5600 to a 20 watt and had no more
problems on RTTY, with that resistor.
YMMV
Jim
WB2FCN
http://eshop1.chem.buffalo.edu

----- Original Message -----
From: "rickbras" <rickbras@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Thursday, December 22, 2005 10:20 PM
Subject: [T-368_BC-610] BC-610-E ...R2

> There seems to be a conflict as to the size of R2 in the BC-610e. The
> parts list in the TM 11-826 manual identifies it as a 5000 ohm, 18
> watt resistor. However, the schematic in the same manual as well as
> the schematic in the SCR-399-A maunal refer to R2 as a 5600 ohm, 18
> watt resistor. The difference, considering the location of the
> resistor, probably makes little if any difference. However, I'm
> wondering if anyone has had any experience with it going bad and what
> value they used to replace it? Mine has obviously been too hot as it
> shows serious signs of losing its smoke and has changed in resistance
> to over 7000 ohms.
>
> Thanks,
> Rick
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> Yahoo! Groups Links
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# 2503. Re: [T-368_BC-610] BC-610-E ...R2

Yahoo group: T-368_BC-610
Date: 2005-12-26 16:56:31 UTC
From: wa5cab@cs.com
Topic: 2500  Message: 2503

Rick, Dennis & Group,

I still don't know what the answer to this conundrum is (whether and in which transmitters the bleeder resistor R2 should be 5000 or 5600 ohms). I noticed that in the parts list in TM 11-826, R2 for the -A model had a different Signal Corps Stock Number. However, when I looked up the two stock numbers I found that the only difference was that the one in the -I is given as +/- 10% resistance tolerance (so that is a typo in the parts list, which shows +/- 5%). Otherwise everything else in the two descriptions was word for word the same.

In a message dated 12/23/2005 1:33:23 AM Central Standard Time, w7qho@... writes:
> In a message dated 12/22/05 7:21:49 PM, rickbras@... writes (in
> part):
>
>
> >There seems to be a conflict as to the size of R2 in the BC-610e. The
> >parts list in the TM 11-826 manual identifies it as a 5000 ohm, 18
> >watt resistor. However, the schematic in the same manual as well as
> >the schematic in the SCR-399-A maunal refer to R2 as a 5600 ohm, 18
> >watt resistor. Etc.....
> >
> FYI, my SCR-299 manual (TM 11-280) says 5600 ohms for BC-610 models A
> through
> D.

Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2504. BC-610-E to BC-939 interconnection?

Yahoo group: T-368_BC-610
Date: 2005-12-26 18:14:16 UTC
From: g3vkm
Topic: 2504  Message: 2504

Hi All,

A few queries on ATU operation.

I have been looking at my BC-939, as I intend to use it with my '610 on wire antennas to provide good harmonic suppression. How are the two units interconnected? It looks from the diagrams in TM 11-4057 as though coax is used, presumably with the wiring bared-back and crimped with eye terminals at each end, rather than using coax sockets. What type of co-ax is recommended and any restriction on length of the cable? Any preference on which of the two feed-thrus on the BC-610 gets the coax braiding?

By the way, I'm still looking for a 0-15 amp RF meter for my 939, if anyone has one in the junk box? Alternatively, has anyone used a current sensor instead with a suitably-scaled replacement meter?

Happy 2006 to all,

Roger Basford, G3VKM - Norfolk, England.

# 2505. Re: [T-368_BC-610] BC-610-E to BC-939 interconnection?

Yahoo group: T-368_BC-610
Date: 2005-12-26 21:31:55 UTC
From: w7qho@aol.com
Topic: 2504  Message: 2505

In a message dated 12/26/05 10:16:04 AM, Roger@... writes:

> I have been looking at my BC-939, as I intend to use it with my '610
> on wire antennas to provide good harmonic suppression. How are the two
> units interconnected? It looks from the diagrams in TM 11-4057 as
> though coax is used, presumably with the wiring bared-back and crimped
> with eye terminals at each end, rather than using coax sockets. What
> type of co-ax is recommended and any restriction on length of the
> cable? Any preference on which of the two feed-thrus on the BC-610
> gets the coax braiding?
>
> By the way, I'm still looking for a 0-15 amp RF meter for my 939, if

> anyone has one in the junk box? Alternatively, has anyone used a
> current sensor instead with a suitably-scaled replacement meter?
>
>

Roger,

Am sure you'll receive a number of responses to your questions.

Going through my SCR-299 and SCR-399 manuals (TM 11-280 & 281 respectively) I can find no specification for the RF cable connecting the transmitter to the ATU. Various illustrations in both manuals show a connection that looks like a short length of coaxial cable but no mention found in the cordage lists. Only a single reference to a "concentric transmission line" in TM 11-280 with no further information given. Might have been provided as a part of the ATU (BC-729 or 939) and perhaps someone with a better parts list can provide more information.

In any case, any type of coax capable of handling the power level of the BC-610 would be OK here. Impedance not important unless you plan to mount the ATU some considerable distance removed
from the transmitter. RG-8 or RG-11(or UK equivalents) should work just fine. Which feed-through gets the braid and which the center conductor not important on the transmitter end unless one side has been previously grounded. The braid should go to the ground terminal on the BC-939 end, of course.

On using the BC-939, be advised that the unit was designed primarily for use with short (at the frequencies covered) whip antennas. The "Long Wire" position found on the front panel provides for somewhat longer lengths but still less than 100ft. A stock BC-939 will not generally match the multiple wavelength "long" wires most commonly used by hams and described in ham literature.

The BC-610 is a fine old classic. Enjoy!

Dennis D. W7QHO (ex. G5BSW, DA1IN)
Glendale, CA

[Non-text portions of this message have been removed]

# 2506. Re: [T-368_BC-610] BC-610-E to BC-939 interconnection?

Yahoo group: T-368_BC-610
Date: 2005-12-26 21:50:57 UTC
From: Roger Basford
Topic: 2504  Message: 2506

Hi Dennis,

You've turned pretty much the same selection of references I had. Did think, at first, that they used some sort of Twinax cable and only grounded the screen at the ATU end but on closer examination the 939 input is connected internally by a length of rigid coax to the meter, etc. Yes, other people are telling me that the 939 isn't much use for ham antennas so I may have to reconsider that as the station ATU, the TMC TAC-1 has been recommended but TMC stuff is gold dust in the UK. The BAMA manual for the TAC-1 does show it in use with a BC-610, so it would seem to be the right tool.

Anyway, thanks for the advice and info, all useful stuff towards getting the beast operational!

73 Dennis and HNY,

Roger, G3VKM

----- Original Message -----
From: W7QHO@...
To: Roger@... ; T-368_BC-610@yahoogroups.com
Sent: Monday, December 26, 2005 9:31 PM
Subject: Re: [T-368_BC-610] BC-610-E to BC-939 interconnection?

Roger,

Am sure you'll receive a number of responses to your questions.

Going through my SCR-299 and SCR-399 manuals (TM 11-280 & 281 respectively) I can find no specification for the RF cable connecting the transmitter to the ATU. Various illustrations in both manuals show a connection that looks like a short length of coaxial cable but no mention found in the cordage lists. Only a single reference to a "concentric transmission line" in TM 11-280 with no further information given. Might have been provided as a part of the ATU (BC-729 or 939) and perhaps someone with a better parts list can provide more information.

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described in ham literature.

The BC-610 is a fine old classic. Enjoy!

Dennis D. W7QHO (ex. G5BSW, DA1IN)
Glendale, CA

---

No virus found in this outgoing message.
Checked by AVG Anti-Virus.
Version: 7.1.371 / Virus Database: 267.14.7/214 - Release Date: 23/12/2005

[Non-text portions of this message have been removed]

# 2507. Re: [T-368_BC-610] BC-610-E to BC-939 interconnection?

Yahoo group: T-368_BC-610
Date: 2005-12-26 21:54:28 UTC
From: eldim@att.net
Topic: 2504  Message: 2507

If memory serves me correctly, I believe that I saw a piece of RG-9/U . Whether, it was plain, A, or B, I just don't recall.
73 & HAPPY NEW YEAR TO ALL,
Glen Galati, KA7BOJ
Tacoma, WA
eldim@...

---------- Original message from w7qho@...: ----------

In a message dated 12/26/05 10:16:04 AM, Roger@... writes:

> I have been looking at my BC-939, as I intend to use it with my '610
> on wire antennas to provide good harmonic suppression. How are the two
> units interconnected? It looks from the diagrams in TM 11-4057 as
> though coax is used, presumably with the wiring bared-back and crimped
> with eye terminals at each end, rather than using coax sockets. What
> type of co-ax is recommended and any restriction on length of the
> cable? Any preference on which of the two feed-thrus on the BC-610
> gets the coax braiding?
>
> By the way, I'm still looking for a 0-15 amp RF meter for my 939, if

> anyone has one in the junk box? Alternatively, has anyone used a
> current sensor instead with a suitably-scaled replacement meter?
>
>

Roger,

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The BC-610 is a fine old classic. Enjoy!

Dennis D. W7QHO (ex. G5BSW, DA1IN)
Glendale, CA

[Non-text portions of this message have been removed]

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To unsubscribe from this group, send an email to:
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[Non-text portions of this message have been removed]

# 2508. FS: CRYSTAL SOCKETS

Yahoo group: T-368_BC-610
Date: 2005-12-27 11:32:58 UTC
From: Brian Carling
Topic: 2508  Message: 2508

FOR SALE:

NEW CERAMIC HC6/U CRYSTAL SOCKETS.
These are for the metal can crystals with pins
spaced
about 1/2" apart. These are new, ceramic sockets
usable
all the way up to VHF. Single screw mount, with
solder terminals.
Great for amateur radio homebrew or repairs.
They have 0.486" pin spacing. Smaller diameter
pins than FT243.
These mount with a single hole. Dozens available
as follows:
Reduced from $3.00 each.
Dozens available for $1.50 each or 10 for $10.00
plus shipping.

Picture:
http://af4k.com/imag/ham/hc6s2.jpg

Dimensions:
http://af4k.com/crystal_holders.htm

VARIOUS CRYSTALS

[Non-text portions of this message have been removed]

# 2509. Re: [T-368_BC-610] BC-610-E to BC-939 interconnection?

Yahoo group: T-368_BC-610
Date: 2005-12-27 13:02:10 UTC
From: James M. Walker
Topic: 2504  Message: 2509

Hi Roger and list,
For the BC-939(*) tuner/coupler, the connection that seems
to be on all the ones I have seen is a "CX" type cable, which
is RG-8A/U cable. If your transmitter has the coax connector
modification done to it already, you will notice the loop coil
contacts go to an SO-239 connector. The contact that is most
rear-ward on the socket for the swinging link goes to the chassis
or ground and the front-most goes to the center of the connector.
This is at the transmitter end.

If your transmitter has just the large feed thru insulators the cable
making the connection has the shield of the coax going to the rear
most feed-thru insulator, and the center conductor going to the front
most insulator. I may have some pictures Roger if you want to see it.

On the BC-939 there are three terminals on the left side facing the unit.
starting at the front most terminal that is ground and is internally
jumpered
to the rear most terminal. The middle terminal is the center of the coax
feed to the input matching circuit. If you make a 3 foot length of cable
to connect the two units that seems to be the correct length.

On both of my transmitters, I have a two foot length of coax with connectors
SO-239 going to the RF output of the transmitter. Then to a Johnson
TR switch to the transmitter connector. From the antenna connector on
the TR switch another two foot cable goes to the BC-939(*) RF input.
The receiver coax connector goes to an HQ-129X receiver for each
transmitter setup. The TR switch handles the output of the BC-610,
and provides amplification and a closer match to the input of the HQ-129(X)
receivers which is close to 150 ohms.

Jim
WB2FCN

----- Original Message -----
From: "g3vkm" <Roger@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Monday, December 26, 2005 1:14 PM
Subject: [T-368_BC-610] BC-610-E to BC-939 interconnection?

> Hi All,
>
> A few queries on ATU operation.
>
> I have been looking at my BC-939, as I intend to use it with my '610
> on wire antennas to provide good harmonic suppression. How are the two

> units interconnected? It looks from the diagrams in TM 11-4057 as
> though coax is used, presumably with the wiring bared-back and crimped
> with eye terminals at each end, rather than using coax sockets. What
> type of co-ax is recommended and any restriction on length of the
> cable? Any preference on which of the two feed-thrus on the BC-610
> gets the coax braiding?
>
> By the way, I'm still looking for a 0-15 amp RF meter for my 939, if
> anyone has one in the junk box? Alternatively, has anyone used a
> current sensor instead with a suitably-scaled replacement meter?
>
> Happy 2006 to all,
>
> Roger Basford, G3VKM - Norfolk, England.
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# 2510. Re: [T-368_BC-610] BC-610-E to BC-939 interconnection?

Yahoo group: T-368_BC-610
Date: 2005-12-27 17:01:43 UTC
From: Roger Basford
Topic: 2504  Message: 2510

Hi Jim,

RG8 is no problem, I have a drum of H100 here that will approximate. My '610 has the two feed-thrus fitted, no mods have been done in the output circuit, the 939 has the three feed-thrus. I'll be using an active receiving antenna so there's no real need in my present shack arrangement for T/R switching so I think it's better to leave the antenna relay "as-is" and ground the output winding on receive.

I haven't seen any info on the PA coils with swinging links, are these for an later version than the '610-E? I ask because I have a few amongst my fixed coils here.

73,

Roger, G3VKM

----- Original Message -----
From: "James M. Walker" <chejmw@...>
To: <T-368_BC-610@yahoogroups.com>; "g3vkm" <Roger@...>
Sent: Tuesday, December 27, 2005 1:02 PM
Subject: Re: [T-368_BC-610] BC-610-E to BC-939 interconnection?

> Hi Roger and list,
> For the BC-939(*) tuner/coupler, the connection that seems
> to be on all the ones I have seen is a "CX" type cable, which
> is RG-8A/U cable. If your transmitter has the coax connector
> modification done to it already, you will notice the loop coil
> contacts go to an SO-239 connector. The contact that is most
> rear-ward on the socket for the swinging link goes to the chassis
> or ground and the front-most goes to the center of the connector.
> This is at the transmitter end.
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> If your transmitter has just the large feed thru insulators the cable
> making the connection has the shield of the coax going to the rear
> most feed-thru insulator, and the center conductor going to the front
> most insulator. I may have some pictures Roger if you want to see it.
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> starting at the front most terminal that is ground and is internally
> jumpered
> to the rear most terminal. The middle terminal is the center of the coax
> feed to the input matching circuit. If you make a 3 foot length of cable
> to connect the two units that seems to be the correct length.
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> connectors
> SO-239 going to the RF output of the transmitter. Then to a Johnson
> TR switch to the transmitter connector. From the antenna connector on
> the TR switch another two foot cable goes to the BC-939(*) RF input.
> The receiver coax connector goes to an HQ-129X receiver for each
> transmitter setup. The TR switch handles the output of the BC-610,
> and provides amplification and a closer match to the input of the
> HQ-129(X)
> receivers which is close to 150 ohms.
>
> Jim
> WB2FCN
>
>
> ----- Original Message -----
> From: "g3vkm" <Roger@...>
> To: <T-368_BC-610@yahoogroups.com>
> Sent: Monday, December 26, 2005 1:14 PM
> Subject: [T-368_BC-610] BC-610-E to BC-939 interconnection?
>
>
>> Hi All,
>>
>> A few queries on ATU operation.
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>> I have been looking at my BC-939, as I intend to use it with my '610
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>> units interconnected? It looks from the diagrams in TM 11-4057 as
>> though coax is used, presumably with the wiring bared-back and crimped
>> with eye terminals at each end, rather than using coax sockets. What
>> type of co-ax is recommended and any restriction on length of the
>> cable? Any preference on which of the two feed-thrus on the BC-610
>> gets the coax braiding?
>>
>> By the way, I'm still looking for a 0-15 amp RF meter for my 939, if
>> anyone has one in the junk box? Alternatively, has anyone used a
>> current sensor instead with a suitably-scaled replacement meter?
>>
>> Happy 2006 to all,
>>
>> Roger Basford, G3VKM - Norfolk, England.
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>> Yahoo! Groups Links
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> --
> This email has been verified as Virus free
> Virus Protection and more available at http://www.plus.net
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> --
> No virus found in this incoming message.
> Checked by AVG Anti-Virus.
> Version: 7.1.371 / Virus Database: 267.14.7/214 - Release Date: 23/12/2005
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No virus found in this outgoing message.
Checked by AVG Anti-Virus.
Version: 7.1.371 / Virus Database: 267.14.8/215 - Release Date: 27/12/2005

# 2511. Re: [T-368_BC-610] BC-610-E to BC-939 interconnection?

Yahoo group: T-368_BC-610
Date: 2005-12-28 00:13:31 UTC
From: wa5cab@cs.com
Topic: 2504  Message: 2511

Roger,

The rotary link coils started coming out in early '43 when the Signal Corps started issuing the dipole antenna kits. They were supplied (at least if you ordered the dipole kit) for all models from -A on.

"Roger Basford" <Roger@...> wrote:

>
>I haven't seen any info on the PA coils with swinging links, are these for
>an later version than the '610-E? I ask because I have a few amongst my
>fixed coils here.
>
>73,
>
>Roger, G3VKM
>
>
>
>
>-----  Original Message  -----
>From: "James M. Walker" <chejmw@...>
>To: <T-368_BC-610@yahoogroups.com>; "g3vkm" <Roger@...>
>Sent: Tuesday, December 27, 2005 1:02 PM
>Subject: Re: [T-368_BC-610] BC-610-E to BC-939 interconnection?
>
>
>> Hi Roger and list,
>> For the BC-939(*) tuner/coupler, the connection that seems
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>> is RG-8A/U cable. If your transmitter has the coax connector
>> modification done to it already, you will notice the loop coil
>> contacts go to an SO-239 connector. The contact that is most
>> rear-ward on the socket for the swinging link goes to the chassis
>> or ground and the front-most goes to the center of the connector.
>> This is at the transmitter end.
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>> If your transmitter has just the large feed thru insulators the cable
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>> most feed-thru insulator, and the center conductor going to the front
>> most insulator. I may have some pictures Roger if you want to see it.
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>> On the BC-939 there are three terminals on the left side facing the unit.
>> starting at the front most terminal that is ground and is internally
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>> to the rear most terminal. The middle terminal is the center of the coax

>> feed to the input matching circuit. If you make a 3 foot length of cable
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>> On both of my transmitters, I have a two foot length of coax with
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>> SO-239 going to the RF output of the transmitter. Then to a Johnson
>> TR switch to the transmitter connector. From the antenna connector on
>> the TR switch another two foot cable goes to the BC-939(*) RF input.
>> The receiver coax connector goes to an HQ-129X receiver for each
>> transmitter setup. The TR switch handles the output of the BC-610,
>> and provides amplification and a closer match to the input of the
>> HQ-129(X)
>> receivers which is close to 150 ohms.
>>
>> Jim
>> WB2FCN
>>
>>
>> ----- Original Message -----
>> From: "g3vkm" <Roger@...>
>> To: <T-368_BC-610@yahoogroups.com>
>> Sent: Monday, December 26, 2005 1:14 PM
>> Subject: [T-368_BC-610] BC-610-E to BC-939 interconnection?
>>
>>
>>> Hi All,
>>>
>>> A few queries on ATU operation.
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>>> I have been looking at my BC-939, as I intend to use it with my '610
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>>> type of co-ax is recommended and any restriction on length of the
>>> cable? Any preference on which of the two feed-thrus on the BC-610
>>> gets the coax braiding?
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>>> By the way, I'm still looking for a 0-15 amp RF meter for my 939, if
>>> anyone has one in the junk box? Alternatively, has anyone used a
>>> current sensor instead with a suitably-scaled replacement meter?
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>>> Happy 2006 to all,
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>>> Yahoo! Groups Links
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# 2512. Re: [T-368_BC-610] BC-610-E to BC-939 interconnection?

Yahoo group: T-368_BC-610
Date: 2005-12-28 07:36:33 UTC
From: Roger Basford
Topic: 2504  Message: 2512

Hi Robert,

OK, all understood. I've now been given a reference to the coils with the swinging links; they are mentioned in TM 11-826 which covers the "E" '610 and the later models. No real need for them if I use the BC-939 tuner but would be OK for dipoles, etc. Don't think they would add a lot to the harmonic suppression of the '610, although using a resonant antenna will help somewhat. It's pity they didn't modify the '610 so that the link could be easily adjusted, as in that comparison photo I sent you of the 610 and the British Mark 214 coils recently. It's been suggested to me that the BC-939 would be a better tool if modified as per N6PY's 2004 articles in Electric Radio, certainly it increases the range of antenna lengths one could use. Any views on that?

73,

Roger, G3VKM

----- Original Message -----
From: <WA5CAB@...>
To: ""Roger Basford"" <Roger@...>; ""James M. Walker""
<chejmw@...>; <T-368_BC-610@yahoogroups.com>
Sent: Wednesday, December 28, 2005 12:13 AM
Subject: Re: [T-368_BC-610] BC-610-E to BC-939 interconnection?

> Roger,
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> The rotary link coils started coming out in early '43 when the Signal
> Corps started issuing the dipole antenna kits. They were supplied (at
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> "Roger Basford" <Roger@...> wrote:
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>>73,
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>>Roger, G3VKM
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>>
>>
>>-----Original Message -----

>>From: "James M. Walker" <chejmw@...>
>>To: <T-368_BC-610@yahoogroups.com>; "g3vkm" <Roger@...>
>>Sent: Tuesday, December 27, 2005 1:02 PM
>>Subject: Re: [T-368_BC-610] BC-610-E to BC-939 interconnection?
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>>> HQ-129(X)
>>> receivers which is close to 150 ohms.
>>>
>>> Jim
>>> WB2FCN
>>>
>>>
>>> ----- Original Message -----
>>> From: "g3vkm" <Roger@...>
>>> To: <T-368_BC-610@yahoogroups.com>
>>> Sent: Monday, December 26, 2005 1:14 PM
>>> Subject: [T-368_BC-610] BC-610-E to BC-939 interconnection?
>>>

>>>
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>>> This email has been verified as Virus free
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Version: 7.1.371 / Virus Database: 267.14.8/215 - Release Date: 27/12/2005

# 2513. Modulation Transformer...

Yahoo group: T-368_BC-610
Date: 2005-12-29 23:10:58 UTC
From: Rick Brashear
Topic: 2513  Message: 2513

Hi all...

Does anyone have the specifications or know anything about a Thordarson T-21 M85 Modulation Transformer? She's an oldie, I think. The only other markings on the thing is 300/500 watts.

Thanks and 73,
Rick
K5IZ

# 2514. BC-610 modulator...

Yahoo group: T-368_BC-610
Date: 2005-12-31 17:04:53 UTC
From: Rick Brashear
Topic: 2514  Message: 2514

Good morning...

Has anyone had any experience with omitting the 40 mfd @ 100 wvdc (C27) electrolytic capacitor in the "E" model BC-610? The text in the later models explains this capacitor was no longer used as a by pass to the 750 ohm resistor (R20) and this improved the linearity. I assume it is in the circuit to keep AF out of the supply. I'm wondering, are there any other peculiarities of the "E" that the removal of this capacitor would affect? The old metal style paper electrolytic that's in mine is no longer usable and I am trying to decide whether or not to replace it.

Thanks,
Rick

# 2515. REDUCED: BC-669 CRYSTALS TYPE DC34 for 160m, 80m

Yahoo group: T-368_BC-610
Date: 2006-01-01 16:29:12 UTC
From: Brian Carling
Topic: 2515  Message: 2515

FOR SALE:
Twelve DC 34 Crystals Type DC34 as used in BC-669 Transmitter.

1690, 1830, 1830, 1830, 1850, 1850,
1870, 1910, 1910, 1910, 1930 and 3655 kHz.

DC-34 - Crystal 1-3/8" wide X 1/2" X 1-3/8" tall.
Pins 3/4" apart. 1/8" dia. X 5/8" long.

REDUCED from $12.00 each.
Total of twelve of these offered at $6.00 each or all for $50.00
plus shipping.

For picture and the holder size and dimensions see:

http://www.af4k.com/dc34_crystals.htm
http://www.af4k.com/crystal_holders.htm

# 2516. New to the Group

Yahoo group: T-368_BC-610
Date: 2006-01-02 12:59:20 UTC
From: Bob Peters
Topic: 2516  Message: 2516

Hi all and am new to the group...Have a great T-3
Ser # 419 and love it. Have the N9FOY Speech amp...
Using a Marshall Condenser mike into a W2IHY * band EQ..
Love the T-3 used lots of them in the Army..

Bob W1PE
Dallas

# 2517. Re: [T-368_BC-610] New to the Group

Yahoo group: T-368_BC-610
Date: 2006-01-02 14:31:50 UTC
From: Rick Brashear
Topic: 2516  Message: 2517

Hi Bob,

I am in the process of restoring a couple of BC-610's. I hope to have
one in the window in a day or so. I saw your picture on QRZ and that
T-368 is a jewel! I'm a little west of you here in Dallas. I look
forward to working you soon.

73,
Rick
K5IZ

Bob Peters wrote:

> Hi all and am new to the group...Have a great T-3
> Ser # 419 and love it. Have the N9FOY Speech amp...
> Using a Marshall Condenser mike into a W2IHY * band EQ..
> Love the T-3 used lots of them in the Army..
>
> Bob W1PE
> Dallas
>
>
>
> SPONSORED LINKS
> Two way radio
> <http://groups.yahoo.com/gads?t=ms&k=Two+way+radio&w1=Two+way+radio&w2=Military+surplus&w3=Satellite+radio&w4=Fm+radio+transmitter&w5=Military+surplus+stores&w6=Radio+transmitters&c=6&s=141&.sig=hzckaIcB4Okydmf7DOx2ag>
> Military surplus
> <http://groups.yahoo.com/gads?t=ms&k=Military+surplus&w1=Two+way+radio&w2=Military+surplus&w3=Satellite+radio&w4=Fm+radio+transmitter&w5=Military+surplus+stores&w6=Radio+transmitters&c=6&s=141&.sig=gNR50nLOJ2_TxYdnrE2HpA>
> Satellite radio
> <http://groups.yahoo.com/gads?t=ms&k=Satellite+radio&w1=Two+way+radio&w2=Military+surplus&w3=Satellite+radio&w4=Fm+radio+transmitter&w5=Military+surplus+stores&w6=Radio+transmitters&c=6&s=141&.sig=IhOZYnJV62mCWCASoNdSZw>
>
> Fm radio transmitter
> <http://groups.yahoo.com/gads?t=ms&k=Fm+radio+transmitter&w1=Two+way+radio&w2=Military+surplus&w3=Satellite+radio&w4=Fm+radio+transmitter&w5=Military+surplus+stores&w6=Radio+transmitters&c=6&s=141&.sig=oQ2npTjIyuW67Rn98uhPuw>
> Military surplus stores
> <http://groups.yahoo.com/gads?t=ms&k=Military+surplus+stores&w1=Two+way+radio&w2=Military+surplus&w3=Satellite+radio&w4=Fm+radio+transmitter&w5=Military+surplus+stores&w6=Radio+transmitters&c=6&s=141&.sig=DI4QQaH8cXP8fk9K_0Ha6A>
> Radio transmitters

> <http://groups.yahoo.com/gads?t=ms&k=Radio+transmitters&w1=Two+way+radio&w2=Military+surplus&w3=Satellite+radio&w4=Fm+radio+transmitter&w5=Military+surplus+stores&w6=Radio+transmitters&c=6&s=141&.sig=CWGIUTx0d_hHmUg4DbUzKw>
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> ---
> YAHOO! GROUPS LINKS
>
> * Visit your group "T-368_BC-610
> <http://groups.yahoo.com/group/T-368_BC-610>" on the web.
>
> * To unsubscribe from this group, send an email to:
> T-368_BC-610-unsubscribe@yahoogroups.com
> <mailto:T-368_BC-610-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
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[Non-text portions of this message have been removed]

# 2518. I Need A Power Resistor

Yahoo group: T-368_BC-610
Date: 2006-01-02 22:36:09 UTC
From: ab3l1@aol.com
Topic: 2518  Message: 2518

I start '06 with a heavy heart.

With haste I was trying to get the T-3 ready for the Heavy Metal night. When you get tired sometimes you forget procedures and ah..... well now I need R-4. It is an 80K wirewound, 10 1/2 inches long and, from what I can read on the faded printing, looks to be a 210watt??

How close should the value be to the original if I find a something close?

This baby feeds to the 4-400 grid and the clamper plate.

Can someone help me find one? Cash or trades........

Thank you,

Bob AB3L

[Non-text portions of this message have been removed]

# 2519. Re: [T-368_BC-610] I Need A Power Resistor

Yahoo group: T-368_BC-610
Date: 2006-01-02 23:02:59 UTC
From: w7qho@aol.com
Topic: 2518  Message: 2519

In a message dated 1/2/06 2:43:10 PM, ab3l1@... writes:

> With haste I was trying to get the T-3 ready for the Heavy Metal night.
> When
> you get tired sometimes you forget procedures and ah..... well now I
> need R-4. It is an 80K wirewound, 10 1/2 inches long and, from what I can
> read
> on the faded printing, looks to be a 210watt??
>

Bob,

Wonder how R4 came to grief? Anyway, there's another BIG 80K job down in the power supply, R58, the HV bleeder resistor. If you have trouble finding another 80K replacement for R4 you might move R58 up to the RF deck and replace the bleeder with something else. Exact value not critical for the bleeder (100K for ex., OK) just make sure the power rating is high enough.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2520. Re: [T-368_BC-610] I Need A Power Resistor

Yahoo group: T-368_BC-610
Date: 2006-01-03 12:48:21 UTC
From: ab3l1@aol.com
Topic: 2518  Message: 2520

Hi Guy's,

I'm embarassed to tell but...

I was attending to a mike connection with the soldering iron. The mike was still attached to the Radio Shack audio amp which was still attached to the T-3 which was still in the broadcast mode.

Like I said I was tired and in a gotta get it done mode. I forgot that the T-3 was still in test.

I put a meter on the soldering iron and saw milivolts to ground but thru the amp and the reverse fed tranny hookup for the audio must have put the RF over the top. R4 burned a ring around it.

The more strange thing to me was the tank caps melting out. Strange because the C-41,42, and 7 were jumped out. The former owner of this rig apparantly did the HLR mod and left the caps in to provide terminal mounting points.I bought the rig this way and only saw what was done when I really got in there to remove the caps.
One side(input)of the three had the shorting bar as I would expect from the factory. Another bar was connected to the input side and jumped across one of the caps and then onward to the S4(as I remember here at work without schematic)/coil assembly. So in other words, the three were left in there but out of the circuit by way of the jumper bar.
I guess the RF had to go somewhere and picked the caps? I have a Heathkit cap tester here and all three tested good with it but the leakage test only goes to 450v if I remember right.
Anyway, the plastic housings on the Sagamo .001's were bubbled toward their bases because of heat. The .002 made by someone else looked OK. The goo was dripping down onto the rectifier below from the meltdown.

I will be leaving the three out and get the tank hooked back up some other way.

I don't have a parts list for this thing. Maybe there is a TM that goes into this but I don't have it.
Can someone tell me what the correct wattage is on this resistor? I saw a listing for a larger value resistor with the same length and maybe a 220W rating. I can use Dennis's idea of moving the bleeder up.

As I said, embarassing, but this is how we learn. This is also how we get killed so next lesson is don't rush!!

Thanks Dennis and Joe for the reply as well.

Bob AB3L

# 2521. Re: [T-368_BC-610] I Need A Power Resistor

Yahoo group: T-368_BC-610
Date: 2006-01-03 16:33:27 UTC
From: James M. Walker
Topic: 2518  Message: 2521

That is a 200 watt resistor 80K, Ohmite part number is
L225J80K, try Newark Electronics.

That resistor drops the HV and supplies the 807W/5933 which
controls the screen supply to the 4-400A.

Mouser Electronics has them at -->
http://www.mouser.com/index.cfm?&handler=data.listcategory&D=*225*%2b*watt*%
2b*80K*&terms=225+watt+80K&Ntt=*225*%2b*watt*%2b*80K*&Dk=1&Ns=SField&N=0&crc
=false

including a pdf description.
Jim
WB2FCN

----- Original Message -----
From: <ab3l1@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Monday, January 02, 2006 5:36 PM
Subject: [T-368_BC-610] I Need A Power Resistor

> I start '06 with a heavy heart.
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> Can someone help me find one? Cash or trades........
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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# 2522. Re: [T-368_BC-610] I Need A Power Resistor

Yahoo group: T-368_BC-610
Date: 2006-01-03 17:17:54 UTC
From: ab3l1@aol.com
Topic: 2518  Message: 2522

Thank you James,

Is there a Training Manual that has a list of all the T-368 part specs in it?
Seems like they would have done it for the repair depot's.

Bob AB3L

# 2523. Re: [T-368_BC-610] I Need A Power Resistor

Yahoo group: T-368_BC-610
Date: 2006-01-03 17:53:21 UTC
From: wa5cab@cs.com
Topic: 2518  Message: 2523

Bob,

No, it's in TM 11-5820-258-35P, but I've never seen nor heard of a copy.
LOGSA doesn't have it (either).

In a message dated 1/3/2006 11:24:00 AM Central Standard Time, ab3l1@...
writes:
> Thank you James,
>
> Is there a Training Manual that has a list of all the T-368 part specs in
> it?
> Seems like they would have done it for the repair depot's.
>
> Bob AB3L

Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2524. RF/Exciter Deck

Yahoo group: T-368_BC-610
Date: 2006-01-03 19:03:17 UTC
From: Keith Densmore
Topic: 2524  Message: 2524

Greetings to All,
I have recently aquired a T-3 and I plan on doing a restoration of it over the rest of the winter. I think I can handle everything on it with the exception of the exciter/rf front panel.
Does anyone re-paint and letter them?
Alternately, does anyone have a redone panel or very good original for sale?

Thanks,
Keith, VE3TS

[Non-text portions of this message have been removed]

# 2525. Re: [T-368_BC-610] RF/Exciter Deck

Yahoo group: T-368_BC-610
Date: 2006-01-03 20:43:59 UTC
From: ab3l1@aol.com
Topic: 2524  Message: 2525

Hi Keith,

Try Howard Mills W3HM@...

He had the screens made up last year.

Bob AB3L

# 2526. Re: [T-368_BC-610] I Need A Power Resistor

Yahoo group: T-368_BC-610
Date: 2006-01-03 23:10:44 UTC
From: ab3l1@aol.com
Topic: 2518  Message: 2526

In a message dated 1/3/2006 12:53:21 P.M. Eastern Standard Time,
WA5CAB@... writes:

Bob,

No, it's in TM 11-5820-258-35P, but I've never seen nor heard of a copy.
LOGSA doesn't have it (either).

OK Bob,

I saw that number in front of one of the manuals that I have here. It
mentions that there is a parts section in it. To be referred to as the mystery
manual.

Bob AB3L

[Non-text portions of this message have been removed]

# 2527. Bounced...?

Yahoo group: T-368_BC-610
Date: 2006-01-04 23:41:06 UTC
From: Rick Brashear
Topic: 2527  Message: 2527

Please excuse me for using the list in this manner, but my e-mail does not seem to be getting through to a member. Dan, if you receive this e-mail please contact me here or my e-mail address. I have received your e-mail, but you are evidently not getting my replies.

Thanks for the bandwidth...
Rick
K5IZ

# 2528. Re: [T-368_BC-610] I Need A Power Resistor

Yahoo group: T-368_BC-610
Date: 2006-01-05 01:15:27 UTC
From: ELDIM
Topic: 2518  Message: 2528

I believe that TMC uses an 18 K Ohm @ 120W-140W.
I don't believe that I have any in stock unless they are still (very likely) buried in the wharehouse.
I sold my last ones to MR.TMC.....who I will check and see if he is willing to part with one.
If he says, "YES", then I'll cheerfully provide his name to the needy individuals(s).
He collects ONLY TMC stuff, meaning parts, assemblies, etc. So if anyone has TMC items (TECHNICAL MATERIAL CORP), then I would love to know what you have avilable for SALE or TRADE.....
HAPPY NEW YEAR to a GREAT BUNCK of FOLKS.
73,
Glen Galati, KA7BOJ
Tacoma, WA
eldim@...
www.el-dim.com
p.s. I looking for round rubber earcushions. PN: MX-41AR
----- Original Message -----
From: ab3l1@...
To: WA5CAB@... ; T-368_BC-610@yahoogroups.com
Sent: Tuesday, January 03, 2006 3:10 PM
Subject: Re: [T-368_BC-610] I Need A Power Resistor

In a message dated 1/3/2006 12:53:21 P.M. Eastern Standard Time,
WA5CAB@... writes:

Bob,

No, it's in TM 11-5820-258-35P, but I've never seen nor heard of a copy.
LOGSA doesn't have it (either).

OK Bob,

I saw that number in front of one of the manuals that I have here. It
mentions that there is a parts section in it. To be referred to as the mystery
manual.

Bob AB3L

[Non-text portions of this message have been removed]

SPONSORED LINKS Two way radio Military surplus Satellite radio
Fm radio transmitter Military surplus stores Radio transmitters

---
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a.. Visit your group "T-368_BC-610" on the web.

b.. To unsubscribe from this group, send an email to:
T-368_BC-610-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

---

[Non-text portions of this message have been removed]

# 2529. Madness...!

Yahoo group: T-368_BC-610
Date: 2006-01-07 07:35:22 UTC
From: w7qho@aol.com
Topic: 2529  Message: 2529

A 6000 went for $170 on the e-place today.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2530. type 6000 tube on Ebay

Yahoo group: T-368_BC-610
Date: 2006-01-07 15:37:15 UTC
From: Tom Norris
Topic: 2530  Message: 2530

Several days to go, etc. This is from the same fellow that managed to get a bid of $71 for an R-390 antenna adaptor! EEK! Interesting.

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=5851444571

No connection, affiliation, never dated his sister, etc

Tom NU4G

# 2531. Re: [T-368_BC-610] type 6000 tube on Ebay

Yahoo group: T-368_BC-610
Date: 2006-01-07 17:57:37 UTC
From: Joe Foley
Topic: 2530  Message: 2531

For those who complained about the $79 6000 tube:

http://cgi.ebay.com/Tung-Sol-CTL-6000-JAN-T-368_W0QQitemZ5848712090QQcategoryZ48710QQssPageNameZWDVWQQrdZ1QQcmdZViewItem

I wonder how many this guy has in stock.

Joe

--- Tom Norris <r390a@...> wrote:

> Several days to go, etc. This is from the same
> fellow that managed to
> get a bid of $71 for an R-390 antenna adaptor! EEK!
> Interesting.
>
>
http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=5851444571
>
> No connection, affiliation, never dated his sister,
> etc
>
> Tom NU4G
>

_____
Yahoo! DSL ? Something to write home about.
Just $16.99/mo. or less.
dsl.yahoo.com

# 2532. FS: SET OF FOUR SHOCK MOUNTS

Yahoo group: T-368_BC-610
Date: 2006-01-07 21:44:26 UTC
From: Brian Carling
Topic: 2532  Message: 2532

FOR SALE:

SET OF FOUR SHOCK MOUNTS - Barry Mount type 780-
10G.
Suitable for mounting and protecting radios and
other
delicate electronic equipment. New, and unused.
These are 2-3/8" square and mount through the four
corner holes on 2" centers.
The top mount has a threaded hex female fitting,
appears
to be #10 threads.
Set of 4 available for $22.00 plus shipping.

Picture and details at:
http://www.af4k.com/miscpart.htm

# 2533. Re: [T-368_BC-610] type 6000 tube on Ebay

Yahoo group: T-368_BC-610
Date: 2006-01-07 21:59:20 UTC
From: doran platt
Topic: 2530  Message: 2533

Dunno... I still have a few of them left after buying out Antiuque's
supply of them from a "reasonable" price. Hooaaa..... $170!!!!

Joe Foley wrote:

> For those who complained about the $79 6000 tube:
>
> http://cgi.ebay.com/Tung-Sol-CTL-6000-JAN-T-368_W0QQitemZ5848712090QQcategoryZ48710QQssPageNameZWDVWQQrdZ1QQcmdZViewItem
>
> I wonder how many this guy has in stock.
>
> Joe
>
>
>

[Non-text portions of this message have been removed]

# 2534. Re: [T-368_BC-610] Madness...!

Yahoo group: T-368_BC-610
Date: 2006-01-08 00:02:49 UTC
From: Tom Norris
Topic: 2529  Message: 2534

I think some folks are on e-crack this weekend.
There was a $25 antenna adaptor for the R-390 that went for $71 and
a HAL ST-6 that went for over $200 The weekend isn't even over yet!!

See my earlier post for a link to another 6000 listed on the 'bay.
It's up
to over $40 with 6 days to go - sold by the same fellow with the $71
antenna adaptor.

Is there a strange planetary alignment this week that wasn't advertised?

Tom NU4G

On Jan 7, 2006, at 1:35 AM, w7qho@... wrote:

> A 6000 went for $170 on the e-place today.
>
> Dennis D. W7QHO
> Glendale, CA
>
>

# 2535. Re: [T-368_BC-610] type 6000 tube on Ebay

Yahoo group: T-368_BC-610
Date: 2006-01-08 14:42:02 UTC
From: george portell
Topic: 2530  Message: 2535

do these people hording the 6000 tubes think their t3
is going to burn out that many? there are other tubes
that will work just as well if not somewhat
better.cant see what the fuss is about.bro geo w8qbg.

--- doran platt <jeepp@...> wrote:

> Dunno... I still have a few of them left after
> buying out Antiuque's
> supply of them from a "reasonable" price.
> Hooaaa..... $170!!!!
>
> Joe Foley wrote:
>
> > For those who complained about the $79 6000 tube:
> >
> >
>
http://cgi.ebay.com/Tung-Sol-CTL-6000-JAN-T-368_W0QQitemZ5848712090QQcategoryZ48710QQssPag
eNameZWDVWQQrdZ1QQcmdZViewItem
> >
> > I wonder how many this guy has in stock.
> >
> > Joe
> >
> >
> >
>
>
> [Non-text portions of this message have been
> removed]
>
>

---------------------------------------
Yahoo! DSL ? Something to write home about.
Just $16.99/mo. or less.
dsl.yahoo.com

# 2536. Re: [T-368_BC-610] type 6000 tube on Ebay

Yahoo group: T-368_BC-610
Date: 2006-01-08 15:14:15 UTC
From: doran platt
Topic: 2530  Message: 2536

George, Don't know if having a half-dozen is hording, or not, but can you relate which tube(s) will work well or better than the 6000? I understand from W7QHO that most require circuit changes, albeit simple, to accomodate the new tube. Thanks for your info
Jeep/K3HVG

george portell wrote:

>do these people hording the 6000 tubes think their t3
>is going to burn out that many? there are other tubes
>that will work just as well if not somewhat
>better.cant see what the fuss is about.bro geo w8qbg.
>
>
>
>
>

# 2537. RE: [T-368_BC-610] type 6000 tube on Ebay

Yahoo group: T-368_BC-610
Date: 2006-01-08 15:18:07 UTC
From: Mike Feher
Topic: 2530  Message: 2537

The 25AV5, naturally. I honestly do not remember changing anything when I placed a 25AV5 in my T-368F about 18 or so years ago. It is still in there working fine. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of doran platt
Sent: Sunday, January 08, 2006 10:14 AM
To: george portell
Cc: t-368_bc-610@yahoogroups.com
Subject: Re: [T-368_BC-610] type 6000 tube on Ebay

George, Don't know if having a half-dozen is hording, or not, but can you relate which tube(s) will work well or better than the 6000? I understand from W7QHO that most require circuit changes, albeit simple, to accomodate the new tube. Thanks for your info
Jeep/K3HVG

george portell wrote:

>do these people hording the 6000 tubes think their t3
>is going to burn out that many? there are other tubes
>that will work just as well if not somewhat
>better.cant see what the fuss is about.bro geo w8qbg.
>
>
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>
>

Yahoo! Groups Links

# 2538. Re: [T-368_BC-610] type 6000 tube on Ebay

Yahoo group: T-368_BC-610
Date: 2006-01-08 23:13:57 UTC
From: w7qho@aol.com
Topic: 2530  Message: 2538

In a message dated 1/8/06 7:18:13 AM, n4fs@... writes:

> The 25AV5, naturally. I honestly do not remember changing anything when I
> placed a 25AV5 in my T-368F about 18 or so years ago. It is still in there
> working fine. 73 - Mike
>
>

The subject of 6000 subs comes up once or twice a year. The 25AV5 has the same base pinout the as the 6000 and a compatible heater voltage. However, when I plugged one into my Basic about 10 years ago I immediately observed a) "high" plate current, and b) the tube didn't cut off on key-up. Don't remember just how much plate current was flowing in either case but remember being concerned about plate dissipation so I fed the screen off or a WW pot in a voltage divider circuit. Easy mod that gave me a more comfortable operating plate current, allowed for complete cutoff on key-up and still provided sufficient drive to the 4-400 across the rig's frequency range. Mike reports long term, satisfactory results without these mods so T368's may vary in their characteristics one to another. Way back, though, I remember someone else doing this and experiencing reduced tube (25AV5) life. Anyone else have experience here?

The 6000 has an unusual base pinout which limits direct plug in substitutions. A 6AV5 would only require picking up a different heater voltage and if this were done the smaller 6AU5 (same base pinout) might also work. Tight quarters around the 6000 socket on the exciter chassis make major rewiring unattractive, but if one is willing to take on the task, such tubes as the 6BQ6, 2E26, 6146 or and even one of the skinnier versions of the 6L6 would be candidates.

Too bad the 6000 is so scarce. Tough little jug that would be useful in a lot of applications. Anyone ever seen one designed into anything besides the T368?

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2539. Re: [T-368_BC-610] type 6000 tube on Ebay

Yahoo group: T-368_BC-610
Date: 2006-01-09 01:25:29 UTC
From: Gene Beckwith
Topic: 2530  Message: 2539

Joe,

Antique Radio Supply used to handle these on a random basis, not so long ago....

Perhaps it's worth keeping in touch with them on the 6000 from time to time...

Gene

W8KXR

Joe Foley wrote:

>For those who complained about the $79 6000 tube:
>
>http://cgi.ebay.com/Tung-Sol-CTL-6000-JAN-T-368_W0QQitemZ5848712090QQcategoryZ48710QQssPageNameZWDVWQQrdZ1QQcmdZViewItem
>
>I wonder how many this guy has in stock.
>
>Joe
>
>
>
>
>--- Tom Norris <r390a@...> wrote:
>
>
>
>>Several days to go, etc. This is from the same
>>fellow that managed to
>>get a bid of $71 for an R-390 antenna adaptor! EEK!
>>Interesting.
>>
>>

# 2540. RE: [T-368_BC-610] type 6000 tube on Ebay

Yahoo group: T-368_BC-610
Date: 2006-01-09 14:42:49 UTC
From: george portell
Topic: 2530  Message: 2540

you are right mike i use a 25av5 in one of my vfo,it
works fine.i did add the screen pot to reduce the
plate diss of the tube but the tube did the job as
just a plug in replacement .one also use other tubes
with diff fil voltage req with a simple
change in fil supply.any one who pays that kinda money
for a 6000 tube and brags abt it ,deserves getting
s----d,73`s for now bro geo w8qbg.
--- Mike Feher <n4fs@...> wrote:

> The 25AV5, naturally. I honestly do not remember
> changing anything when I
> placed a 25AV5 in my T-368F about 18 or so years
> ago. It is still in there
> working fine. 73 - Mike
>
>
> Mike B. Feher, N4FS
> 89 Arnold Blvd.
> Howell, NJ, 07731
> 732-886-5960
>
>
>
> -----Original Message-----
> From: T-368_BC-610@yahoogroups.com
> [mailto:T-368_BC-610@yahoogroups.com] On
> Behalf Of doran platt
> Sent: Sunday, January 08, 2006 10:14 AM
> To: george portell
> Cc: t-368_bc-610@yahoogroups.com
> Subject: Re: [T-368_BC-610] type 6000 tube on Ebay
>
> George, Don't know if having a half-dozen is
> hording, or not, but can
> you relate which tube(s) will work well or better
> than the 6000? I
> understand from W7QHO that most require circuit
> changes, albeit simple,
> to accomodate the new tube. Thanks for your info
> Jeep/K3HVG
>
> george portell wrote:
>
> >do these people hording the 6000 tubes think their

> t3
> >is going to burn out that many? there are other
> tubes
> >that will work just as well if not somewhat
> >better.cant see what the fuss is about.bro geo
> w8qbg.
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dsl.yahoo.com

# 2541. (no subject)

Yahoo group: T-368_BC-610
Date: 2006-01-10 05:17:33 UTC
From: alan morriss
Topic: 2541  Message: 2541

hello all, can anyone tell me what the actual designation of the scr 399 typewriter is ? i will then know what to look for ! i expect it is a mill type using a roll of paper, but there is nothing in the manual cheers, alan morriss

[Non-text portions of this message have been removed]

# 2542. K0DAN

Yahoo group: T-368_BC-610
Date: 2006-01-10 03:13:19 UTC
From: rickbras
Topic: 2542  Message: 2542

Would someone please contact Dan (K0DAN) via e-mail and let him know I am unable to reach him through his e-mail address. I have been trying for at least a week and he keeps sending me e-mail, but is not receiving my responses. He is a member of this list and hopefully this will be forwarded to him.

Thanks,
Rick
K5IZ

# 2543. T-368 Forsale

Yahoo group: T-368_BC-610
Date: 2006-01-15 19:09:32 UTC
From: Rich
Topic: 2543  Message: 2543

Try looking up on www.amfone classified ( T-368 ) Unit forsale by WD2AFJ ( Ray )Unit is in GREAT operational condition with simple audio mods. Good Luck All

W2OBR ( Rich )

# 2544. T-368 Plate Transformer

Yahoo group: T-368_BC-610
Date: 2006-01-15 19:17:56 UTC
From: Rich
Topic: 2544  Message: 2544

I am in need of a HV Plate transformer for the T-368.
de Rich ( w2obr@comcast.net ).
(732) 505-0843

# 2545. T-368 Plate Transformer

Yahoo group: T-368_BC-610
Date: 2006-01-15 19:17:55 UTC
From: Rich
Topic: 2544  Message: 2545

I am in need of a HV Plate transformer for the T-368.
de Rich ( w2obr@comcast.net ).
(732) 505-0843

# 2546. RF AMMETERS

Yahoo group: T-368_BC-610
Date: 2006-01-16 00:20:57 UTC
From: k0dan
Topic: 2546  Message: 2546

Need a working RF ammeter from a BC-939, OR a matching pair of any type RF ammeters which can handle 10-15 RF amps.

Anyone got?

Thanks and 73

Dan
K0DAN
k0dan at comcast dot net

# 2547. Re: [T-368_BC-610] RF AMMETERS

Yahoo group: T-368_BC-610
Date: 2006-01-16 01:18:18 UTC
From: rbethman@comcast.net
Topic: 2546  Message: 2547

Dan,

I wouldn't know of anyone that would part out a BC-939, NOR anyone that simply has parts for them.

Try looking at the BC-610 TM and see if you can get enough info to obtain an equivalent or replacement.

I've got two BC-610s and two BC-939s. They will most likely have to be dealt with EITHER after I die OR I finally get too old for this HEAVY stuff. (A young 55 going on 56 in about 4+ months!)

Bob - N0DGN

---------- Original message ----------
From: "k0dan" <k0dan@...>
> Need a working RF ammeter from a BC-939, OR a matching pair of any type RF
> ammeters which can handle 10-15 RF amps.
>
> Anyone got?
>
> Thanks and 73
>
> Dan
> K0DAN
> k0dan at comcast dot net

# 2548. JB-70A

Yahoo group: T-368_BC-610
Date: 2006-01-16 15:02:28 UTC
From: Rick Brashear
Topic: 2548  Message: 2548

Good morning...

I am still looking for a JB-70A junction box for the BC-610(*) and the TRA-7 FSK Exciter. If anyone has one they are willing to part with or if anyone knows of someone with either of these jewels I would be very appreciative of the info.

Thanks and 73 to all...
Rick
K5IZ

# 2549. KC8VKZ?

Yahoo group: T-368_BC-610
Date: 2006-01-16 19:09:21 UTC
From: redmenaced
Topic: 2549  Message: 2549

Do a search for him,... if you haven't already.

Joe

# 2550. Re: [T-368_BC-610] KC8VKZ?

Yahoo group: T-368_BC-610
Date: 2006-01-16 20:26:47 UTC
From: ab3l1@aol.com
Topic: 2549  Message: 2550

Yes, Randal McCloy, I sent him my QSL with a note last week.

# 2551. T-368 VFO and Speech Amp

Yahoo group: T-368_BC-610
Date: 2006-01-18 02:23:01 UTC
From: k1jnn
Topic: 2551  Message: 2551

Hi Guys hope all is well...I have an extra VFO with a NOS 6000
tube and a Speech Amp that I would like to pass on...$325
for all. 100% complete do not know operational status...Guess that
the NOS 6000 is worth almost that much HI !!!
I live in the Dallas Area.

Thanks all...Bob W1PE

# 2552. 2A3 tube

Yahoo group: T-368_BC-610
Date: 2006-01-20 02:17:55 UTC
From: kr4brjerry
Topic: 2552  Message: 2552

Hi, Everybody Is there a replacement for the 2A3? I found after my recent move that a 2A3 from my BC610-E got broken, 73s jerry

# 2553. BC-610-E Plate current...

Yahoo group: T-368_BC-610
Date: 2006-01-20 19:56:01 UTC
From: Rick Brashear
Topic: 2553  Message: 2553

Hi,

I am in a quandary. I tune my "E" model up to 400 watts in "CW" mode as indicated on a Bird 43 watt meter with a 1K slug. All goes according to the manual except the Plate Current is only 190 ma after resonance is reached. In the TM 11-281 manual it states the Plate Current should be around 250 ma for full output of 400 watts. When I move to "Phone" position the Plate Current is only 160 ma with an output of 310 watts. This is all done with the BC-610 attached to a Heathkit Cantenna 50 ohm dummy load. I have adjusted the plate coil to virtually every possible position to attain the best transfer of power to the load, but still am unable to achieve anything like 250 - 290 ma of Plate Current as the manual suggests. The plate voltage is within 10% of the manual's specification. I have all new tubes which I have substituted several of them to be sure they are all good. The "P.A. Plate" meter is within 1% of the reading I get on my Fluke 189 and it was just calibrated a few weeks ago, so I don't think it's a faulty meter. During neutralization I did get a higher plate current, but once neutralized that went away. Any suggestions? I'm at the point where I want to say "If it ain't broke, don't fix it", but I fear there may be a problem elsewhere and I do not cherish the idea of having to break this monster down again once completely assembled.

Thanks for any advice.

73,
Rick

# 2554. BC610-E

Yahoo group: T-368_BC-610
Date: 2006-01-21 05:12:50 UTC
From: kr4brjerry
Topic: 1270  Message: 2554

Hi all, I want /need to replace the small part in the exciter ,Has anyone figured out a sorce for those caps. Shortly after I aquired this rig I found a number of caps that had been over heated. I have no Idea what this thing was used for but it has a blower built in the rear cover with heavy brass RFI shields on the intake and exhaust, Looks to be from the factory. Jerry

# 2555. RE: [T-368_BC-610] BC610-E

Yahoo group: T-368_BC-610
Date: 2006-01-21 05:20:54 UTC
From: Mike Feher
Topic: 1270  Message: 2555

There were 610's built specifically for the Air Force that had some modifications of the type you are talking about. Over 25 years ago I was offered one, but, turned it down. In retrospect, it was probably a good decision as I do not have room for the stuff I have now. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of kr4brjerry
Sent: Saturday, January 21, 2006 12:13 AM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] BC610-E

Hi all, I want /need to replace the small part in the exciter ,Has anyone figured out a sorce for those caps. Shortly after I aquired this rig I found a number of caps that had been over heated. I have no Idea what this thing was used for but it has a blower built in the rear cover with heavy brass RFI shields on the intake and exhaust, Looks to be from the factory. Jerry

Yahoo! Groups Links

# 2556. Re: [T-368_BC-610] BC610-E

Yahoo group: T-368_BC-610
Date: 2006-01-21 06:55:59 UTC
From: wa5cab@cs.com
Topic: 1270  Message: 2556

Yes, but the Air Force didn't exist when the last of the -E's were built.
And even up through the -I's, there's no mention of any blowers in any of the
610 TM's or MWO's. I'd be more inclined to guess that it had been done
commercially for some AM broadcast stations. However, I finally have a TM on AN/MRC-1
inbound. If there's anything in there, I'll post it.

In a message dated 1/21/2006 12:41:16 AM Central Standard Time,
n4fs@... writes:
> There were 610's built specifically for the Air Force that had some
> modifications of the type you are talking about. Over 25 years ago I was
> offered one, but, turned it down. In retrospect, it was probably a good
> decision as I do not have room for the stuff I have now. 73 - Mike
>
>
> Mike B. Feher, N4FS
> 89 Arnold Blvd.
> Howell, NJ, 07731
> 732-886-5960
>
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>
> -----Original Message-----
> From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On
> Behalf Of kr4brjerry
> Sent: Saturday, January 21, 2006 12:13 AM
> To: T-368_BC-610@yahoogroups.com
> Subject: [T-368_BC-610] BC610-E
>
> Hi all, I want /need to replace the small part in the exciter ,Has
> anyone figured out a sorce for those caps. Shortly after I aquired this
> rig I found a number of caps that had been over heated. I have no Idea
> what this thing was used for but it has a blower built in the rear
> cover with heavy brass RFI shields on the intake and exhaust, Looks to
> be from the factory. Jerry
>

Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2557. REAR AIR VENTS BC-610 TRANSMITTER

Yahoo group: T-368_BC-610
Date: 2006-01-21 09:02:03 UTC
From: W6PSS@aol.com
Topic: 2557  Message: 2557

Gentlemen:
Perhaps I can provided limited information on the subject. In 1962, While stationed at the Master Control Radio Station for Naval Reserve Arlington Virginia (OP-942N Pentagon), we distributed several dozen complete U.S. ARMY SIGNAL CORPS Communications Vans to members of the Naval Reserve nation-wide. The requirements were that each Reservist possess a valid FCC Amateur License and agree to utilize the equipment to check into and operate often in the Wednesday evening National Naval Reserve CW Network (NNRN) at 0500Z. Each van included a BC-610H transmitter.
One collateral duty on this independent assignment was to function as NCS for the NNRN which required a 25 mile commute. The powers that be (LCDR Chuck Winnette) approved
the transfer of this net function to the home QTH using call letters NCR1.
A Navy 30' whip and BC-610H were provided for that purpose. The equipment became my own upon transfer. Yes, it was equipped with a blower and wire dust screen over its rear opening. The blower was a "Squirrel Cage (Impelling unit) bolted to the outside rear cover. Except for the top vent covered also with a wire screen to expel the heated air, the side vents were covered with crude sheet metal covers perhaps to minimize EMI/RFI and maintain adequate flow thus, perhaps, giving better control to a temperature compensating switch near the 250TH final.
Because the retrofit appearance rendered by the side vent covers, I suspicion that they, the blower and temp switch were part of a field change on some of these later models or possibly for this one batch. That's pure speculation.
It was believed the "H" models were contracted circa 1955
FYI:
Nomenclature: BC-610H
Serial: 366
Signal Corps: U.S. Army Order No. 21418-PHILA-50-7-C
MFG: The Hallicrafters Co.
Literature: CMII-281 Packed with equipment applies (Not held)
Good luck! We've got to keep these fine old girls in service for compelling reasons too lengthy for this email.
73,
david
W6PSS, W7AMI, W8PRA & others

[Non-text portions of this message have been removed]

# 2558. Re: [T-368_BC-610] BC-610-E Plate current...

Yahoo group: T-368_BC-610
Date: 2006-01-21 03:05:23 UTC
From: James M. Walker
Topic: 2553  Message: 2558

Hi Rick,
Sorry about the problem. Seems however to leave some questions, so
I will jump in here and say first, the cantenna is NOT a very good load
for the BC-610, be that as it may. What is the reflected power from
the cantenna. If it is significant then the cantenna is changing impedance,
and NOT providing a 50 ohm load to the rig.

2KV @ 190 MA = 380 watts, what is your Plate HV reading actually.

My unit with 2KV @ 200 MA read 400 watts into the ME-165, with
0 reflected watts, there will be differences in readings from unit to unit.
I can load the rig to 250 MA into a 50 ohm load but no more at any
adjustment of the swinging link.

As you say if it works don't fix it, but make sure it isn't trying to handle
excessive amounts of reflected power.

YMMV
Jim
WB2FCN

----- Original Message -----
From: "Rick Brashear" <rickbras@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Friday, January 20, 2006 2:56 PM
Subject: [T-368_BC-610] BC-610-E Plate current...

> Hi,
>
> I am in a quandary. I tune my "E" model up to 400 watts in "CW" mode as
> indicated on a Bird 43 watt meter with a 1K slug. All goes according to
> the manual except the Plate Current is only 190 ma after resonance is
> reached. In the TM 11-281 manual it states the Plate Current should be
> around 250 ma for full output of 400 watts. When I move to "Phone"
> position the Plate Current is only 160 ma with an output of 310 watts.
> This is all done with the BC-610 attached to a Heathkit Cantenna 50 ohm
> dummy load. I have adjusted the plate coil to virtually every possible
> position to attain the best transfer of power to the load, but still am
> unable to achieve anything like 250 - 290 ma of Plate Current as the
> manual suggests. The plate voltage is within 10% of the manual's
> specification. I have all new tubes which I have substituted several of
> them to be sure they are all good. The "P.A. Plate" meter is within 1%
> of the reading I get on my Fluke 189 and it was just calibrated a few
> weeks ago, so I don't think it's a faulty meter. During neutralization
> I did get a higher plate current, but once neutralized that went away.
> Any suggestions? I'm at the point where I want to say "If it ain't

> broke, don't fix it", but I fear there may be a problem elsewhere and I
> do not cherish the idea of having to break this monster down again once
> completely assembled.
>
> Thanks for any advice.
>
> 73,
> Rick
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> Yahoo! Groups Links
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# 2559. Re: [T-368_BC-610] BC-610-E Plate current...

Yahoo group: T-368_BC-610
Date: 2006-01-21 16:28:05 UTC
From: Keith Densmore
Topic: 2553  Message: 2559

Low output of any final amplifier can be the result of any of the following. This assumes the tubes are good. Methodically check each reading until the offending culprit is found. I don't own a BC-610 but this guide should work for just about any PA.

SWR/Mismatch/Neutrilization (already suggested).
Low plate voltage. (Already checked)
Low screen voltage at the tube.
Bias too high on the control grid.
Insufficient drive to the control grid.
Unwanted resistance in the cathode circuit. (If applicable).
Low filament voltage.

Hope this helps,
Keith, VE3TS

----- Original Message -----
From: James M. Walker
To: T-368_BC-610@yahoogroups.com ; Rick Brashear
Sent: Friday, January 20, 2006 10:05 PM
Subject: Re: [T-368_BC-610] BC-610-E Plate current...

Hi Rick,
Sorry about the problem. Seems however to leave some questions, so
I will jump in here and say first, the cantenna is NOT a very good load
for the BC-610, be that as it may. What is the reflected power from
the cantenna. If it is significant then the cantenna is changing impedance,
and NOT providing a 50 ohm load to the rig.

2KV @ 190 MA = 380 watts, what is your Plate HV reading actually.

My unit with 2KV @ 200 MA read 400 watts into the ME-165, with
0 reflected watts, there will be differences in readings from unit to unit.
I can load the rig to 250 MA into a 50 ohm load but no more at any
adjustment of the swinging link.

As you say if it works don't fix it, but make sure it isn't trying to handle
excessive amounts of reflected power.

YMMV
Jim
WB2FCN

----- Original Message -----
From: "Rick Brashear" <rickbras@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Friday, January 20, 2006 2:56 PM
Subject: [T-368_BC-610] BC-610-E Plate current...

> Hi,
>
> I am in a quandary. I tune my "E" model up to 400 watts in "CW" mode as
> indicated on a Bird 43 watt meter with a 1K slug. All goes according to
> the manual except the Plate Current is only 190 ma after resonance is
> reached. In the TM 11-281 manual it states the Plate Current should be
> around 250 ma for full output of 400 watts. When I move to "Phone"
> position the Plate Current is only 160 ma with an output of 310 watts.
> This is all done with the BC-610 attached to a Heathkit Cantenna 50 ohm
> dummy load. I have adjusted the plate coil to virtually every possible
> position to attain the best transfer of power to the load, but still am
> unable to achieve anything like 250 - 290 ma of Plate Current as the
> manual suggests. The plate voltage is within 10% of the manual's
> specification. I have all new tubes which I have substituted several of
> them to be sure they are all good. The "P.A. Plate" meter is within 1%
> of the reading I get on my Fluke 189 and it was just calibrated a few
> weeks ago, so I don't think it's a faulty meter. During neutralization
> I did get a higher plate current, but once neutralized that went away.
> Any suggestions? I'm at the point where I want to say "If it ain't
> broke, don't fix it", but I fear there may be a problem elsewhere and I
> do not cherish the idea of having to break this monster down again once
> completely assembled.
>
> Thanks for any advice.
>
> 73,
> Rick
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> Yahoo! Groups Links
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YAHOO! GROUPS LINKS

a.. Visit your group "T-368_BC-610" on the web.

b.. To unsubscribe from this group, send an email to:
T-368_BC-610-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

---

[Non-text portions of this message have been removed]

# 2560. Re: [T-368_BC-610] BC-610-E Plate current...

Yahoo group: T-368_BC-610
Date: 2006-01-21 17:16:23 UTC
From: James M. Walker
Topic: 2553  Message: 2560

Rick,
here's a question for you, did you mention you have plate current when neutralizing the rig?

Next is BIAS, the question is where is the bias voltage reading?

Remember you have to set the bias voltage to the 250TH after you set the filament voltage meter to 5.0 - 5.3 volts, this sets the ac input to the bias supply as well. Then set the bias to the 250TH. It can be a little tricky.

Then Neutralization is done in the 6 - 8 Mhz range, manual says at the high end of that range. No HV on the unit during adjustments.

Oh and 2475 seems high, what is your main AC input 125 or there abouts?
Note if this is an "E" model there is no facility to restrap the transformers for
a higher AC input, a variac is definitely indicated here for the main AC input.
Don't want to lose transformers.

Jim
WB2FCN

----- Original Message -----
From: "Rick Brashear" <rickbras@...>
To: "James M. Walker" <chejmw@...>
Sent: Saturday, January 21, 2006 11:10 AM
Subject: Re: [T-368_BC-610] BC-610-E Plate current...

> Good morning Jim,
> You're right, the Cantenna is not a very good load for the BC-610. The
> reflected power is less than 2 watts, so I am getting a good match, but at
> what expense I don't know. Possibly having to tune to a load not designed
> for the 610 is limiting the amount of plate current I can attain.
>
> I have a plate voltage of 2475 vdc and with a plate current of 190 ma I am
> inputting approximately 470 watts. However, that does not compute to the
> output reading I am getting of 395 watts as measured with the Bird watt
> meter. I seem to have sufficient grid drive.
>
> I know "the proof is in the pudding" and I do have an output of
> approximately 400 watts on cw and 325 on phone, but I just hate to have
> something not 100% right.
>
> Thanks for your continued assistance...
>

> Rick
>
>
>
> James M. Walker wrote:
>
>> Hi Rick,
>> Sorry about the problem. Seems however to leave some questions, so
>> I will jump in here and say first, the cantenna is NOT a very good load
>> for the BC-610, be that as it may. What is the reflected power from
>> the cantenna. If it is significant then the cantenna is changing
>> impedance,
>> and NOT providing a 50 ohm load to the rig.
>>
>> 2KV @ 190 MA = 380 watts, what is your Plate HV reading actually.
>>
>> My unit with 2KV @ 200 MA read 400 watts into the ME-165, with
>> 0 reflected watts, there will be differences in readings from unit to
>> unit.
>> I can load the rig to 250 MA into a 50 ohm load but no more at any
>> adjustment of the swinging link.
>>
>> As you say if it works don't fix it, but make sure it isn't trying to
>> handle
>> excessive amounts of reflected power.
>>
>> YMMV
>> Jim
>> WB2FCN
>>
>> ----- Original Message ----- From: "Rick Brashear" <rickbras@...>
>> To: <T-368_BC-610@yahoogroups.com>
>> Sent: Friday, January 20, 2006 2:56 PM
>> Subject: [T-368_BC-610] BC-610-E Plate current...
>>
>>
>>> Hi,
>>>
>>> I am in a quandary. I tune my "E" model up to 400 watts in "CW" mode as
>>> indicated on a Bird 43 watt meter with a 1K slug. All goes according to
>>> the manual except the Plate Current is only 190 ma after resonance is
>>> reached. In the TM 11-281 manual it states the Plate Current should be
>>> around 250 ma for full output of 400 watts. When I move to "Phone"
>>> position the Plate Current is only 160 ma with an output of 310 watts.
>>> This is all done with the BC-610 attached to a Heathkit Cantenna 50 ohm
>>> dummy load. I have adjusted the plate coil to virtually every possible
>>> position to attain the best transfer of power to the load, but still am
>>> unable to achieve anything like 250 - 290 ma of Plate Current as the
>>> manual suggests. The plate voltage is within 10% of the manual's
>>> specification. I have all new tubes which I have substituted several of

>>> them to be sure they are all good. The "P.A. Plate" meter is within 1%
>>> of the reading I get on my Fluke 189 and it was just calibrated a few
>>> weeks ago, so I don't think it's a faulty meter. During neutralization
>>> I did get a higher plate current, but once neutralized that went away.
>>> Any suggestions? I'm at the point where I want to say "If it ain't
>>> broke, don't fix it", but I fear there may be a problem elsewhere and I
>>> do not cherish the idea of having to break this monster down again once
>>> completely assembled.
>>>
>>> Thanks for any advice.
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>>> 73,
>>> Rick
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# 2561. Re: REAR AIR VENTS BC-610 TRANSMITTER

Yahoo group: T-368_BC-610
Date: 2006-01-21 18:07:15 UTC
From: wa5cab@cs.com
Topic: 2557  Message: 2561

David,

According to the Signal Corps Order Number you quoted, the order was placed in Fiscal Year 1950. That would be Calendar Year 01 July 1949 to 20 June 1950. From the sequence number (21418), I'd guess toward the end of the FY. Of course, the -50- doesn't tell you when the transmitter was actually built and delivered, but it was probably during CY 1950.

In a message dated 1/21/2006 3:02:03 AM Central Standard Time, W6PSS@... writes:
> FYI:
> Nomenclature: BC-610H
> Serial: 366
> Signal Corps: U.S. Army Order No. 21418-PHILA-50-7-C
> MFG: The Hallicrafters Co.
> Literature: CMII-281 Packed with equipment applies (Not held)
>
>

Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2562. Re: [T-368_BC-610] BC610-E

Yahoo group: T-368_BC-610
Date: 2006-01-21 18:10:55 UTC
From: wa5cab@cs.com
Topic: 1270  Message: 2562

Well, wish someone would come up with the FC paperwork.

In a message dated 1/21/2006 8:07:08 AM Central Standard Time,
n4fs@... writes:
> I do not know why I said Air Force, except for the fact that it was used in
> airplanes. The one I was offered belonged to a friend of mine, who was a
> Captain in the Navy. The 610 previously belonged to his father and as I recall
> it had all of the cooling and hose clamps and stuff on it to be able to keep
> it cool, under pressure, at high altitudes. As I said, this has been well over
> 25 years ago, and both my memory of it now could be foggy and maybe my
> Captain friend’s was foggy at the time as well. Regardless, he is a ham, and while
> now his father is an SK he was a ham as well. I believe the father was
> involved with the procurement of a few of these transmitters, and naturally wound
> up with one. - Mike
>
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>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
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> -----Original Message-----
> From: WA5CAB@... [mailto:WA5CAB@...]
> Sent: Saturday, January 21, 2006 1:56 AM
> To: n4fs@...; viking62@...; T-368_BC-610@yahoogroups.com
> Subject: Re: [T-368_BC-610] BC610-E
>
>
>
> Yes, but the Air Force didn't exist when the last of the -E's were built.
> And even up through the -I's, there's no mention of any blowers in any of the
> 610 TM's or MWO's. I'd be more inclined to guess that it had been done
> commercially for some AM broadcast stations. However, I finally have a TM on
> AN/MRC-1 inbound. If there's anything in there, I'll post it.

>
> In a message dated 1/21/2006 12:41:16 AM Central Standard Time,
> n4fs@... writes:
>
>
>
> There were 610's built specifically for the Air Force that had some
> modifications of the type you are talking about. Over 25 years ago I was
> offered one, but, turned it down. In retrospect, it was probably a good
> decision as I do not have room for the stuff I have now. 73 - Mike
>
>
>
>
>

Robert & Susan Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2563. FS: Two Straight Keys

Yahoo group: T-368_BC-610
Date: 2006-01-21 14:28:04 UTC
From: Brian Carling
Topic: 2563  Message: 2563

FOR SALE: Two Straight Keys.

The first key is a J-37 in excellent shape, all complete and
mounted on a type J-47 base. Available for $35.00 plus shipping.

The second is a generic straight key with shorting bar.
Also in great shape. Available for $25.00 plus shipping.

Pictures and details at:
http://www.af4k.com/miscpart.htm

# 2564. RE: [T-368_BC-610] BC610-E

Yahoo group: T-368_BC-610
Date: 2006-01-21 14:07:16 UTC
From: Mike Feher
Topic: 1270  Message: 2564

I do not know why I said Air Force, except for the fact that it was used in airplanes. The one I was offered belonged to a friend of mine, who was a Captain in the Navy. The 610 previously belonged to his father and as I recall it had all of the cooling and hose clamps and stuff on it to be able to keep it cool, under pressure, at high altitudes. As I said, this has been well over 25 years ago, and both my memory of it now could be foggy and maybe my Captain friend's was foggy at the time as well. Regardless, he is a ham, and while now his father is an SK he was a ham as well. I believe the father was involved with the procurement of a few of these transmitters, and naturally wound up with one. - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

-----Original Message-----
From: WA5CAB@... [mailto:WA5CAB@...]
Sent: Saturday, January 21, 2006 1:56 AM
To: n4fs@...; viking62@...; T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] BC610-E

Yes, but the Air Force didn't exist when the last of the -E's were built. And even up through the -I's, there's no mention of any blowers in any of the 610 TM's or MWO's. I'd be more inclined to guess that it had been done commercially for some AM broadcast stations. However, I finally have a TM on AN/MRC-1 inbound. If there's anything in there, I'll post it.

In a message dated 1/21/2006 12:41:16 AM Central Standard Time, n4fs@... writes:

There were 610's built specifically for the Air Force that had some modifications of the type you are talking about. Over 25 years ago I was offered one, but, turned it down. In retrospect, it was probably a good decision as I do not have room for the stuff I have now. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of kr4brjerry

Sent: Saturday, January 21, 2006 12:13 AM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] BC610-E

Hi all, I want /need to replace the small part in the exciter ,Has anyone figured out a sorce for those caps. Shortly after I aquired this rig I found a number of caps that had been over heated. I have no Idea what this thing was used for but it has a blower built in the rear cover with heavy brass RFI shields on the intake and exhaust, Looks to be from the factory. Jerry

Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2565. T 368C unkeying problem

Yahoo group: T-368_BC-610
Date: 2006-01-22 04:57:49 UTC
From: Joe Munson
Topic: 2565  Message: 2565

Hi Group,

Well thanks to a suggestions from Tom Laird, my T 368C is back on the air with full power. The popping of the breakers when unkeying was due to the most part, a bad 5933/807W, the clamp tube. This tube tested FB, in a TV-7D, but must have broke down with the 600 or so volts of screenvoltage on the plate of the tube. While I had the beast pulled where I could get to it, a good dusting and cleaning of the insulators, interlocks, switches was performed. As far as I can tell, the unit is back up to 100 percent. Still looking for an extra speech amp deck to modify. I am still running a stock one, with no mods and usually run it with the carbon mic. I have built up a circuit to use a D 104, to just hook into the carbon mic input, getting its power form the Mic Bias voltage. Will be trying this circuit in the future.

Joe Munson
WA4VAG

[Non-text portions of this message have been removed]

# 2566. Re: [T-368_BC-610] JB-70A

Yahoo group: T-368_BC-610
Date: 2006-01-22 13:59:34 UTC
From: Gene Beckwith
Topic: 2548  Message: 2566

Rick,

I've heard of such a junction box, didn't know the nomenclature, but
have not kept up on whether it was a fully dedicated box just for the
T-3s...
Can you describe what it looks like.? size, color, etc....
Would like to keep a sharp eye out as this years Fest season
approaches....never know what nuggets lurk under the tables!

Thanks for any info...

73,
Gene

Rick Brashear wrote:

>Good morning...
>
>I am still looking for a JB-70A junction box for the BC-610(*) and the
>TRA-7 FSK Exciter. If anyone has one they are willing to part with or
>if anyone knows of someone with either of these jewels I would be very
>appreciative of the info.
>
>Thanks and 73 to all...
>Rick
>K5IZ
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>Yahoo! Groups Links
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# 2567. BC-939-A

Yahoo group: T-368_BC-610
Date: 2006-01-26 04:22:31 UTC
From: Rick Brashear
Topic: 2567  Message: 2567

I need a little help with my BC-939-A antenna tuner. There is a small terminal or connector (mine is missing) on the top of the cabinet near the back of the tuner. Can someone in the know or someone with one of these tuners for their BC-610, please, take a look and tell me if that connection is insulated from the cabinet and if so, how? It attaches to a bar inside the cabinet which in turn contacts a spring like connection on the output coil. The bar is insulated from the cabinet at the spring contact.

Thanks for any help.

Rick
K5IZ

# 2568. Re: [T-368_BC-610] BC-939-A

Yahoo group: T-368_BC-610
Date: 2006-01-26 08:56:45 UTC
From: James M. Walker
Topic: 2567  Message: 2568

Ola Rick es List,
That is a thumbscrew terminal and it is the connection for
the ground coming from the BC-939(*), goes to the chassis
of the vehicle if mobile and using a whip, or to a ground
stake "in the ground" if in a fixed operation. It has a specific
name (for the type of terminal) suffering from CRS and I can't
think of it off hand. It is necessary however whether mobile
or fixed operation is contemplated.
Jim
WB2FCN

----- Original Message -----
From: "Rick Brashear" <rickbras@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Wednesday, January 25, 2006 11:22 PM
Subject: [T-368_BC-610] BC-939-A

>I need a little help with my BC-939-A antenna tuner. There is a small
> terminal or connector (mine is missing) on the top of the cabinet near
> the back of the tuner. Can someone in the know or someone with one of
> these tuners for their BC-610, please, take a look and tell me if that
> connection is insulated from the cabinet and if so, how? It attaches to
> a bar inside the cabinet which in turn contacts a spring like connection
> on the output coil. The bar is insulated from the cabinet at the spring
> contact.
>
> Thanks for any help.
>
> Rick
> K5IZ
>
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# 2569. Re: [T-368_BC-610] BC-939-A

Yahoo group: T-368_BC-610
Date: 2006-01-26 15:31:06 UTC
From: Rick Brashear
Topic: 2567  Message: 2569

Hi James and all...

Thanks for the info and the pictures. I'm sorry to be so dense, but
does the thumbscrew terminal actually ground to the cabinet?

Rick

James M. Walker wrote:

> Ola Rick es List,
> That is a thumbscrew terminal and it is the connection for
> the ground coming from the BC-939(*), goes to the chassis
> of the vehicle if mobile and using a whip, or to a ground
> stake "in the ground" if in a fixed operation. It has a specific
> name (for the type of terminal) suffering from CRS and I can't
> think of it off hand. It is necessary however whether mobile
> or fixed operation is contemplated.
> Jim
> WB2FCN
>
> ----- Original Message ----- From: "Rick Brashear" <rickbras@...>
> To: <T-368_BC-610@yahoogroups.com>
> Sent: Wednesday, January 25, 2006 11:22 PM
> Subject: [T-368_BC-610] BC-939-A
>
>
>> I need a little help with my BC-939-A antenna tuner. There is a
>> small terminal or connector (mine is missing) on the top of the
>> cabinet near the back of the tuner. Can someone in the know or
>> someone with one of these tuners for their BC-610, please, take a
>> look and tell me if that connection is insulated from the cabinet and
>> if so, how? It attaches to a bar inside the cabinet which in turn
>> contacts a spring like connection on the output coil. The bar is
>> insulated from the cabinet at the spring contact.
>>
>> Thanks for any help.
>>
>> Rick
>> K5IZ
>>
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>> ------------------------ Yahoo! Groups Sponsor
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>> http://us.click.yahoo.com/_mKGzA/GARHAA/kkyPAA/CPMolB/TM
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# 2570. Re: [T-368_BC-610] BC-939-A

Yahoo group: T-368_BC-610
Date: 2006-01-26 16:06:58 UTC
From: James M. Walker
Topic: 2567  Message: 2570

Yep,
If you turn the cover over you will see a long silver coated
bar that runs towards the front of the unit. It makes contact
with the input coil of the unit L5 in the manual.
Jim
WB2FCN

----- Original Message -----
From: "Rick Brashear" <rickbras@...>
To: "James M. Walker" <chejmw@...>
Cc: <T-368_BC-610@yahoogroups.com>
Sent: Thursday, January 26, 2006 10:31 AM
Subject: Re: [T-368_BC-610] BC-939-A

> Hi James and all...
>
> Thanks for the info and the pictures. I'm sorry to be so dense, but
> does the thumbscrew terminal actually ground to the cabinet?
>
> Rick
>
>
>
> James M. Walker wrote:
>
> > Ola Rick es List,
> > That is a thumbscrew terminal and it is the connection for
> > the ground coming from the BC-939(*), goes to the chassis
> > of the vehicle if mobile and using a whip, or to a ground
> > stake "in the ground" if in a fixed operation. It has a specific
> > name (for the type of terminal) suffering from CRS and I can't
> > think of it off hand. It is necessary however whether mobile
> > or fixed operation is contemplated.
> > Jim
> > WB2FCN
> >
> > ----- Original Message ----- From: "Rick Brashear"
<rickbras@...>
> > To: <T-368_BC-610@yahoogroups.com>
> > Sent: Wednesday, January 25, 2006 11:22 PM
> > Subject: [T-368_BC-610] BC-939-A
> >
> >
> >> I need a little help with my BC-939-A antenna tuner. There is a
> >> small terminal or connector (mine is missing) on the top of the

> >> cabinet near the back of the tuner. Can someone in the know or
> >> someone with one of these tuners for their BC-610, please, take a
> >> look and tell me if that connection is insulated from the cabinet and
> >> if so, how? It attaches to a bar inside the cabinet which in turn
> >> contacts a spring like connection on the output coil. The bar is
> >> insulated from the cabinet at the spring contact.
> >>
> >> Thanks for any help.
> >>
> >> Rick
> >> K5IZ
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> >> ------------------------ Yahoo! Groups Sponsor
> >> ----------------------~--> Listen to Internet Radio! Access to your
> >> favorite Artists!
> >> Click to listen to LAUNCHcast now!
> >> http://us.click.yahoo.com/_mKGzA/GARHAA/kkyPAA/CPMolB/TM
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# 2571. BC-939-A Mounts

Yahoo group: T-368_BC-610
Date: 2006-01-26 20:54:28 UTC
From: Rick Brashear
Topic: 2571  Message: 2571

Does anyone happen to have available for sell or trade four (4)
mountings for a BC-939-A to BC-610-E? The restoration is finally
getting close!

Thanks,
Rick
K5IZ

# 2572. Re: [T-368_BC-610] BC-939-A Mounts

Yahoo group: T-368_BC-610
Date: 2006-01-27 14:20:40 UTC
From: James M. Walker
Topic: 2571  Message: 2572

Rick and group,
the mounts for the BC-939(*) to the BC-610(*)
can be had by acquiring 4 (four) each 10-32 hex stand-offs 2 inch,
and 10-32 X 3 screws, and 10-32 wing-nuts. Flat washers on the
inside of the top cover of the BC-610, and also under the wing
nuts total = 8 (eight).
Jim
WB2FCN

----- Original Message -----
From: "Rick Brashear" <rickbras@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Thursday, January 26, 2006 3:54 PM
Subject: [T-368_BC-610] BC-939-A Mounts

> Does anyone happen to have available for sell or trade four (4)
> mountings for a BC-939-A to BC-610-E? The restoration is finally
> getting close!
>
> Thanks,
> Rick
> K5IZ
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# 2573. REDUCED: NIB Amperite Delay Relays $1

Yahoo group: T-368_BC-610
Date: 2006-01-29 10:34:25 UTC
From: Brian Carling
Topic: 2573  Message: 2573

REDUCED:
Amperite Time Delay Relays - New In Box.

All are new and in the boxes.
26NO60T (9-pin mini base, 24-28V, 60 sec.)
QTY 3 - $2.00 each or....
BUY ALL THREE FOR $3.00 PLUS SHIPPING!!

115NO2 = 2 seconds, normally open contact.
(octal socket, 115-120V) - 1 left - Available for
$5.00

BUY all 4 of the above relays for $6.00
plus $5 for shipping.

# 2574. BC-610-E RF deck interlock switches mounting?

Yahoo group: T-368_BC-610
Date: 2006-02-01 16:41:13 UTC
From: g3vkm
Topic: 2574  Message: 2574

Hi All,

I posted this a while ago but still need the info. My '610-E has no interlock switches fitted on the RF deck. I got a pair of switches and their actuators with the rig but I'm not sure if they are the original type as the actuators don't seem to align with existing holes in the lids plus I can't see anywhere on the RF deck the switches would mount.

I'd be really grateful if someone with a 610-E take a few photos for me of the fittings in place.

73,

Roger/G3VKM

# 2575. WTD: BC-610-E Parts

Yahoo group: T-368_BC-610
Date: 2006-02-01 16:59:29 UTC
From: g3vkm
Topic: 2575  Message: 2575

Hi All,

Following parts wanted for my '610-E restoration:-

1) PA coils - I need C-388A (covers 3.5 to 4.5 Mc).

2)A BC-610-E front panel nameplate, ideally Hallicrafters.

3) For the BC-614-E speech amp, 0-300ma DC panel meter, 2.8" case size, square face, four hole mounting.

4)For the BC-939 antenna tuner, a 0-15 Amp RF thermocouple meter, type GE DO-53, round body, 2.8" dia. case, either three or four hole mounting. A meter with a duff thermo-couple might do provided the movement is good.

5)A pair of working solid-state rectifiers to replace the 866A mercury-vapour valves in the HV supply. (Or hints on how to roll your own).

6)600W heater element for '610 PSU

I have several good condition TU units and coils for swaps or will buy outright parts above, PayPal available.

73,

Roger/G3VKM - Norfolk, UK.

# 2576. 2A3s

Yahoo group: T-368_BC-610
Date: 2006-02-01 18:01:53 UTC
From: kr4brjerry
Topic: 2576  Message: 2576

Hi, When I relocated the QTH from florida last year, a 2A3 got broken in the move. I notice there are different types, or so they say. Gold , single plate, dual plate, black plate, Which is the way to go? thanks
KR4BR BC610-E/614

# 2577. On the E place

Yahoo group: T-368_BC-610
Date: 2006-02-05 16:08:06 UTC
From: Mark Foltarz
Topic: 2577  Message: 2577

not mine

# 5862847473

http://cgi.ebay.com/BC-610E-Transmitter-by-Hallicrafters_W0QQitemZ5862847473QQcategoryZ4675QQrdZ1QQcmdZViewItem

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http://mail.yahoo.com

# 2578. BC 939b

Yahoo group: T-368_BC-610
Date: 2006-02-05 16:39:36 UTC
From: fxdc92
Topic: 2578  Message: 2578

Is there a manual specifically for this tuner? I only find a 1.5 - 2 mhz modification in my T 368 manual which is missing some parts.

Does anyone know the range of loads it will match in the three positions, as is?

Thanks,
Fred k2dx

[Non-text portions of this message have been removed]

# 2579. Re: [T-368_BC-610] BC 939b

Yahoo group: T-368_BC-610
Date: 2006-02-05 19:21:11 UTC
From: James M. Walker
Topic: 2578  Message: 2579

Howdy,
It is NOT a matcher, it is a Coupler, firstly. The BC-939(*) is generally
used with a 15 foot whip, in mobile operation, or a 44 foot wire end fed.
The portions of the manuals for the T-368 and also the BC-610, show
the schematic for the three positions you speak of.
If you go to my site, you can get themanuals for the BC-610, and T-368
that show the schematic for the BC-939(*) units.

It actually presents a 50 ohm load to the transmitter, and inserts
inductance
and capacitance in the circuits selected to the antenna to allow a maximum
transfer of RF current to the antenna.

Jim
WB2FCN
http://eshop1.chem.buffalo.edu

Try Military

----- Original Message -----
From: "fxdc92" <fxdc92@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Sunday, February 05, 2006 11:39 AM
Subject: [T-368_BC-610] BC 939b

> Is there a manual specifically for this tuner? I only find a 1.5 - 2 mhz
> modification in my T 368 manual which is missing some parts.
>
> Does anyone know the range of loads it will match in the three positions,
> as is?
>
> Thanks,
> Fred k2dx
>
> [Non-text portions of this message have been removed]
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# 2580. Re: [T-368_BC-610] On the E place

Yahoo group: T-368_BC-610
Date: 2006-02-05 19:32:50 UTC
From: James M. Walker
Topic: 2577  Message: 2580

OK looking, however way over the top on price. Where are these
people from?

Interlocks missing, power cable smallish, and connector missing. 100THs
missing, try 300.00 plus shipping and insurance from N.J. for returnable
if damaged tubes.

Cover missing from modulator relay. 1 plate coil but loads of tuning units.
rear cover missing, or maybe not!

"Don't know the operational state. BEST OFFER 600.00 for all shown.

YMMV
FWIW
Jim
WB2FCN

----- Original Message -----
From: "Mark Foltarz" <Foltarz@...>
To: "t 368" <T-368_BC-610@yahoogroups.com>
Sent: Sunday, February 05, 2006 11:08 AM
Subject: [T-368_BC-610] On the E place

> not mine
>
> # 5862847473
>
> http://cgi.ebay.com/BC-610E-Transmitter-by-Hallicrafters_W0QQitemZ5862847473QQcategoryZ4
675QQrdZ1QQcmdZViewItem
>
> _____
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam protection around
> http://mail.yahoo.com
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> Yahoo! Groups Links
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# 2581. Re: [T-368_BC-610] On the E place

Yahoo group: T-368_BC-610
Date: 2006-02-05 19:55:18 UTC
From: Jack Taylor
Topic: 2577  Message: 2581

Isn't the color scheme way off?

Jack

----- Original Message -----
From: "James M. Walker" <chejmw@...>
To: "t 368" <T-368_BC-610@yahoogroups.com>; "Mark Foltarz"
<Foltarz@...>
Sent: Sunday, February 05, 2006 12:32 PM
Subject: Re: [T-368_BC-610] On the E place

> OK looking, however way over the top on price. Where are these
> people from?
>
> Interlocks missing, power cable smallish, and connector missing. 100THs
> missing, try 300.00 plus shipping and insurance from N.J. for returnable
> if damaged tubes.
>
> Cover missing from modulator relay. 1 plate coil but loads of tuning
units.
> rear cover missing, or maybe not!
>
> "Don't know the operational state. BEST OFFER 600.00 for all shown.
>
> YMMV
> FWIW
> Jim
> WB2FCN
>
>
> ----- Original Message -----
> From: "Mark Foltarz" <Foltarz@...>
> To: "t 368" <T-368_BC-610@yahoogroups.com>
> Sent: Sunday, February 05, 2006 11:08 AM
> Subject: [T-368_BC-610] On the E place
>
>
> > not mine
> >
> > # 5862847473
> >
> >
http://cgi.ebay.com/BC-610E-Transmitter-by-Hallicrafters_W0QQitemZ5862847473QQcategoryZ467
5QQrdZ1QQcmdZViewItem
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> > Do You Yahoo!?
> > Tired of spam? Yahoo! Mail has the best spam protection around
> > http://mail.yahoo.com
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> --
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.1.375 / Virus Database: 267.15.2/251 - Release Date: 2/4/2006
>
>

# 2582. Re: [T-368_BC-610] On the E place

Yahoo group: T-368_BC-610
Date: 2006-02-05 20:12:53 UTC
From: Rick Brashear
Topic: 2577  Message: 2582

You're being too kind, Jim. I'd say closer to $500 TOP price for
everything. The price should be lowered to compensate for having to
look at the paint job!

73,
Rick/K5IZ

James M. Walker wrote:

>OK looking, however way over the top on price. Where are these
>people from?
>
>Interlocks missing, power cable smallish, and connector missing. 100THs
>missing, try 300.00 plus shipping and insurance from N.J. for returnable
>if damaged tubes.
>
>Cover missing from modulator relay. 1 plate coil but loads of tuning units.
>rear cover missing, or maybe not!
>
>"Don't know the operational state. BEST OFFER 600.00 for all shown.
>
>YMMV
>FWIW
>Jim
>WB2FCN
>
>
>----- Original Message -----
>From: "Mark Foltarz" <Foltarz@...>
>To: "t 368" <T-368_BC-610@yahoogroups.com>
>Sent: Sunday, February 05, 2006 11:08 AM
>Subject: [T-368_BC-610] On the E place
>
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>>not mine
>>
>># 5862847473
>>
>>http://cgi.ebay.com/BC-610E-Transmitter-by-Hallicrafters_W0QQitemZ5862847473QQcategoryZ4
675QQrdZ1QQcmdZViewItem
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>>_____
>>Do You Yahoo!?
>>Tired of spam? Yahoo! Mail has the best spam protection around

>>http://mail.yahoo.com
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[Non-text portions of this message have been removed]

# 2583. Re: [T-368_BC-610] BC 939b

Yahoo group: T-368_BC-610
Date: 2006-02-05 20:29:24 UTC
From: k0dan
Topic: 2578  Message: 2583

There's a number of manuals on BAMA and LOGSA. If you can't find them, let me know and I can email to you.
73

Dan
K0DAN
k0dan at comcast dot net

----- Original Message -----
From: fxdc92
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, February 05, 2006 10:39 AM
Subject: [T-368_BC-610] BC 939b

Is there a manual specifically for this tuner? I only find a 1.5 - 2 mhz modification in my T 368 manual which is missing some parts.

Does anyone know the range of loads it will match in the three positions, as is?

Thanks,
Fred k2dx

[Non-text portions of this message have been removed]

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a.. Visit your group "T-368_BC-610" on the web.

b.. To unsubscribe from this group, send an email to:
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c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

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[Non-text portions of this message have been removed]

# 2584. Re: [T-368_BC-610] On the E place

Yahoo group: T-368_BC-610
Date: 2006-02-05 23:53:45 UTC
From: James M. Walker
Topic: 2577  Message: 2584

Naw, the color scheme, changed depending on which organization
was using it and subsequently refurbished it. Some folks in MARS program got
them
also, and the schemes there could range from O.D. to sky blue and
whatever between.

I got one from a former MARS guy once, an (I) model it was Birds Egg Blue!
Ghastly color, hurt the eyes to look at for too long :-)
Jim
WB2FCN

----- Original Message -----
From: "Jack Taylor" <jack@...>
To: "t 368" <T-368_BC-610@yahoogroups.com>
Sent: Sunday, February 05, 2006 2:55 PM
Subject: Re: [T-368_BC-610] On the E place

> Isn't the color scheme way off?
>
> Jack
>
> ----- Original Message -----
> From: "James M. Walker" <chejmw@...>
> To: "t 368" <T-368_BC-610@yahoogroups.com>; "Mark Foltarz"
> <Foltarz@...>
> Sent: Sunday, February 05, 2006 12:32 PM
> Subject: Re: [T-368_BC-610] On the E place
>
>
>> OK looking, however way over the top on price. Where are these
>> people from?
>>
>> Interlocks missing, power cable smallish, and connector missing. 100THs
>> missing, try 300.00 plus shipping and insurance from N.J. for returnable
>> if damaged tubes.
>>
>> Cover missing from modulator relay. 1 plate coil but loads of tuning
> units.
>> rear cover missing, or maybe not!
>>
>> "Don't know the operational state. BEST OFFER 600.00 for all shown.
>>
>> YMMV
>> FWIW
>> Jim
>> WB2FCN

>>
>>
>> ----- Original Message -----
>> From: "Mark Foltarz" <Foltarz@...>
>> To: "t 368" <T-368_BC-610@yahoogroups.com>
>> Sent: Sunday, February 05, 2006 11:08 AM
>> Subject: [T-368_BC-610] On the E place
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>> > not mine
>> >
>> > # 5862847473
>> >
>> >
> http://cgi.ebay.com/BC-610E-Transmitter-by-Hallicrafters_W0QQitemZ5862847473QQcategoryZ4
675QQrdZ1QQcmdZViewItem
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>> > Do You Yahoo!?
>> > Tired of spam? Yahoo! Mail has the best spam protection around
>> > http://mail.yahoo.com
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>> No virus found in this incoming message.
>> Checked by AVG Free Edition.
>> Version: 7.1.375 / Virus Database: 267.15.2/251 - Release Date: 2/4/2006
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# 2585. Re: [T-368_BC-610] On the E place

Yahoo group: T-368_BC-610
Date: 2006-02-06 16:25:32 UTC
From: doran platt
Topic: 2577  Message: 2585

Don't know if you all looked at the non-typical tech plate attached to it. This unit appears to be a piece of gear that was to be traced for lifetime determination. That is, a unit designated to be the reference unit for the "fleet". I've been involved throughout the years in life-extension and life-cycle of electronic systems, but I've never seen this tag before... Very interesting. At least one can assume that this was one of the, if not the, last one to go from the regular inventory... at least for the Army. Of course, the program may well have been scrapped along the way. $1500??? Don't hardly think so!

>

[Non-text portions of this message have been removed]

# 2586. Cables... BC-614-C to BC-342 or BC-312

Yahoo group: T-368_BC-610
Date: 2006-02-06 21:21:51 UTC
From: Rick Brashear
Topic: 2586  Message: 2586

I've searched numerous manuals and schematics and have been unable to find a "DC" source in the BC-342/312 receiver for the antenna relay (RY101) in the BC-614-C. The manual states RY101 is a 12 volt "DC" relay and it derives its power from the BC-342 or BC-312 receiver. I can find a 12 volt AC source that connects to the BC-614-C, but no DC. I am probably over looking something, but what?

I have also been unable to find a wiring diagram of the cable used to attach the speech amplifier and receivers. I can be figure it out from the schematics, but if anyone knows the pin out or has a diagram it would sure be easier.

Thanks,
Rick/K5IZ

# 2587. Re: [T-368_BC-610] Cables... BC-614-C to BC-342 or BC-312

Yahoo group: T-368_BC-610
Date: 2006-02-06 22:24:46 UTC
From: w7qho@aol.com
Topic: 2586  Message: 2587

In a message dated 2/6/06 1:26:12 PM, rickbras@... writes:

> I've searched numerous manuals and schematics and have been unable to
> find a "DC" source in the BC-342/312 receiver for the antenna relay
> (RY101) in the BC-614-C.  The manual states RY101 is a 12 volt "DC"
> relay and it derives its power from the BC-342 or BC-312 receiver.  I
> can find a 12 volt AC source that connects to the BC-614-C, but no DC.
> I am probably over looking something, but what?
>
Rick,

It actually goes the other way, i.e., the 614 "feeds" 12 vdc through RY101 to the receivers to mute them. Primary DC source was the 12 volt battery included as part of the SCR-299 system and fed into the 614 via SO-103. (This battery also powered the BC-312.)

>
> I have also been unable to find a wiring diagram of the cable used to
> attach the speech amplifier and receivers.  I can be figure it out from
> the schematics, but if anyone knows the pin out or has a diagram it
> would sure be easier.
>
In the SCR-299 everything on the table was interconnected through the wiring channel that ran underneath. For the BC-312, cord CD-545 connected SO-1 on the receiver to SO-201 on the wiring channel. For the BC-342, cords CD-564 (115vac) and CD-566 ran down to the channel. On the
BC-614, the receiver control lines came out of SO-103 down to the channel via the "Operating Control" cord (no number given in my book). Transmitter control, in turn, came out through SO-104 which did not run through the table channel.

Did you plan to connect up your receiver(s) directly or are you trying to simulate the original table setup? If the former, working out the 614 to receiver wiring and pin-outs directly from the schematics would be easier than tracing through the original box-through-channel-to-box diagrams.

Hope this helps.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2588. Re: [T-368_BC-610] Cables... BC-614-C to BC-342 or BC-312

Yahoo group: T-368_BC-610
Date: 2006-02-06 23:29:25 UTC
From: Rick Brashear
Topic: 2586  Message: 2588

Thanks Dennis, it does help, however, I'm still fuzzy on where the power for relay RY101 is derived. I know once RY101 is energized it sends the voltage to the receiver to activate the muting sequence for the receiver, but the manual says RY101 gets its 12 VDC from the receiver and is fed to pin 6 on SO103 of the 614. Does the same battery supply both? On the BC-342 schematic there is 12 VAC at terminal "J" (I think I'm right about the letter) of the inner connection socket and I can't find where it would be necessary. Needless to say, I am confused. However, the way I understand it now is the relays in both the speech amplifier and the receivers are or were powered by battery, even in the BC-342 AC model.

My intention is to simulate the original table setup, so I guess tracing the wires will not be too difficult if I can just get this relay thing clear in my feeble brain. Getting old has its advantages, I just don't know what they are!

Thanks,
Rick/K5IZ

W7QHO@... wrote:

>
> In a message dated 2/6/06 1:26:12 PM, rickbras@... writes:
>
>
>> I've searched numerous manuals and schematics and have been unable to
>> find a "DC" source in the BC-342/312 receiver for the antenna relay
>> (RY101) in the BC-614-C. The manual states RY101 is a 12 volt "DC"
>> relay and it derives its power from the BC-342 or BC-312 receiver. I
>> can find a 12 volt AC source that connects to the BC-614-C, but no DC.
>> I am probably over looking something, but what?
>
>
> Rick,
>
> It actually goes the other way, i.e., the 614 "feeds" 12 vdc through
> RY101 to the receivers to mute them. Primary DC source was the 12
> volt battery included as part of the SCR-299 system and fed into the
> 614 via SO-103. (This battery also powered the BC-312.)
>
>>
>> I have also been unable to find a wiring diagram of the cable used to
>> attach the speech amplifier and receivers. I can be figure it out from
>> the schematics, but if anyone knows the pin out or has a diagram it
>> would sure be easier.

>
>
> In the SCR-299 everything on the table was interconnected through the
> wiring channel that ran underneath. For the BC-312, cord CD-545
> connected SO-1 on the receiver to SO-201 on the wiring channel. For
> the BC-342, cords CD-564 (115vac) and CD-566 ran down to the channel.
> On the
> BC-614, the receiver control lines came out of SO-103 down to the
> channel via the "Operating Control" cord (no number given in my
> book). Transmitter control, in turn, came out through SO-104 which
> did not run through the table channel.
>
> Did you plan to connect up your receiver(s) directly or are you trying
> to simulate the original table setup? If the former, working out the
> 614 to receiver wiring and pin-outs directly from the schematics would
> be easier than tracing through the original box-through-channel-to-box
> diagrams.
>
> Hope this helps.
>
> Dennis D. W7QHO
> Glendale, CA

[Non-text portions of this message have been removed]

# 2589. Re: [T-368_BC-610] Cables... BC-614-C to BC-342 or BC-312

Yahoo group: T-368_BC-610
Date: 2006-02-07 00:16:57 UTC
From: wa5cab@cs.com
Topic: 2586  Message: 2589

Rick,

The 12 VDC ultimately came from the 12 volt source that ran the BC-312.
Either the standalone battery in the shelter, the 12 volt vehicular system, or the
starting battery on the PE-95.

In a message dated 2/6/2006 5:29:35 PM Central Standard Time,
rickbras@... writes:
> Thanks Dennis, it does help, however, I'm still fuzzy on where the power
> for relay RY101 is derived. I know once RY101 is energized it sends the
> voltage to the receiver to activate the muting sequence for the
> receiver, but the manual says RY101 gets its 12 VDC from the receiver
> and is fed to pin 6 on SO103 of the 614. Does the same battery supply
> both? On the BC-342 schematic there is 12 VAC at terminal "J" (I think
> I'm right about the letter) of the inner connection socket and I can't
> find where it would be necessary. Needless to say, I am confused.
> However, the way I understand it now is the relays in both the speech
> amplifier and the receivers are or were powered by battery, even in the
> BC-342 AC model.
>
> My intention is to simulate the original table setup, so I guess tracing
> the wires will not be too difficult if I can just get this relay thing
> clear in my feeble brain. Getting old has its advantages, I just don't
> know what they are!
>
> Thanks,
> Rick/K5IZ
>
>
>
> W7QHO@... wrote:
>
> >
> >In a message dated 2/6/06 1:26:12 PM, rickbras@... writes:
> >
> >
> >>I've searched numerous manuals and schematics and have been unable to
> >>find a "DC" source in the BC-342/312 receiver for the antenna relay
> >>(RY101) in the BC-614-C. The manual states RY101 is a 12 volt "DC"
> >>relay and it derives its power from the BC-342 or BC-312 receiver. I
> >>can find a 12 volt AC source that connects to the BC-614-C, but no DC.
> >>I am probably over looking something, but what?

Robert & Susan Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480

<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2590. Re: [T-368_BC-610] Cables... BC-614-C to BC-342 or BC-312

Yahoo group: T-368_BC-610
Date: 2006-02-07 00:19:21 UTC
From: wa5cab@cs.com
Topic: 2586  Message: 2590

Oops. Should have read Dennis' post first.

Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2591. Re: [T-368_BC-610] Cables... BC-614-C to BC-342 or BC-312

Yahoo group: T-368_BC-610
Date: 2006-02-07 01:54:12 UTC
From: w7qho@aol.com
Topic: 2586  Message: 2591

Rick,

Think of the channel as a long, skinny junction box. My TM (1-280, June 1943) shows +12 V coming into the channel with an arrow pointing to the words "12 volt battery." The 12 volts likely could be switched in form other sources as Robert pointed out.

As I look at the BC-614-C schematic it does appear that +12 would come in through SO-103, pin 6 and my manual sez so in the narrative section. Looking at the BC-312 and 342 diagrams, I see no way the +12 could be passing THROUGH the receivers to the 314 and find no mention of narrative in this regard. Also, there are only 4 wires in the cord going to the BC-312 (+12 in, S/R relay, B- and common gnd). The BC-342 cord only has 3 wires (B-, S/R relay and common gnd.). The B- connection is a bit of a mystery since the continuity tables show this pin on receiver mating plug as always being grounded. BTW, pin J on the front panel connector (SO-1) of both the BC-312 and 342 goes to the S/R relay. The application of +12 volts here mutes the receivers but only when the "Send/Rec." switch on the front panel is on "Send."

I would surmise that the +12 volts gets fanned out in the channel going to both the 312 and 314 (and maybe elsewhere).

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2592. FS: Capacitor Checker, Sub Box and VHF Wattmeter

Yahoo group: T-368_BC-610
Date: 2006-02-08 12:25:48 UTC
From: Brian Carling
Topic: 2592  Message: 2592

FOR SALE: SEMCON RC115 CAPACITANCE / IMPEDANCE METER - very nice. This is a combined Capacitor Analyzer, impedance bridge and transformer analyzer. This is the most comprehensive capacitor analyzer I have ever seen. Checks capacitor value, leakage etc. at up to 600 Volts DC. It is also an impedance meter. Analyzes transformers. Measures POWER FACTOR, etc. etc. Also works as a megger to check insulation resistance. Excellent working condition. For 120V AC 60 Hz operation. Available for $59.00 plus shipping.
CORNELL-DUBILIER CDA-5 Decade Capacitance Box. - excellent
This substitution box is in a beautiful bakelilte case, and it covers 0.0001 uF to 0.0199 uF.
All capacitance setting rated for up to 600V DC. A great addition to any shack or experimenter's lab. Excellent condition.
Available for $20.00 plus shipping. ME-82/U Wattmeter and Dummy Load VHF-UHF, military surplus. Measures power from 50 to 600 MHz. Load is 52 ohms. Meter movement is the same as on Jones Micromatch equipment. Wattmeter scale shows RF power in the range of 0 - 120 Watts. Has Type N connector. Handy carrying handle swings out of the top. Has large heatsink. Excellent working condition. Available for $45.00 plus shipping. Pictures and details at: http://www.af4k.com/testgear.htm

# 2593. VFO

Yahoo group: T-368_BC-610
Date: 2006-02-08 23:44:49 UTC
From: Rick Brashear
Topic: 1287  Message: 2593

Hi All...

Does anyone have experience using an external VFO with a BC-610-E or any model 610?

Thanks,
Rick/K5IZ

# 2594. Re: [T-368_BC-610] VFO

Yahoo group: T-368_BC-610
Date: 2006-02-09 01:16:09 UTC
From: James M. Walker
Topic: 1287  Message: 2594

Wellllll,
Not exactly, although the premise is there. I use and used the following, the O-39
FSK generator, if you don't transmit FSK with it it is just a frequency controller.

I also used the BC-221 through the HP-8447 amplifier to drive the XTAL socket
of the tuning units.

I also used the PTS (mfg) 040, and the signal source have to turn the output down
on the PTS to just off of zero on the front panel PTS meter.

On all occassions you must remember the XTAL freq input to the tuning unit starts at 2 Mhz and goes to 6 Mhz. The position doubles or triples in the tuning unit.
The manual for the PTS is available from PTS a description of them is on my web pages. The manual for the O-39 is TM 11-257. I may have an electronic copy of the BC-221 manual but suffering from "CRS" so I am not sure.

Jim
WB2FCN
http://eshop1.chem.buffalo.edu

----- Original Message -----
From: "Rick Brashear" <rickbras@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Wednesday, February 08, 2006 6:44 PM
Subject: [T-368_BC-610] VFO

> Hi All...
>
> Does anyone have experience using an external VFO with a BC-610-E or any
> model 610?
>
> Thanks,
> Rick/K5IZ
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> Yahoo! Groups Links
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# 2595. Re: [T-368_BC-610] VFO

Yahoo group: T-368_BC-610
Date: 2006-02-09 02:11:00 UTC
From: Rick Brashear
Topic: 1287  Message: 2595

Thanks Jim. That's great info. I only wish I had the O-39 FSK
Generator to use. I've been looking a long time, but so far nothing.

I'm glad to know I'm not the only one with the CRS Syndrome!

Rick/K5IZ

James M. Walker wrote:

> Wellllll,
> Not exactly, although the premise is there. I use and used the
> following, the O-39
> FSK generator, if you don't transmit FSK with it it is just a
> frequency controller.
>
> I also used the BC-221 through the HP-8447 amplifier to drive the XTAL
> socket
> of the tuning units.
>
> I also used the PTS (mfg) 040, and the signal source have to turn the
> output down
> on the PTS to just off of zero on the front panel PTS meter.
>
> On all occassions you must remember the XTAL freq input to the tuning
> unit
> starts at 2 Mhz and goes to 6 Mhz. The position doubles or triples in the
> tuning unit.
> The manual for the PTS is available from PTS a description of them is
> on my
> web pages. The manual for the O-39 is TM 11-257. I may have an electronic
> copy of the BC-221 manual but suffering from "CRS" so I am not sure.
>
> Jim
> WB2FCN
> http://eshop1.chem.buffalo.edu
>
> ----- Original Message ----- From: "Rick Brashear" <rickbras@...>
> To: <T-368_BC-610@yahoogroups.com>
> Sent: Wednesday, February 08, 2006 6:44 PM
> Subject: [T-368_BC-610] VFO
>
>
>> Hi All...
>>
>> Does anyone have experience using an external VFO with a BC-610-E or any
>> model 610?

>>
>> Thanks,
>> Rick/K5IZ
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# 2596. Fw: [T-368_BC-610] VFO

Yahoo group: T-368_BC-610
Date: 2006-02-09 03:26:18 UTC
From: Tom Smith
Topic: 2596  Message: 2596

BTW, if anyone is interested in a O-39, I have a extremely nice one
available. Email me if interested.
tsmith@...

Tom N5AMA

> ----- Original Message -----
> From: "James M. Walker" <chejmw@...>
> To: <T-368_BC-610@yahoogroups.com>; "Rick Brashear" <rickbras@...>
> Sent: Wednesday, February 08, 2006 7:16 PM
> Subject: Re: [T-368_BC-610] VFO
>
>
>> Wellllll,
>> Not exactly, although the premise is there. I use and used the following,
>> the O-39
>> FSK generator, if you don't transmit FSK with it it is just a frequency
>> controller.
>>
>> I also used the BC-221 through the HP-8447 amplifier to drive the XTAL
>> socket
>> of the tuning units.
>>
>> I also used the PTS (mfg) 040, and the signal source have to turn the
>> output
>> down
>> on the PTS to just off of zero on the front panel PTS meter.
>>
>> On all occassions you must remember the XTAL freq input to the tuning
>> unit
>> starts at 2 Mhz and goes to 6 Mhz. The position doubles or triples in the
>> tuning unit.
>> The manual for the PTS is available from PTS a description of them is on
>> my
>> web pages. The manual for the O-39 is TM 11-257. I may have an electronic
>> copy of the BC-221 manual but suffering from "CRS" so I am not sure.
>>
>> Jim
>> WB2FCN
>> http://eshop1.chem.buffalo.edu
>>
>> ----- Original Message -----
>> From: "Rick Brashear" <rickbras@...>
>> To: <T-368_BC-610@yahoogroups.com>
>> Sent: Wednesday, February 08, 2006 6:44 PM

>> Subject: [T-368_BC-610] VFO
>>
>>
>>> Hi All...
>>>
>>> Does anyone have experience using an external VFO with a BC-610-E or any
>>> model 610?
>>>
>>> Thanks,
>>> Rick/K5IZ
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# 2597. WTB: BC-610 Top Lid Catches & Top Cover Hardware.

Yahoo group: T-368_BC-610
Date: 2006-02-10 16:58:14 UTC
From: g3vkm
Topic: 2597  Message: 2597

Hi,

Looking for a source of new or used catches for the BC-610 coil and tuning unit lids, mine are missing. Have scoured the web sites of a lot of hardware stores without success!

Also looking for the top cover screwed rod(?), spacers and wing nuts, all I can locate over here is similar stuff in metric sizes.

73,

Roger/G3VKM

# 2598. Junction Boxes...

Yahoo group: T-368_BC-610
Date: 2006-02-14 03:34:50 UTC
From: Rick Brashear
Topic: 2598  Message: 2598

Does anyone happen to have a JB-49-C junction box and a BC-731-C junction box they would be willing to part with?

Thanks,
Rick/K5IZ

# 2599. Looking for T368 spare speech amplifier chassis

Yahoo group: T-368_BC-610
Date: 2006-02-14 03:16:27 UTC
From: fxdc92
Topic: 2599  Message: 2599

Hello.

I'm looking for a spare T368 speech amplifier chassis in pretty much any condition to use in constructing a modified version. Hopefully it will have a driver transformer but that isn't a requirement. My present one is too nice for 'invasive surgery'.

Anybody have one laying around?

Fred k2dx

[Non-text portions of this message have been removed]

# 2600. BC-610 HV Rectifier Mountings?

Yahoo group: T-368_BC-610
Date: 2006-02-19 18:53:32 UTC
From: g3vkm
Topic: 2600  Message: 2600

Hi All,

In one or two web photos I've seen of the BC-610 HV PSU the two 866 rectifier bases are mounted above the chassis on a small platform, whereas the various manuals I have here show them with the bases under the chassis, and indeed that is how my BC-610-E is built. Is this a later mod or something that has been done in amateur service? I assume the reason may be to avoid damage to the bases when below the chassis or possibly to improve isolation of the HV wiring from ground?

73.

Roger/G3VKM

# 2601. Re: [T-368_BC-610] BC-610 HV Rectifier Mountings?

Yahoo group: T-368_BC-610
Date: 2006-02-19 19:36:43 UTC
From: Rick Brashear
Topic: 2600  Message: 2601

Hi Roger,

This was an optional update issued by the Signal Corps (I think) that is documented in at least one of my manuals. The reason given is to help prevent dirt and crude from settling into the 866 sockets due to them being mounted below the chassis. My "E" model already had this modification in place, but had it not I would likely have done it myself.

Hope this helps. I'll check and see which manual it's in.

73,
Rick/K5IZ

g3vkm wrote:

>Hi All,
>
>In one or two web photos I've seen of the BC-610 HV PSU the two 866
>rectifier bases are mounted above the chassis on a small platform,
>whereas the various manuals I have here show them with the bases under
>the chassis, and indeed that is how my BC-610-E is built. Is this a
>later mod or something that has been done in amateur service? I assume
>the reason may be to avoid damage to the bases when below the chassis
>or possibly to improve isolation of the HV wiring from ground?
>
>73.
>
>Roger/G3VKM
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>Yahoo! Groups Links
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# 2602. Test...

Yahoo group: T-368_BC-610
Date: 2006-02-24 01:55:10 UTC
From: Rick Brashear
Topic: 2602  Message: 2602

Test ..1...2...3... PLease, excuse me, I have been having "bounce" problems.

Thanks,
Rick

# 2603. FS: High Voltage Caps $2 and up

Yahoo group: T-368_BC-610
Date: 2006-03-03 04:13:31 UTC
From: Brian Carling
Topic: 2603  Message: 2603

HIGH VOLTAGE CAPACITORS FOR RF AMPLIFIERS etc.

Sangamo silver mica 0.001 uF at 2500V DC.
Large quantity of these brand new capacitors
Use for RF finals and linear amplifiers
I have plenty of these available at $4.00 each.
Buy 10 or more for $3.00 each. Shipping
additional.

NEW MALLORY AND RCA 10% TOL. CERAMIC CAPACITORS AS
FOLLOWS:
QTY 6 - 15 pF at 3000V DC
QTY 5 - 15 pF at 6000V DC
QTY 2 - 22 pF at 3000V DC
QTY 1 - 22 pF at 6000V DC
QTY 3 - 27 pF at 3000V DC
QTY 6 - 33 pF at 3000V DC
QTY 2 - 33 pF at 5000V DC
QTY 3 - 33 pF at 6000V DC
QTY 5 - 39 pF at 3000V DC
QTY 7 - 47 pF at 6000V DC
QTY 10 - 56 pF at 6000V DC
QTY 1 - 68 pF at 6000V DC
QTY 2 - 82 pF at 5000V DC
QTY 6 - 82 pF at 6000V DC
QTY 6 - 100 pF at 5000V DC
QTY 10 - 100 pF at 6000V DC
QTY 9 - 130 pF at 6000V DC
QTY 4 - 150 pF at 5000V DC
QTY 14 - 150 pF at 6000V DC
QTY 2 - 180 pF at 6000V DC
QTY 10 - 200 pF at 5000V DC
QTY 3 - 270 pF at 3000V DC
QTY 3 - 330 pF at 6000V DC
QTY 3 - 390 pF at 3000V DC
QTY 1 - 560 pF at 3000V DC
QTY 1 - 560 pF at 6000V DC
QTY 6 - 750 pF at 3000V DC
QTY 5 - 750 pF at 6000V DC
QTY 2 - 820 pF at 3000V DC

The above caps are all brand new and are $3.00
each.
For quantity of ten or more they are $2.50 each.
For 20 or more pay $2.00 each. Shipping
additional.

E-mail me to arrange purchase.

http://www.af4k.com/capacitors.htm

73 - Brian, AF4K

# 2604. Fair market value

Yahoo group: T-368_BC-610
Date: 2006-03-06 00:44:00 UTC
From: Mark Foltarz
Topic: 2604  Message: 2604

Lets just say that I know someone...

He is considering selling a BC-610-E in physically excellent condition.

Manufacturer is Hallicrafters. Almost ready to put on air.

Has BC-939, BC-614, JB-70, tuning units, some rocks, original TM, coil set,
spare pair 100th and 250th.

Also extra modulator deck.

Located in N.E. Ohio

What would such a package bring?

tnx

de KA4JVY

Mark

---
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

# 2605. Re: [T-368_BC-610] Fair market value

Yahoo group: T-368_BC-610
Date: 2006-03-06 02:09:44 UTC
From: James M. Walker
Topic: 2604  Message: 2605

Hum,
I would think it would depend on the buyer, really! Sometimes a person wants to rebuild a partial unit, and looks for a semi-complete unit to get the original parts from.

A good point of reference would probably be, to determine if the unit was on the air recently (past 3 - 5 years), was it dumped because a major component failed, if so which one! Do the extra items with the unit work are they complete? Reasoning there is, for example the BC-939 might be better put on e-bay to recover a higher price. Same for the BC-614. The JB-70s are scarce, so that alone MIGHT bring more than the BC-610-E.

Lots of folks say the have a complete "coil set" which in most cases means they have coils for 80/40/20, in various states of repair. Tubes, lets NOT talk
about tubes, yes they are usually there, and mostly they are whatever was found
that goes there to try to fill the chassis. 100TH are fragile and expensive, 250TH
tubes are expensive depending on what you will accept.

Cest qui se, extra modulator deck? From what version of the transmitter? Again is the mod iron good or are we talking, a paper weight for the CW logs?
In purchasing modulation iron it isn't really the asking price for said iron, but the
pickup/shipping costs for it.

Physically excellent condition? Does that mean no bullet holes? Not being mean here
just trying to give you an idea of the thing I have run into. as in the following
description..

One BC-610(I) complete, with all the coils, worked great about 10 years ago can't remember why I stopped using it.

Failed to mention the exciter section was removed and he was using an HT-37 to drive the 250TH directly and it never worked that way. Also the modulator deck was complete with burned out mod transformer and driver transformer due to the 2A3s being ripped out and replaced by triode connected 6L6s, which he also never quite got working!

However, I think it depends on the buyer really as to the value they place on it,
and also whether pickup is available and distances that must be traveled.

A good rule of thumb is if it doesn't work, separate the pieces, check for
their
physical completeness as much as possible, a sell they accordingly, try to
be
accurate in your descriptions.

If I were considering this one , I would (from the description) be expecting
to find the coveted 160 meter RF palte coil, but NO tuning units as they are
not mentioned, I would also expect qty (2) two spare 250TH tubes and one in
the unit.

FWIW
YMMV
Jim
WB2FCN

----- Original Message -----
From: "Mark Foltarz" <Foltarz@...>
To: "t 368" <T-368_BC-610@yahoogroups.com>
Sent: Sunday, March 05, 2006 7:44 PM
Subject: [T-368_BC-610] Fair market value

> Lets just say that I know someone...
>
> He is considering selling a BC-610-E in physically excellent condition.
>
> Manufacturer is Hallicrafters. Almost ready to put on air.
>
> Has BC-939, BC-614, JB-70, tuning units, some rocks, original TM, coil
> set,
> spare pair 100th and 250th.
>
> Also extra modulator deck.
>
> Located in N.E. Ohio
>
> What would such a package bring?
>
> tnx
>
> de KA4JVY
>
> Mark
>
>
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>
>
> _____
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam protection around
> http://mail.yahoo.com

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> Yahoo! Groups Links
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# 2606. Re: [T-368_BC-610] Fair market value

Yahoo group: T-368_BC-610
Date: 2006-03-06 02:53:14 UTC
From: w4awm@aol.com
Topic: 2604  Message: 2606

Hi Mark,

At the FARFest in Gaithersburg, MD, last fall, there was a similar rig with similar accessoried, except fot the spare tubes and the 250TH was missing. It had spent it's whole life in a lab powering some kind of industrial heater. Outside of some dust and a few very minor scratches, it was at least a 9! The seller was asking $500 for the works, including delivery within a resonable area. I really wanted that thing, but there was absolutely nowhere I could put it.

He wanted to sell it to a ham who would put it on the air and I tried to interest some friends, all of whom have similar space problems. Finally, it was sold to one of the local sleeze tube dealers who the seller didn't know. When he was told, he was sick and tried every way to get it back. Three weeks later, it was on the infamous auction site with a starting bid of $1500.00. At least the guy put a final in it, but it got no bids. I am sure a lot of folks were happy about that. I don't know what happened to it, but it will probably wind up back at auction again in the future. I don't think the seller has a ticket.

I would say that $700.00 more or less, in light of all the spares, is not unreasonable. The big problem is moving the beast. It may have handles but it sure ain't portable!

73,

John, W4AWM

[Non-text portions of this message have been removed]

# 2607. Re: [T-368_BC-610] Fair market value

Yahoo group: T-368_BC-610
Date: 2006-03-08 15:20:52 UTC
From: Todd, KA1KAQ
Topic: 2604  Message: 2607

On 3/5/06, Mark Foltarz <Foltarz@...> wrote:
>
> Lets just say that I know someone...
>
> He is considering selling a BC-610-E in physically excellent condition.
>
> Manufacturer is Hallicrafters. Almost ready to put on air.
>
> Has BC-939, BC-614, JB-70, tuning units, some rocks, original TM, coil set,
> spare pair 100th and 250th.
>
> Also extra modulator deck.

Hi Mark -

Just my 2¢ worth: last fall I picked up a decent BC-610E model from a friend with no accessories, all tubes, some coils, and the two installed tuning units. Some minor mods, reversible for the most part. I paid $350 and figured it was a fair deal. It powers up, but I haven't gotten much further. My guess would be at least $500, probably more. The tubes alone are worth a fair amount if you buy them from a tube dealer. Maybe $200-$300 retail for a 250TH and pair of 100THs (which explains why so many of us like hamfests and yard sales!).

Of course, hamfest deals, items found in barns, etc would skew the final overall figures, but $500-$700 seems like a fair price if all is indeed as represented. Epay price would likely be a lot higher, but I don't factor that in as it's more the exception than the rule. As Jim says, a lot of other things figure in to the equation.

Good luck with it, hope you get it.

de Todd/'Boomer' KA1KAQ

# 2608. FS: Audio transformers 600 ohm to 600 ohm

Yahoo group: T-368_BC-610
Date: 2006-03-10 13:12:47 UTC
From: Brian Carling
Topic: 2608  Message: 2608

For sale:

Audio Transformers - 600 ohms to 600 ohms

For these 600 ohm to 600 ohm transformers -
I have two types. They are both black
and potted as shown in the pictures.
The larger ones are rated 1 watt from 250 to 6000
Hz response.
The smaller ones are rated 0.5 watt and 300 - 3500
Hz response.

Dimensions are 1.5" X 1.5" X 1" for the larger
ones.
Dimensions are 1.125" X 1.825" X 0.75" for the
smaller ones.
I have several of each available.

The smaller ones are available for $15.00
The larger ones are available for $12.00
Shipping additional.

Pictures and details at:
http://www.af4k.com/xfmrs.htm

73 de AF4K

# 2609. JB-70-A

Yahoo group: T-368_BC-610
Date: 2006-03-11 21:26:37 UTC
From: Rick Brashear
Topic: 1985  Message: 2609

I need some guidance as to how the JB-70 handles the PTT switching for the BC-614-E/BC-610-E. Pin #4 of SO-102 in the BC-614-E goes to pin #2 of SO-101 which is the microphone PTT socket. When attached to the JB-70 where does pin #4 go? Is it simply attached to a relay that grounds the connection to accomplish the PTT? If so, without using a JB-70, can I install a switch between ground and pin #4 of SO-102 on the BC-614-E to have the same thing? Since I will not be using the side tone at this time the only other difference I see between connecting the microphone to the JB-70 or the 614 is one 25K ohm resistor, R105, which I am assuming facilitates a better match for the JB-70. Am I missing something here? ...which would definitely not be out of the ordinary! Does anything happen to the microphone signal inside the JB-70 before it returns to the speech amplifier?

Thanks for any help, advice or clarification.
Rick/K5IZ

# 2610. West Coast MRCG Site updated

Yahoo group: T-368_BC-610
Date: 2006-03-12 01:00:24 UTC
From: Mikhael Brown
Topic: 2610  Message: 2610

Hello everyone,

I finally got the MRCG site updated with some of last years photos and some from the Field Day event.

The url is http://syzen.com/milradio/

73's

Mike, N6WIG

Mikhael Brown
e-mail: mikhael@...

# 2611. Fw: Looking for assistance at or near Camp Le Juene

Yahoo group: T-368_BC-610
Date: 2006-03-14 01:03:51 UTC
From: James M. Walker
Topic: 2611  Message: 2611

----- Original Message -----
From: "James M. Walker" <chejmw@...>
To: "Discussion of AM Radio" <amradio@...>
Sent: Monday, March 13, 2006 8:01 PM
Subject: Looking for assistance at or near Camp Le Juene

> Howdy,
> Looking for some shipping assistance from Camp lejuene, need
> a pickup truck or rental truck, I will pay for help and time and truck.
> Jim
> WB2FCN
>

# 2612. (no subject)

Yahoo group: T-368_BC-610
Date: 2006-03-17 03:05:53 UTC
From: alan morriss
Topic: 2612  Message: 2612

does anybody know where i can geta plug to connect 115v from a transformer into the scr399 ? if anyone has one i please let me know. running the pe 95 with it's jeep engine is going to be a bit expensive. the socket is under the operating desk. we are trying to find out the history of ours. it came from the luxembourg army, and was last used on an exercise in 1969. .we think it was probably left over after the ardennes offensive, and given to them after the war. alan morriss g4gen

[Non-text portions of this message have been removed]

# 2613. BC-610 relay RY-5

Yahoo group: T-368_BC-610
Date: 2006-03-17 01:51:19 UTC
From: Rick Brashear
Topic: 2613  Message: 2613

Hi all,

My BC-610-E has a pretty bad "talk back" problem that I am assuming is coming from RY-5, the overload relay. I have read I can put a 100 - 200 uf @ 20vdc or more electrolytic across this relay and eliminate the problem. It sounds logical and I can see how that would bleed off any audio getting into the relay. Has anyone here used this method or know of anyone who has? It's a task to get this old girl away from the wall and opened up, so I'd really like to hear first hand of any experiences before I call it cured. Also, since the relay is in the return circuit (center tap of the power transformer) my thinking is the positive side of the capacitor should be grounded. Am I thinking correctly?

Thanks for any and all help.
Rick/K5IZ

# 2614. Re: [T-368_BC-610] BC-610 relay RY-5

Yahoo group: T-368_BC-610
Date: 2006-03-17 03:05:28 UTC
From: James M. Walker
Topic: 2613  Message: 2614

Well,
I am not sure of other folks, but I have never experienced this
"Talk back" phenomenon! However the reason for me not experiencing
it might be due to way back when I got the "E" model in Germany
it came to me with no relay there, I ordered a new one, came wrapped in
soft brown packing material, inside a metal can, had to use a P-38 to
open the can. Popped it in put star washers (included) under the screws
also (included) no talk back. I recently refurbished the BC-610(E)
power supply chassis, relay was just fine, as is the rectangular cover
that goes over it. I might mention also the cover has a rubber coating
inside.

When I got my BC-610(I) model the relay contacts were welded together,
don't know why, so I just replaced the relay again, also the relay cover
for that one is rubber lined as well. I have to think that the
talk back noise is a result of either A) the relay is not mounted correctly
or B) the cover for all the relays there is missing.
YMMV
Jim
WB2FCN

----- Original Message -----
From: "Rick Brashear" <rickbras@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Thursday, March 16, 2006 8:51 PM
Subject: [T-368_BC-610] BC-610 relay RY-5

> Hi all,
>
> My BC-610-E has a pretty bad "talk back" problem that I am assuming is
> coming from RY-5, the overload relay. I have read I can put a 100 - 200
> uf @ 20vdc or more electrolytic across this relay and eliminate the
> problem. It sounds logical and I can see how that would bleed off any
> audio getting into the relay. Has anyone here used this method or know
> of anyone who has? It's a task to get this old girl away from the wall
> and opened up, so I'd really like to hear first hand of any experiences
> before I call it cured. Also, since the relay is in the return circuit
> (center tap of the power transformer) my thinking is the positive side
> of the capacitor should be grounded. Am I thinking correctly?
>
> Thanks for any and all help.
> Rick/K5IZ
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> Yahoo! Groups Links
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# 2615. Re: [T-368_BC-610] BC-610 relay RY-5

Yahoo group: T-368_BC-610
Date: 2006-03-17 03:16:44 UTC
From: Rick Brashear
Topic: 2613  Message: 2615

Hi Jim,

Thanks for the reply. I must admit, the cover for the overload relay is
missing. Do you think that could be the entirety of the problem? It is
a considerable feedback.

Thanks,
Rick

James M. Walker wrote:

>Well,
>I am not sure of other folks, but I have never experienced this
>"Talk back" phenomenon! However the reason for me not experiencing
>it might be due to way back when I got the "E" model in Germany
>it came to me with no relay there, I ordered a new one, came wrapped in
>soft brown packing material, inside a metal can, had to use a P-38 to
>open the can. Popped it in put star washers (included) under the screws
>also (included) no talk back. I recently refurbished the BC-610(E)
>power supply chassis, relay was just fine, as is the rectangular cover
>that goes over it. I might mention also the cover has a rubber coating
>inside.
>
>When I got my BC-610(I) model the relay contacts were welded together,
>don't know why, so I just replaced the relay again, also the relay cover
>for that one is rubber lined as well. I have to think that the
>talk back noise is a result of either A) the relay is not mounted correctly
>or B) the cover for all the relays there is missing.
>YMMV
>Jim
>WB2FCN
>
>----- Original Message -----
>From: "Rick Brashear" <rickbras@...>
>To: <T-368_BC-610@yahoogroups.com>
>Sent: Thursday, March 16, 2006 8:51 PM
>Subject: [T-368_BC-610] BC-610 relay RY-5
>
>
>
>
>>Hi all,
>>
>>My BC-610-E has a pretty bad "talk back" problem that I am assuming is
>>coming from RY-5, the overload relay. I have read I can put a 100 - 200
>>uf @ 20vdc or more electrolytic across this relay and eliminate the

>>problem. It sounds logical and I can see how that would bleed off any
>>audio getting into the relay. Has anyone here used this method or know
>>of anyone who has? It's a task to get this old girl away from the wall
>>and opened up, so I'd really like to hear first hand of any experiences
>>before I call it cured. Also, since the relay is in the return circuit
>>(center tap of the power transformer) my thinking is the positive side
>>of the capacitor should be grounded. Am I thinking correctly?
>>
>>Thanks for any and all help.
>>Rick/K5IZ
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>>Yahoo! Groups Links
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[Non-text portions of this message have been removed]

# 2616. Re: [T-368_BC-610] BC-610 relay RY-5

Yahoo group: T-368_BC-610
Date: 2006-03-17 04:54:11 UTC
From: RJ Mattson
Topic: 2613  Message: 2616

I found this cap bypass to work. The mod was originally decribed in an early
ARRL H&K.
I used an AC oil capacitor.
bob...w2ami

----- Original Message -----
From: "Rick Brashear" <rickbras@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Thursday, March 16, 2006 8:51 PM
Subject: [T-368_BC-610] BC-610 relay RY-5

> Hi all,
>
> My BC-610-E has a pretty bad "talk back" problem that I am assuming is
> coming from RY-5, the overload relay. I have read I can put a 100 - 200
> uf @ 20vdc or more electrolytic across this relay and eliminate the
> problem. It sounds logical and I can see how that would bleed off any
> audio getting into the relay. Has anyone here used this method or know
> of anyone who has? It's a task to get this old girl away from the wall
> and opened up, so I'd really like to hear first hand of any experiences
> before I call it cured. Also, since the relay is in the return circuit
> (center tap of the power transformer) my thinking is the positive side
> of the capacitor should be grounded. Am I thinking correctly?
>
> Thanks for any and all help.
> Rick/K5IZ
>

# 2617. Re: [T-368_BC-610] BC-610 relay RY-5

Yahoo group: T-368_BC-610
Date: 2006-03-17 05:29:34 UTC
From: RJ Mattson
Topic: 2613  Message: 2617

Hi Rick
I have my speech amp across the room because of the original problem. The oil cap cured what was left of the annoying talkback.
Feedback is another problem. Might be a ground loop, bad shield, open ground, microphonic tube(s) - lots of things.
If you safely and temporarily jump out the current relay and the talkback stops - that is the culprit.
Be careful,
bob...w2ami
----- Original Message -----
From: Rick Brashear
To: RJ Mattson
Sent: Friday, March 17, 2006 12:07 AM
Subject: Re: [T-368_BC-610] BC-610 relay RY-5

Thanks Bob. Unfortunately, I must have bigger problems than I thought. I installed a 100 uf capacitor across the relay (RY-5) and it may have helped a little, but not nearly enough. I am still unable to reach a decent audio level without feedback from somewhere. Do you think the missing cover over the relay(s) would have that much to do with it? It seems the feedback is coming from the modulation transformer itself. All voltages are correct and the modulator bias is set correctly. It's a real head scratcher at this point.

Rick/K5IZ

RJ Mattson wrote:

I found this cap bypass to work. The mod was originally decribed in an early
ARRL H&K.
I used an AC oil capacitor.
bob...w2ami

----- Original Message -----
From: "Rick Brashear" <rickbras@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Thursday, March 16, 2006 8:51 PM
Subject: [T-368_BC-610] BC-610 relay RY-5

Hi all,

My BC-610-E has a pretty bad "talk back" problem that I am assuming is coming from RY-5, the overload relay. I have read I can put a 100 - 200 uf @ 20vdc or more electrolytic across this relay and eliminate the problem. It sounds logical and I can see how that would bleed off any audio getting into the relay. Has anyone here used this method or know of anyone who has? It's a task to get this old girl away from the wall and opened up, so I'd really like to hear first hand of any experiences before I call it cured. Also, since the relay is in the return circuit

(center tap of the power transformer) my thinking is the positive side of the capacitor should be grounded. Am I thinking correctly?

Thanks for any and all help.
Rick/K5IZ

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 2618. (no subject)

Yahoo group: T-368_BC-610
Date: 2006-03-17 17:33:33 UTC
From: alan morriss
Topic: 2618  Message: 2618

TO ROBERT WA5CAB. hi robert, did you see my request for information as to where i can geta plug to connect 115 volts into our scr 399 ? i have been told that you might have one, or know of one. cheers, alan morriss

[Non-text portions of this message have been removed]

# 2619. Re: [T-368_BC-610]

Yahoo group: T-368_BC-610
Date: 2006-03-17 20:10:45 UTC
From: w7qho@aol.com
Topic: 2619  Message: 2619

In a message dated 3/17/06 1:25:58 AM, mohawk@... writes:

> request for information as to where i can geta plug to connect 115 volts
> into our scr 399 ?
>

Do you want to make the connection directly into SO-200 on the JB-70 control box or do you want to come in on the bumper connector on the end of cord CO--335? Could be the same connector, I can't tell from the documentation I have which doesn't provide part numbers. Your 399 appears to be rather complete so if you could provide identifying numbers (typically PL-(***)) for the plug on the end of cord CO-316 from the PE-95 and/or the plug on the end of cord CO-335 that mates with SO-200 on JB-70 this would be helpful.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2620. Re: [AMRadio] BC-610 Modulator feedback - and notes

Yahoo group: T-368_BC-610
Date: 2006-03-18 14:30:03 UTC
From: Rbethman
Topic: 2620  Message: 2620

Rick,

Additionally, there should be NO shield on the 2A3s. The entire transmitter was designed to function with CONVECTION or OPEN air cooling.

There is only ONE tube that has a "shield". It is the oscillator deck 6L6. It SHOULD be a metal jacketed tube.

The 1/4 X 20 bolts on top of BC-610(X)s were intended for the mounting of the BC-939(X) antenna tuners. Since the BC-614(X) speech amp is fully enclosed w/o vents, I, for one, would be very hesitant to use it on top of the BC-610(X). All the heat from below would add to the heat inside the speech amp. The components "probably" weren't designed for THAT additional heat. The BC-614(X) has a long enough connecting cable to place it on the operating bench.

Pay close attention to WB2FCN, Jim! He restored my first one. He has "carnal" knowledge of these BEASTS and has helped MANY get them up and going.

I've also resent this to INCLUDE the T-368 BC-610 group, WHICH, you may wish to join Rick.

Bob - N0DGN

James M. Walker wrote:

> I'll bet you a nickel the bias supply has a problem, the plate supply
> for the 2A3s is not normal the plate supply is achieved by putting a
> negative voltage on the 2A3s cathode to raise hte plate to 360 volts.
>
> Sounds like the bias supply voltage is off. Check the manual and then
> the components that provide voltage to the 2A3s
> Jim
> WB2FCN
> YMMV
>
> ----- Original Message ----- From: "Rick Brashear" <rickbras@...>
> To: "Discussion of AM Radio" <amradio@...>
> Sent: Friday, March 17, 2006 6:10 PM
> Subject: Re: [AMRadio] Modulator feedback
>
>
>> Thanks Mike. I just made a discovery about the 2A3 A-F drivers. I
>> had a set of matched NOS RCA tubes in there. The feedback seemed to
>> be coming from the area of those tubes more so than anywhere else.
>> So, I exchanged them for another pair I have and it seemed to help

>> quiet the feedback. Obviously, microphonics in the 2A3's is a
>> factor. Next I looked for shields for the tubes, but have none, so I
>> used a "poor man's shield", a couple of pieces of aluminum foil. It
>> helped considerably! As a matter of fact, I could then advance the
>> audio of the speech amp enough to achieve good modulation. So, I am
>> now on a quest to find some way of shielding the 2A3's. I'm afraid
>> my temporary foil shields would cause the tubes to over heat, plus
>> it's not the best way of doing it. Have you had any experience with
>> this? I wonder if the 100th's are also part of the problem. I
>> really think the "talk back" is coming from the modulation
>> transformer, which I can live with. I just have to get the feedback
>> out of it.
>>
>> Thanks for your assistance and advice,
>> Rick/K5IZ
>>
>>
>>
>> Mike Sawyer wrote:
>>
>>> Rick,
>>> The UTC may work so don't discount it. Those I and H model
>>> transformers were only about half the size as the D and E models. I
>>> can't think of the company that made them but they were
>>> substantially different then the earlier models. As always, your
>>> mileage may vary.
>>> Mod-U-Lator,
>>> Mike(y)
>>> W3SLK
>>>
>>>
>>
>>
>> ------------------------------------------------------------------
>> AMRadio mailing list
>> Home: http://mailman.qth.net/mailman/listinfo/amradio
>> Help: http://mailman.qth.net/mmfaq.html
>> Post: mailto:AMRadio@...
>> AMfone Website: http://www.amfone.net
>> AM List Admin: Brian Sherrod/w5ami, Paul Courson/wa3vjb
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> ------------------------------------------------------------------
> AMRadio mailing list
> Home: http://mailman.qth.net/mailman/listinfo/amradio
> Help: http://mailman.qth.net/mmfaq.html
> Post: mailto:AMRadio@...

> AMfone Website: http://www.amfone.net
> AM List Admin: Brian Sherrod/w5ami, Paul Courson/wa3vjb
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Bob - N?DGN
Bob Bethman - N?DGN
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| Manassas Radio - Home of Homemade Kielbasa & Pirogi |
+------------------------------+--------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| rbethman(at)comcast.net \\ ~ ~ // signal does *NOT* mean |
| (/ @ @ /) that everything is OK " |
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| <http://home.comcast.net/~rbethman> |
| 1 BC-61?I w/BC-614I,1 T-213/GRC-26 w/BC614I 1 '51 Collins R-390A |
| SP-600/NR Type 159, Heath DX-60, Apache, Mohawk, SX-101, HT-32A |
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| Amateur Astronomer - Celestron Nexstar 8 |
| 12" f5 Dob coming soon! Being built |
| Meade ETX-6? |
| 38 Deg 46'48.62"' N - 77 Deg 28'26.89" W |
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| Opinions expressed are that of my own and do not necessarily |
| coincide with or represent those of ANYONE else |
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|ALL E-mail received and sent scanned by AVG & Norton System Works |

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AMRadio mailing list
Home: http://mailman.qth.net/mailman/listinfo/amradio
Help: http://mailman.qth.net/mmfaq.html
Post: mailto:AMRadio@...
AMfone Website: http://www.amfone.net
AM List Admin: Brian Sherrod/w5ami, Paul Courson/wa3vjb

# 2621. T 368 tube clamps

Yahoo group: T-368_BC-610
Date: 2006-03-18 16:39:35 UTC
From: fxdc92
Topic: 2621  Message: 2621

I'm looking for the following hold down clamps for my T368:

Qty needed: For:
(2) 4-125 modulators

(1) HV rectifier

(1) K7 time delay relay

Anyone have extras in the junkbox? I don't need the attaching screws, just the actual clamps.

Regards,
Fred k2dx

[Non-text portions of this message have been removed]

# 2622. BC-610 Saga continues

Yahoo group: T-368_BC-610
Date: 2006-03-18 21:43:12 UTC
From: Rick Brashear
Topic: 2622  Message: 2622

Jim and all....

Well, Jim I think you are onto the problem albeit indirectly. The bias supply voltage was a little high, but not enough to be too concerned with. I should have 300 volts on the plates of the 2A3 tubes in relation to the filament and I have 317 volts. My grid bias should be -60 volts in relation to the filament and it is -63.5 volts. So, it is a tad bit high. However, so is my line voltage, at 121 vac. So, I put a heavy Variac in line and brought the line voltage down to 115 volts, then the voltages were where they belong and it helped the feedback considerably and I still had more than ample audio. It still has feedback, but I tightened the old "E" model modulation transformer laminations down a little better and I hope that along with the proper voltages on the 2A3 drivers will make it workable.

I have another thought. The grid bias for the 2A3's is derived from the negative side of a R20, a 750 ohm resistor, through the center tap of a transformer (can't remember its number now) and the resistor is bypassed by a 40 uf electrolytic. The manual states in the later models this capacitor was removed and the results were better linearity. Can you give me your thoughts on this? Did you leave the capacitor in yours?

Thanks so much for your continued help. Thanks to everyone who has advised and assisted me with this monster.

Rick/K5IZ

# 2623. T-368 Parts Needed

Yahoo group: T-368_BC-610
Date: 2006-03-19 19:50:54 UTC
From: Keith Densmore
Topic: 2623  Message: 2623

Greetings to All,
Have started the overhaul of a T-368 rig. I could use the following pieces if anyone has them, please let me know--

The front panel of the exciter unit --this is the sub panel on the RF deck that contains the bandswitch and VFO window.

2 front securing bolts used to hold the decks in place.

Thanks,
Keith, ve3ts

--
---
I am using the free version of SPAMfighter for private users.
It has removed 1872 spam emails to date.
Paying users do not have this message in their emails.
Try www.SPAMfighter.com for free now!

[Non-text portions of this message have been removed]

# 2624. BC-610 Coils

Yahoo group: T-368_BC-610
Date: 2006-03-20 01:18:57 UTC
From: Rick Brashear
Topic: 2624  Message: 2624

I have read a few articles on restoring and/or building the tank coils for a BC-610. I have several coils, but most are in bad need of repair or rebuild. I have one that has gobs of some kind of adhesive holding down the windings, it won't load properly. My best 75 meter coil is lose on all fronts and I have to walk softly to keep from detuning the transmitter. Does anyone here have first hand experience with doing this? What is the best material to use?

Thanks,
Rick/K5IZ

# 2625. REDUCED: High Voltage Capacitors

Yahoo group: T-368_BC-610
Date: 2006-03-20 11:42:57 UTC
From: Brian Carling
Topic: 2625  Message: 2625

REDUCED: High Voltage Capacitors

$1.00 each and up, for NEW MALLORY AND RCA 10%
Tol. DISC CERAMIC CAPACITORS AS FOLLOWS:
(most are in the package, others are loose)

QTY 6 - 15 pF at 3000V DC
QTY 5 - 15 pF at 6000V DC
QTY 2 - 22 pF at 3000V DC
QTY 1 - 22 pF at 6000V DC
QTY 3 - 27 pF at 3000V DC
QTY 6 - 33 pF at 3000V DC
QTY 2 - 33 pF at 5000V DC
QTY 3 - 33 pF at 6000V DC
QTY 5 - 39 pF at 3000V DC
QTY 7 - 47 pF at 6000V DC
QTY 10 - 56 pF at 6000V DC
QTY 1 - 68 pF at 6000V DC
QTY 2 - 82 pF at 5000V DC
QTY 6 - 82 pF at 6000V DC
QTY 6 - 100 pF at 5000V DC
QTY 10 - 100 pF at 6000V DC
QTY 9 - 130 pF at 6000V DC
QTY 4 - 150 pF at 5000V DC
QTY 14 - 150 pF at 6000V DC
QTY 2 - 180 pF at 6000V DC
QTY 10 - 200 pF at 5000V DC
QTY 3 - 270 pF at 3000V DC
QTY 3 - 330 pF at 6000V DC
QTY 3 - 390 pF at 3000V DC
QTY 1 - 560 pF at 3000V DC
QTY 1 - 560 pF at 6000V DC
QTY 4 - 750 pF at 3000V DC
QTY 8 - 1000 pF at 1000V DC

NOW REDUCED:
The above caps are all brand new and are $1.25
each.
For quantity of 20 or more they are $1.00 each.
Shipping additional.

# 2626. carbon resistor question

Yahoo group: T-368_BC-610
Date: 2006-03-22 00:43:15 UTC
From: kd1yt@pshift.com
Topic: 2626  Message: 2626

Hello all-- please indulge this question that is only indirectly-related to my T-368E, but I know that members of this group can either give me some wisdom or point me in the right direction

I am the lucky owner of several really nice boatanchor HF recievers of which I'm the 2nd or 3rd owner and these units have very few apparent actual hours of operation (they came out of storage, labs, etc). Like My T-3, I acquired them some years back & they have been awaiting other parts of my life to settle down so that I can get them 100% checked, up and on the air.

When I de-mothball them I know that I am going to have to check them out for capacitors (both electrolytic and paper) that are inherently at risk of being leaky simply from the passage of time. I also know that old carbon resistors are notorious for going out of spec. My question is this: do carbon resistors go out of spec primarily because when used for a lot of hours they slowly "bake" themselves to a different resistance (I know I have seen instances of this in devices with a lot of operating hours on them) or are they prone to going permanently out of spec even when sitting dormant?

I know that with electrolytics and even certain paper caps in critical locations in circuits, I'd be playing a form of russian roulette to not check each one and/ or simply yank & replace them all as a preventative measure. But with the carbon resistors in low-hour sets, how much can I try the "if it ain't broke don't fix it" approach without at the same time ending up with receivers that look nice and seem to work OK-- but don't perform up to their potential & original capabilities.

Thanks & 73
Trevor
KD1YT

# 2627. FS: BC610 Tuning Unit

Yahoo group: T-368_BC-610
Date: 2006-03-22 12:52:48 UTC
From: Brian Carling
Topic: 2627  Message: 2627

FOR SALE:

BC610 Tuning Unit model TU51. Very good condition.
Has the original knobs. There are
no modifications.
Everything looks to be in very good shape
inside and out.
Has crystal socket, and also covers 5.0
to 6.35 MHz.
Before anyone asks, no I don't have any of the others!

For picture and details see:
http://www.af4k.com/radios.htm

Available for $35.00 plus shipping

# 2628. BC-610-H

Yahoo group: T-368_BC-610
Date: 2006-03-24 16:03:00 UTC
From: Rick Brashear
Topic: 2628  Message: 2628

I have a puzzler... on the modulator deck of my "H" model BC-610, surrounding transformer T-7, are three holes where something with a hexed shape has been mounted. The holes do not appear to be modifications as the fungicide treatment is inside them. All of the surrounding components, T-7 included, are stock. The holes do not show up in any manual I have nor on the chassis of the BC-610 "I" model. They are in a triangular pattern and it is possible they had some kind of stand off mounted in them. They are about 3" apart. This is also where the 2A3's and the 5Z3 are and they could possibly have been used to mount some kind of tube restraint. What ever was there is obviously not necessary for operation, it's just something that bugs me. Any ideas?

73,
Rick/K5IZ

# 2629. Re: [T-368_BC-610] BC-610-H

Yahoo group: T-368_BC-610
Date: 2006-03-24 17:47:33 UTC
From: Rick Brashear
Topic: 2628  Message: 2629

Thanks Bob! Obviously, at one time or another, mine had the hold down pieces in place as there are still marks where the spacers or what ever they used were attached. I appreciate the info, it was driving me crazy trying to figure out why they are there. On my "E" model most of the tubes have clamps at the base to hold them securely. For sure they needed them when in the SCR-299/399 scenario! That had to be a rough ride.

Thanks again...
Rick/K5IZ

rbethman@... wrote:

>Rick,
>
>I have them on my BC-610(I). The difference is that IN THOSE HOLES are vertical metal rods that are threaded on the top section.
>
>There is one, (1), adjacent to EACH 2A3, and there is one, (1) adjacent to the 5Z3.
>
>These were intended to have a "hold-down" piece attached to keep the tubes in place.
>
>Remember, these BEASTS were mobile mounted, first series in a panel truck, then later in the communications box that was bolted onto the frame of trucks like 2 1/2 ton or such.
>
>The bumping around, as in the Korean War, was NOT on paved roads. The took a LOT of jarring around.
>
>Bob - N0DGN
>
> ---------- Original message ----------
>From: Rick Brashear <rickbras@...>
>
>
>>I have a puzzler... on the modulator deck of my "H" model BC-610,
>>surrounding transformer T-7, are three holes where something with a
>>hexed shape has been mounted. The holes do not appear to be
>>modifications as the fungicide treatment is inside them. All of the
>>surrounding components, T-7 included, are stock. The holes do not show
>>up in any manual I have nor on the chassis of the BC-610 "I" model.
>>They are in a triangular pattern and it is possible they had some kind
>>of stand off mounted in them. They are about 3" apart. This is also
>>where the 2A3's and the 5Z3 are and they could possibly have been used
>>to mount some kind of tube restraint. What ever was there is obviously
>>not necessary for operation, it's just something that bugs me. Any ideas?
>>
>>73,

>>Rick/K5IZ
>>
>>
>
>
>

[Non-text portions of this message have been removed]

# 2630. Re: [T-368_BC-610] BC-610-H

Yahoo group: T-368_BC-610
Date: 2006-03-24 17:29:23 UTC
From: rbethman@comcast.net
Topic: 2628  Message: 2630

Rick,

I have them on my BC-610(I). The difference is that IN THOSE HOLES are vertical metal rods that are threaded on the top section.

There is one, (1), adjacent to EACH 2A3, and there is one, (1) adjacent to the 5Z3.

These were intended to have a "hold-down" piece attached to keep the tubes in place.

Remember, these BEASTS were mobile mounted, first series in a panel truck, then later in the communications box that was bolted onto the frame of trucks like 2 1/2 ton or such.

The bumping around, as in the Korean War, was NOT on paved roads. The took a LOT of jarring around.

Bob - N0DGN

--------------- Original message ----------------------
From: Rick Brashear <rickbras@...>
> I have a puzzler... on the modulator deck of my "H" model BC-610,
> surrounding transformer T-7, are three holes where something with a
> hexed shape has been mounted. The holes do not appear to be
> modifications as the fungicide treatment is inside them. All of the
> surrounding components, T-7 included, are stock. The holes do not show
> up in any manual I have nor on the chassis of the BC-610 "I" model.
> They are in a triangular pattern and it is possible they had some kind
> of stand off mounted in them. They are about 3" apart. This is also
> where the 2A3's and the 5Z3 are and they could possibly have been used
> to mount some kind of tube restraint. What ever was there is obviously
> not necessary for operation, it's just something that bugs me. Any ideas?
>
> 73,
> Rick/K5IZ

# 2631. BC611

Yahoo group: T-368_BC-610
Date: 2006-03-25 12:55:16 UTC
From: Brian Carling
Topic: 2631  Message: 2631

This is amazing. I had no idea just how much enthusiasm was out there for the old BC611 radios!!

http://bc611.wildlandradios.com/

# 2632. SW-5

Yahoo group: T-368_BC-610
Date: 2006-03-25 21:03:04 UTC
From: Rick Brashear
Topic: 2632  Message: 2632

The safety interlock switch (SW-5) on the back of my BC-610 "H" is missing. The manual, TM 11-826, does not give a manufacturer or even size description of the switch. It's a bakelite encased, SPST, momentary contact, normally open switch. Does anyone happen to have a manufacturers part number or an idea of where I might locate one of these rascals? I could use something else, but I prefer to use original "type" equipment if at all possible.

Thanks,
Rick/K5IZ

# 2633. Fw: BC 939b available

Yahoo group: T-368_BC-610
Date: 2006-03-25 23:22:59 UTC
From: fxdc92
Topic: 2633  Message: 2633

I have a BC 939b antenna coupler that is surplus to my needs. It is VERY nice, having been completely disassembled, thoroughly cleaned, and repainted.

Please contact me off the list if interested.

Regards,
Fred k2dx

[Non-text portions of this message have been removed]

# 2634. BC-610-H capacitors

Yahoo group: T-368_BC-610
Date: 2006-03-26 19:09:29 UTC
From: Rick Brashear
Topic: 2634  Message: 2634

Several bypass capacitors in the RF section of the "H" model (as well as the other models) are 1000 vdc paper. I have Orange Drop caps to replace these, however, they are 600 vdc. I can't see the absolute need for the 1000 vdc in most instances. I have high voltage ceramic disc capacitors I could use, but I'd prefer film.

Any thoughts?

Rick

# 2635. Re: [T-368_BC-610] BC-610-H capacitors

Yahoo group: T-368_BC-610
Date: 2006-03-27 03:48:04 UTC
From: James M. Walker
Topic: 2634  Message: 2635

The 600 VDC ones will work just fine in most cases, as long as you
haven't upped the the voltages to the 807s etc and they should be OK.
Jim
WB2FCN

----- Original Message -----
From: "Rick Brashear" <rickbras@...>
To: "t 368" <T-368_BC-610@yahoogroups.com>
Sent: Sunday, March 26, 2006 2:09 PM
Subject: [T-368_BC-610] BC-610-H capacitors

> Several bypass capacitors in the RF section of the "H" model (as well as
> the other models) are 1000 vdc paper. I have Orange Drop caps to
> replace these, however, they are 600 vdc. I can't see the absolute need
> for the 1000 vdc in most instances. I have high voltage ceramic disc
> capacitors I could use, but I'd prefer film.
>
> Any thoughts?
>
> Rick
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> Yahoo! Groups Links
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# 2636. Meters

Yahoo group: T-368_BC-610
Date: 2006-03-27 23:25:50 UTC
From: Rick Brashear
Topic: 2636  Message: 2636

If anyone happens to have an abundance of panel meters like those used in the BC-610(*) I am in need of all three for the "I" model or actually any model that has the same meters. I have some in place now, but they are all three different and ugly. I'd like to get three meters that at least look alike if not from the same manufacturer. They are 0-500 ma, 0-10 vac and 0-15 ma meters. If you have one or all and would like to sell them, please, contact me off list.

Thanks and 73,
Rick/K5IZ

# 2637. *** SCR 299 parts needed ***

Yahoo group: T-368_BC-610
Date: 2006-03-28 13:28:40 UTC
From: Stephen Keith
Topic: 2637  Message: 2637

I am putting together an SCR299. I have most of the big parts; K51 truck, K52 trailer, PE95 genset, BC610, the two radios, etc. I need the following:

JB-69A Junction Box

CO-315 45" cable Jbox to conn
CO-316 100" cable genset to conn

BC-731 Control Box

SW-199A start/stop control box for genset

CH-88 chest on the wall for parts

CH-89 chest you sit on for parts

J45 Key

JB-60 Junction Box telco

CH-112 chest in the trailer

If you had the table, or heater that would be nice too.

I live in NH, so transport on the chests should be via pickup. Let me know what you have and the price

Thanks
Steve AKA Dr Deuce

cckw@...

# 2638. Re: [Milsurplus] BC-610D

Yahoo group: T-368_BC-610
Date: 2006-03-29 00:44:21 UTC
From: Joe Foley
Topic: 2638  Message: 2638

Talk to Larry, he has the meter! Use the address
below.

--- telegrapher@... wrote:

> If you have a BC-610-D and need the Modulator plate
> current meter panel
> that is on the front right side of the transmitter,
> drop me an email. I
> found this panel/meter while digging around a little
> while ago.
>
> Someone can forward this to the Hallicrafters and
> BC-610 list if they
> want. Thanks in advance.
>
>
> Larry
> W0OGH
>
>

---
> Milsurplus mailing list
> Home:
> http://mailman.qth.net/mailman/listinfo/milsurplus
> Help: http://mailman.qth.net/mmfaq.htm
> Post: mailto:Milsurplus@...
>

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Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

# 2639. RE: [T-368_BC-610] *** SCR 299 parts needed ***

Yahoo group: T-368_BC-610
Date: 2006-03-29 03:08:57 UTC
From: kd1yt@pshift.com
Topic: 2637  Message: 2639

Dr Deuce-- do I recall that you were thinking of but did not yet have your ham ticket? I ask that not in a sense of scolding or anything of the sort, but in the sense that if it's true, the rest of us in this group need to encourage and facilitate so that you can put this magnificent set up you are assembling fully on the air as well as on the road! Let us know if we can help!

PS, if it hasn't been sent off for scrap (and I hope not!), I know of a PE-95 that may be available for rescue in northeast VT; I used to own it and then mistakenly sold it and it developed some quirks that were beyond the new owner's aptitude or ambition to get to the bottom of. I'd love to rescue & restore it, but my list of projects and existing accumulation of various big iron, relative to time and budget, is already a bit much... If anyone knows of a possible good home (where someone won't just yank the motor to put in a jeep)(this is the original PE-95 (no letter) 5kw with the flathead ford engine) let me know. Joe-- I know that this PS is more for the milgensets group, but could you forward? I am kludged up at the moment on some of my yahoogroups settings...

73
KD1YT
Trevor
East Montpelier, VT

------- Original Message -------
From : Stephen Keith[mailto:cckw@...]
Sent : 3/28/2006 8:28:40 AM
To : T-368_BC-610@yahoogroups.com
Cc :
Subject : RE: [T-368_BC-610] *** SCR 299 parts needed ***

I am putting together an SCR299. I have most of the big parts; K51

truck, K52 trailer, PE95 genset, BC610, the two radios, etc. I need

the following:

JB-69A Junction Box

CO-315 45" cable Jbox to conn

CO-316 100" cable genset to conn

BC-731 Control Box

SW-199A start/stop control box for genset

CH-88 chest on the wall for parts

CH-89 chest you sit on for parts

J45 Key

JB-60 Junction Box telco

CH-112 chest in the trailer

If you had the table, or heater that would be nice too.

I live in NH, so transport on the chests should be via pickup. Let

me know what you have and the price

Thanks

Steve AKA Dr Deuce

cckw@...

YAHOO! GROUPS LINKS

Visit your group "T-368_BC-610" on the web.

To unsubscribe from this group, send an email to:
T-368_BC-610-unsubscribe@yahoogroups.com

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

# 2640. RE: [T-368_BC-610] *** SCR 299 parts needed ***

Yahoo group: T-368_BC-610
Date: 2006-03-29 03:46:44 UTC
From: Joe Foley
Topic: 2637  Message: 2640

It all connects,..... hopefully,..... somehow.

I mean the vehicles, the radios, the gensets,.....
et. al.

Joe

--- <kd1yt@...> wrote:

> Dr Deuce-- do I recall that you were thinking of but
> did not yet have your ham ticket? I ask that not in
> a sense of scolding or anything of the sort, but in
> the sense that if it's true, the rest of us in this
> group need to encourage and facilitate so that you
> can put this magnificent set up you are assembling
> fully on the air as well as on the road! Let us
> know if we can help!
>
> PS, if it hasn't been sent off for scrap (and I hope
> not!), I know of a PE-95 that may be available for
> rescue in northeast VT; I used to own it and then
> mistakenly sold it and it developed some quirks that
> were beyond the new owner's aptitude or ambition to
> get to the bottom of. I'd love to rescue & restore
> it, but my list of projects and existing
> accumulation of various big iron, relative to time
> and budget, is already a bit much... If anyone
> knows of a possible good home (where someone won't
> just yank the motor to put in a jeep)(this is the
> original PE-95 (no letter) 5kw with the flathead
> ford engine) let me know. Joe-- I know that this PS
> is more for the milgensets group, but could you
> forward? I am kludged up at the moment on some of
> my yahoogroups settings...
>
> 73
> KD1YT
> Trevor
> East Montpelier, VT
>
> ------- Original Message -------
> From : Stephen Keith[mailto:cckw@...]
> Sent : 3/28/2006 8:28:40 AM
> To : T-368_BC-610@yahoogroups.com
> Cc :
> Subject : RE: [T-368_BC-610] *** SCR 299 parts

> needed ***
>
>
>
>
> I am putting together an SCR299. I have most of the
> big parts; K51
>
> truck, K52 trailer, PE95 genset, BC610, the two
> radios, etc. I need
>
> the following:
>
>
>
> JB-69A Junction Box
>
>
>
> CO-315 45" cable Jbox to conn
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> CO-316 100" cable genset to conn
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>
> BC-731 Control Box
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>
> SW-199A start/stop control box for genset
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>
> CH-88 chest on the wall for parts
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>
> CH-89 chest you sit on for parts
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>
> J45 Key
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>
>
> JB-60 Junction Box telco
>
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>
> CH-112 chest in the trailer

>
>
>
> If you had the table, or heater that would be nice
> too.
>
>
>
> I live in NH, so transport on the chests should be
> via pickup. Let
>
> me know what you have and the price
>
>
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>
>
> Thanks
>
> Steve AKA Dr Deuce
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> cckw@...
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> YAHOO! GROUPS LINKS
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>
> Visit your group "T-368_BC-610" on the web.
>
> To unsubscribe from this group, send an email to:
> T-368_BC-610-unsubscribe@yahoogroups.com

>
> Your use of Yahoo! Groups is subject to the
> Yahoo! Terms of Service.
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# 2641. BC-610 E

Yahoo group: T-368_BC-610
Date: 2006-03-29 17:39:35 UTC
From: W5OMR/Geoff
Topic: 2641  Message: 2641

Good working '610 E model. Used to belong to W5MEU.

I don't -want- to sell it, but financially, have no choice.

Don't worry, I won't be 'giving' it away, either.

What's a fair price?

Working BC-610 E
BC-614 Speech-Amp
complete set of coils (1.5Mc ~ 18Mc)
3 tuning units (40m, 80m, 160m)
D-104 Mic
2 good 100TH's (1 spare)
1 good 250TH (1 spare)
2 good 3B28's
2 good 807's
2 good 2A3's

--
73 = Best Regards,
-Geoff/W5OMR

# 2642. Re: [T-368_BC-610] BC-610 E

Yahoo group: T-368_BC-610
Date: 2006-03-29 17:53:59 UTC
From: wa5cab@cs.com
Topic: 2641  Message: 2642

Geoff,

Ignore those stuck-in-the-60's types with an ancient BA catalog who are going to tell you under $500. Start out at at least $1000 to $1250 and don't take less than about $750 (which would be a bargain for someone). FYI, the other two critical (meaning moderately hard to find) items are the cord between the BC-610 and 614 and the AC power plug (or cord) for the 610. You probably have them there but when you list it for sale should add them to the list of available items.

In a message dated 3/29/2006 11:42:07 AM Central Standard Time,
w5omr@... writes:
> Good working '610 E model. Used to belong to W5MEU.
>
> I don't -want- to sell it, but financially, have no choice.
>
> Don't worry, I won't be 'giving' it away, either.
>
> What's a fair price?
>
> Working BC-610 E
> BC-614 Speech-Amp
> complete set of coils (1.5Mc ~ 18Mc)
> 3 tuning units (40m, 80m, 160m)
> D-104 Mic
> 2 good 100TH's (1 spare)
> 1 good 250TH (1 spare)
> 2 good 3B28's
> 2 good 807's
> 2 good 2A3's
>

73
Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2643. Re: [T-368_BC-610] BC-610 E

Yahoo group: T-368_BC-610
Date: 2006-03-29 17:59:57 UTC
From: W5OMR/Geoff
Topic: 2641  Message: 2643

> the other two critical (meaning moderately hard to find) items are the
> cord between the BC-610 and 614 and the AC power plug (or cord) for
> the 610. You probably have them there but when you list it for sale
> should add them to the list of available items.
>
> In a message dated 3/29/2006 11:42:07 AM Central Standard Time,
> w5omr@... writes:
>
>> Good working '610 E model. Used to belong to W5MEU.
>>
>> I don't -want- to sell it, but financially, have no choice.
>>
>> Don't worry, I won't be 'giving' it away, either.
>>
>> What's a fair price?
>>
>> Working BC-610 E
>> BC-614 Speech-Amp
>> complete set of coils (1.5Mc ~ 18Mc)
>> 3 tuning units (40m, 80m, 160m)
>> D-104 Mic
>> 2 good 100TH's (1 spare)
>> 1 good 250TH (1 spare)
>> 2 good 3B28's
>> 2 good 807's
>> 2 good 2A3's
>

You're so correct of course, and yes - I have those, as well.

I wouldn't have called it a good working BC-610, unless I had used it,
in it's entirety. '614 included.

Other advice well recieved. Thanks, Robert

--
73 = Best Regards,
-Geoff

# 2644. Re: [T-368_BC-610] BC-610 E

Yahoo group: T-368_BC-610
Date: 2006-03-29 20:54:07 UTC
From: Todd, KA1KAQ
Topic: 2641  Message: 2644

On 3/29/06, wa5cab@... <wa5cab@...> wrote:
> Geoff,
>
> Ignore those stuck-in-the-60's types with an ancient BA catalog who are
> going
> to tell you under $500. Start out at at least $1000 to $1250 and don't
> take
> less than about $750 (which would be a bargain for someone).

Hey, I paid $350 for one last fall that had been lightly-hacked, wasn't terribly ugly, and came with *nothing* but the tubes, tuning units plugged into it and a couple of scruffy coils. So Geoff's has to be worth considerably more than that, in my view. I don't know if you'd get $1K (mainly because someone really has to want it badly), but I certainly agree that a price over $500 is in line, probably in the $700-$900 range. Unless someone lives closeby, the cost of transport gets added to the bottom line.

That said, some of us really love the big iron and will travel to get it. Finding a decent BC-610 of any model isn't as easy today as it was even 5-10 years ago. The better the condition and more complete it is, the higher the price. I'd love to find one of the early models ('D' I think, or earlier)or HT-4 with the two additional side meters, but there just aren't a lot of them around.

Hope it finds a good home!

de Todd/'Boomer' KA1KAQ

# 2645. Modfifying BC-610 coils for Top Band?

Yahoo group: T-368_BC-610
Date: 2006-03-30 16:45:32 UTC
From: g3vkm
Topic: 2645  Message: 2645

Hi All,

Just acquired a nice Top Band tuning unit for my BC-610 rebuild project. I know Top Band PA coils are like gold dust so I was wondering if anyone has modified the 2.0 Mc coils to cover 160m? I do have the vacuum capacitor that goes with that coil (several in fact). Main area of interest is around 1850 kc, as that's the high-power section of the band in Europe.

TIA,

Roger, G3VKM - Norfolk, England.

# 2646. Re: [T-368_BC-610] Modfifying BC-610 coils for Top Band?

Yahoo group: T-368_BC-610
Date: 2006-03-30 19:31:38 UTC
From: rbethman@comcast.net
Topic: 2645  Message: 2646

Roger,

Modifying an existing PA Coil for the 160 mtr band is IMPRACTICLE.

Here is a link to a way of building a 160 mtr coil.

http://hamelectronics.com/w1cki/mk160coil/mk160coil.htm

IF you are not into doing this, write me direct. I have two of them that are in EXCELLENT condition. I purchased them at a hamfest locally.

I can and will mail pics if wanted. I got them still in their original NOS box, wrapped in the MIL protective wrapping.

If it is feasible for shipping, and we agree on price, (I'm NOT out to get rich!), we can work it out.

Bob - N0DGN
---------- Original message ----------
From: "g3vkm" <Roger@...>
> Hi All,
>
> Just acquired a nice Top Band tuning unit for my BC-610 rebuild
> project. I know Top Band PA coils are like gold dust so I was
> wondering if anyone has modified the 2.0 Mc coils to cover 160m? I do
> have the vacuum capacitor that goes with that coil (several in fact).
> Main area of interest is around 1850 kc, as that's the high-power
> section of the band in Europe.
>
> TIA,
>
> Roger, G3VKM - Norfolk, England.
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> Yahoo! Groups Links
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# 2647. Antenna Relay

Yahoo group: T-368_BC-610
Date: 2006-03-31 18:44:49 UTC
From: Rick Brashear
Topic: 2647  Message: 2647

Does anyone happen to have an antenna shorting relay (RY-4) for a BC-610 they would be willing to sell? It's not necessary for operation, but in all three of the 610's I have none have had this relay and I thought it would be nice to have one complete.

Thanks,
Rick/K5IZ

# 2648. Re: [T-368_BC-610] Antenna Relay

Yahoo group: T-368_BC-610
Date: 2006-03-31 20:12:54 UTC
From: eldim@att.net
Topic: 2647  Message: 2648

Hello Rick,
I can't recall what this relay looks like. Have you or anyone a picture that you could email.
73,
Glen Galati, KA7BOJ
Tacoma, WA
eldim@...

---------- Original message from Rick Brashear <rickbras@...>: ----------

Does anyone happen to have an antenna shorting relay (RY-4) for a BC-610 they would be willing to sell? It's not necessary for operation, but in all three of the 610's I have none have had this relay and I thought it would be nice to have one complete.

Thanks,
Rick/K5IZ

SPONSORED LINKS Two way radio Military surplus Satellite radio
Fm radio transmitter Military surplus stores Radio transmitters

YAHOO! GROUPS LINKS

Visit your group "T-368_BC-610" on the web.

To unsubscribe from this group, send an email to:
T-368_BC-610-unsubscribe@yahoogroups.com

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 2649. WTD: Three pin mic plug for BC-614.

Yahoo group: T-368_BC-610
Date: 2006-04-02 16:08:21 UTC
From: g3vkm
Topic: 2649  Message: 2649

Hi All,

Title sez it all, if anyone has a spare please contact me on Roger at new-gate.co.uk.

TIA,

Roger Basford/G3VKM

# 2650. GPT-750 registery ?

Yahoo group: T-368_BC-610
Date: 2006-04-03 15:26:22 UTC
From: Mark Foltarz
Topic: 2650  Message: 2650

Anyone else have one of these transmitters? How about a registery

de KA4JVY

Mark

_____
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

# 2651. BC-610-H

Yahoo group: T-368_BC-610
Date: 2006-04-03 20:16:41 UTC
From: Rick Brashear
Topic: 2628  Message: 2651

She lives! The old "H" model came alive this morning in fine form. No smoke, no pops, no explosions! Of course, I still have my fingers crossed until I have it on the air a while longer. I was using a BC-614-C to run the tests and don't have a way to accurately check the modulator bias. So, before I go further I'll see if I can get the old "H" model speech processor going.

If anyone happens to have a BC-614 "F" thru "H" parts rig with a decent front panel I would sure like to work a deal. The one on my "H" model is full of extra holes and the paint job is horrible. It looks like it was painted with a plasterer's brush! I think all of them since the "F" have the same front panel.

Hopefully, I can have it far enough along to get on 3.88* tonight and get you guys to help me set up the audio and see if she has any obnoxious hums.

Thanks a million for all of the parts, advice and encouragement I have received from so many on this list.

73,
Rick/K5IZ

[Non-text portions of this message have been removed]

# 2652. Shielded Cable

Yahoo group: T-368_BC-610
Date: 2006-04-05 00:16:33 UTC
From: Rick Brashear
Topic: 2652  Message: 2652

Does anyone have a good source for 8 conductor shielded cable as used to connect the BC-614 speech amplifier to the BC-610 transmitter? I'm sure the regular sources will have it, but I am curious if anyone has a more reasonably priced outlet. I am in need of about 20'.

Thanks,
Rick/K5IZ

# 2653. Re: [T-368_BC-610] Shielded Cable

Yahoo group: T-368_BC-610
Date: 2006-04-05 16:58:21 UTC
From: Ed Zeranski
Topic: 2652  Message: 2653

> Does anyone have a good source for 8 conductor shielded cable... Thanks,
> Rick/K5IZ

Is it 4 pair with over all shield or 4 individually shielded pairs? What gauge is called out? We have Belden and Alpha wire references at work, I can look up the cable type numbers for what is being made now.

EdZ KG6UTS

# 2654. Re: [T-368_BC-610] BC-610 E

Yahoo group: T-368_BC-610
Date: 2006-04-06 13:48:15 UTC
From: Mark Foltarz
Topic: 2641  Message: 2654

-- wa5cab@... wrote:

> Geoff,
> Ignore those stuck-in-the-60's types with an ancient BA catalog who are going
> to tell you under $500. Start out at at least $1000 to $1250 and don't take
>

Agreed.

I'm sure you will receive email from knuckleheads stating just that.

When I inquired about a E model with a similar goruping of spares.I received
two such emails indicating that the fair price is $500.

The emails also contain other brown squishy stuff in the form of strange
advise, opinions and truly weird ideas ...

de KA4JVY

Mark

---
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

# 2655. [T-368_BC-610] WTD: Three pin mic plug for BC-614.

Yahoo group: T-368_BC-610
Date: 2006-04-06 18:20:59 UTC
From: brronk777@aol.com
Topic: 2649  Message: 2655

Would like to buy one if you have one to spare.

Many TNX es 73
De Ron K -- W1ARS

[Non-text portions of this message have been removed]

# 2656. BC-610(I)

Yahoo group: T-368_BC-610
Date: 2006-04-07 01:47:16 UTC
From: Rbethman
Topic: 2656  Message: 2656

Look at:

http://home.comcast.net/~rbethman/BC-610.html

Bob

--
Bob Bethman - N?DGN
+-----------------------------------------------------------------+
| N?DGN AMRadio Manassas, VA | REAL Tube Radio and AM |
+-------------------------------+---------------------------------+
| Manassas Radio - Home of Homemade Kielbasa & Pirogi |
+-------------------------------+---------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| rbethman(at)comcast.net \\ ~ ~ // signal does *NOT* mean |
| (/ @ @ /) that everything is OK " |
+-------------------------oOOo-(_)-oOOo----------------------------+
| <http://home.comcast.net/~rbethman> |
| 1 BC-61?I w/BC-614I,1 T-213/GRC-26 w/BC614I 1 '51 Collins R-390A |
| SP-600/NR Type 159, Heath DX-60, Apache, Mohawk, SX-101, HT-32A |
+-------------------------.oooO---Oooo.----------------------------+
| ( ) ( ) |
| \ ( ) / |
| \ _) ( _/ |
+-----------------------------------------------------------------+
| Amateur Astronomer - Celestron Nexstar 8 - Megrez 80mm SD II |
| 12" f5 Dob coming soon! Being built |
| 38 Deg 46'48.62"' N - 77 Deg 28'26.89" W |
+-----------------------------------------------------------------+
| Opinions expressed are that of my own and do not necessarily |
| coincide with or represent those of ANYONE else |
+-----------------------------------------------------------------+
|ALL E-mail received and sent scanned by AVG & Norton System Works |

# 2657. Re: [T-368_BC-610] BC-610(I)

Yahoo group: T-368_BC-610
Date: 2006-04-07 03:06:33 UTC
From: Jack Taylor
Topic: 2656  Message: 2657

Excellent rescue mission, job well done!

73 de Jack - N7OO

----- Original Message -----
From: "Rbethman" <rbethman@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Thursday, April 06, 2006 6:47 PM
Subject: [T-368_BC-610] BC-610(I)

> Look at:
>
> http://home.comcast.net/~rbethman/BC-610.html
>
> Bob
>

# 2658. Re: [T-368_BC-610] BC-610 E

Yahoo group: T-368_BC-610
Date: 2006-04-07 15:07:40 UTC
From: george portell
Topic: 2641  Message: 2658

there are suckers born every day ,and there are people
to take advantage of them'."barnum bailey"'! good luck
i may have a few good 610 i that i will sell to those
luckey few who are listed under that catagory for
$2500.00 ea..beo geo w8qbg.

--- Mark Foltarz <Foltarz@...> wrote:

>
> -- wa5cab@... wrote:
>
> > Geoff,
> > Ignore those stuck-in-the-60's types with an
> ancient BA catalog who are going
> > to tell you under $500. Start out at at least
> $1000 to $1250 and don't take
> >
>
> Agreed.
>
> I'm sure you will receive email from knuckleheads
> stating just that.
>
> When I inquired about a E model with a similar
> goruping of spares.I received
> two such emails indicating that the fair price is
> $500.
>
> The emails also contain other brown squishy stuff
> in the form of strange
> advise, opinions and truly weird ideas ...
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> de KA4JVY
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> Mark
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> _____
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam

> protection around
> http://mail.yahoo.com
>

---
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

# 2659. BC-610(I) - What it SHOULD look like

Yahoo group: T-368_BC-610
Date: 2006-04-07 15:32:46 UTC
From: Rbethman
Topic: 2656  Message: 2659

Tom,

When you work one over, THAT is what it SHOULD look like!

There is NO polishing done. JUST cleaning! Then you get a BC-610 that ANYONE is proud to own and operate!

Wait until I get the pictures up for the T-213. It was a BC-610 reworked by depot in 1959. It was destined to be taken out to sea and dumped overboard. I have it AND all contents, TUs, and PA coils, that came in the depot package. Includes cables and speech amp.

Bob

> Bob,
> Absolutely stunning! Well done.
> I also have a BC-610-I and now you've given me some motivation to get cracking on mine and see what I can do to get 'er on the air.
> Vy 73's,
> -tom

# 2660. BC-610-H

Yahoo group: T-368_BC-610
Date: 2006-04-07 21:43:30 UTC
From: Rick Brashear
Topic: 2628  Message: 2660

I have a unique problem or it's unique to me. I am using FT-171-B size rocks in my "H" model and they are too tall to let the top door close...? Is this not the correct size holder? They work great in my "E" model. I know the cabinets are different, but I thought the same size fit all. Any ideas?

Rick/K5IZ

# 2661. Re: [T-368_BC-610] BC-610-H

Yahoo group: T-368_BC-610
Date: 2006-04-07 21:45:52 UTC
From: James M. Walker
Topic: 2628  Message: 2661

Got a picture, cause mine fit just fine with clearance to spare.
Jim
WB2FCN

----- Original Message -----
From: "Rick Brashear" <rickbras@...>
To: "t 368" <T-368_BC-610@yahoogroups.com>
Sent: Friday, April 07, 2006 5:43 PM
Subject: [T-368_BC-610] BC-610-H

> I have a unique problem or it's unique to me. I am using FT-171-B size
> rocks in my "H" model and they are too tall to let the top door
> close...? Is this not the correct size holder? They work great in my
> "E" model. I know the cabinets are different, but I thought the same
> size fit all. Any ideas?
>
> Rick/K5IZ
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> Yahoo! Groups Links
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# 2662. Long life and Durability

Yahoo group: T-368_BC-610
Date: 2006-04-08 23:52:02 UTC
From: Rbethman
Topic: 2662  Message: 2662

Some may wonder at the "Beastly" BC-610s life and durability.

There is a SW station in South America that has two of them. One runs 24/7 X 365. The second one is a "spare". I don't remember which station it is, but, Jim, WB2FCN, knows of it.

Just like the "Energizer" bunny! Just keeps going.....

Bob - N0DGN

--
Bob Bethman - N?DGN

```
+-------------------------------------------------------------------+
| N?DGN AMRadio Manassas, VA | REAL Tube Radio and AM |
+------------------------------+------------------------------------+
| Manassas Radio - Home of Homemade Kielbasa & Pirogi |
+------------------------------+------------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| rbethman(at)comcast.net \\ ~ ~ // signal does *NOT* mean |
| (/ @ @ /) that everything is OK " |
+-------------------------oOOo-(_)-oOOo----------------------------+
| <http://home.comcast.net/~rbethman> |
| 1 BC-61?I w/BC-614I,1 T-213/GRC-26 w/BC614I 1 '51 Collins R-390A |
| SP-600/NR Type 159, Heath DX-60, Apache, Mohawk, SX-101, HT-32A |
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+-------------------------------------------------------------------+
| Amateur Astronomer - Celestron Nexstar 8 - Megrez 80mm SD II |
| 12" f5 Dob coming soon! Being built |
| 38 Deg 46'48.62"' N - 77 Deg 28'26.89" W |
+-------------------------------------------------------------------+
| Opinions expressed are that of my own and do not necessarily |
| coincide with or represent those of ANYONE else |
+-------------------------------------------------------------------+
|ALL E-mail received and sent scanned by AVG & Norton System Works |
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# 2663. BC-610 PTT schematic

Yahoo group: T-368_BC-610
Date: 2006-04-09 00:14:16 UTC
From: Rbethman
Topic: 2663  Message: 2663

All interested,

I have an 80kb jpeg schematic that will plug into the (R), right hand
connector, of the BC-614(*), to allow for PTT.

This is NOT an internal modification! Original circuit by KJ5V.
Redrawn ONLY for clarity by WB2FCN. Not MY design!

It can be downloaded by going to:

<http://home.comcast.net/~rbethman/BC-610-PTT.jpg>

--
Bob Bethman - N?DGN

```
+-----------------------------------------------------------------+
| N?DGN AMRadio Manassas, VA | REAL Tube Radio and AM |
+--------------------------------+--------------------------------+
| Manassas Radio - Home of Homemade Kielbasa & Pirogi |
+--------------------------------+--------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| rbethman(at)comcast.net \\ ~ ~ // signal does *NOT* mean |
| (/ @ @ /) that everything is OK " |
+-------------------------oOOo-(_)-oOOo----------------------------+
| <http://home.comcast.net/~rbethman> |
| 1 BC-61?I w/BC-614I,1 T-213/GRC-26 w/BC614I 1 '51 Collins R-390A |
| SP-600/NR Type 159, Heath DX-60, Apache, Mohawk, SX-101, HT-32A |
+-------------------------.oooO---Oooo.----------------------------+
| ( ) ( ) |
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+-----------------------------------------------------------------+
| Amateur Astronomer - Celestron Nexstar 8 - Megrez 80mm SD II |
| 12" f5 Dob coming soon! Being built |
| 38 Deg 46'48.62"' N - 77 Deg 28'26.89" W |
+-----------------------------------------------------------------+
| Opinions expressed are that of my own and do not necessarily |
| coincide with or represent those of ANYONE else |
+-----------------------------------------------------------------+
|ALL E-mail received and sent scanned by AVG & Norton System Works |
```

# 2664. [T-368_BC-610] BC-610 PTT schematic - Additional info

Yahoo group: T-368_BC-610
Date: 2006-04-09 00:45:17 UTC
From: Rbethman
Topic: 2664  Message: 2664

All interested,

This circuit REPLACES the EXCEEDINGLY rare JB-70 PTT capability!

It can be downloaded by going to:

<http://home.comcast.net/~rbethman/BC-610-PTT.jpg>

--
Bob Bethman - N?DGN

```
+-----------------------------------------------------------------+
| N?DGN AMRadio Manassas, VA | REAL Tube Radio and AM |
+------------------------------+----------------------------------+
| Manassas Radio - Home of Homemade Kielbasa & Pirogi |
+------------------------------+----------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
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| 1 BC-61?I w/BC-614I,1 T-213/GRC-26 w/BC614I 1 '51 Collins R-390A |
| SP-600/NR Type 159, Heath DX-60, Apache, Mohawk, SX-101, HT-32A |
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+-----------------------------------------------------------------+
| Amateur Astronomer - Celestron Nexstar 8 - Megrez 80mm SD II |
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+-----------------------------------------------------------------+
| Opinions expressed are that of my own and do not necessarily |
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+-----------------------------------------------------------------+
|ALL E-mail received and sent scanned by AVG & Norton System Works |
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Yahoo! Groups Links

# 2665. VFO

Yahoo group: T-368_BC-610
Date: 2006-04-09 13:44:05 UTC
From: Rick Brashear
Topic: 1287  Message: 2665

I am thinking about using a Johnson Model 122 VFO on my 610-H and need to construct a power supply. I know I need 6 volts for the filament of the 122 and I am guess I'll need 250 - 300 vdc for B+. Can someone confirm this for me? I will be going into the 610 via the crystal socket in a TU.

Thanks,
Rick/K5IZ

# 2666. Re: [T-368_BC-610] VFO

Yahoo group: T-368_BC-610
Date: 2006-04-09 15:29:22 UTC
From: Jack Taylor
Topic: 1287  Message: 2666

Doesn't everyone use the built in VFOs?

73 de Jack - N7OO

----- Original Message -----
From: "Rick Brashear" <rickbras@...>
To: "t 368" <T-368_BC-610@yahoogroups.com>
Sent: Sunday, April 09, 2006 6:44 AM
Subject: [T-368_BC-610] VFO

> I am thinking about using a Johnson Model 122 VFO on my 610-H and need
> to construct a power supply. I know I need 6 volts for the filament of
> the 122 and I am guess I'll need 250 - 300 vdc for B+. Can someone
> confirm this for me? I will be going into the 610 via the crystal
> socket in a TU.
>
> Thanks,
> Rick/K5IZ
>

# 2667. Re: [T-368_BC-610] VFO

Yahoo group: T-368_BC-610
Date: 2006-04-09 15:49:05 UTC
From: Rick Brashear
Topic: 1287  Message: 2667

I do occasionally, however, they are real touchy, usually have an offensive hum and tend to drift considerably. There are some modifications that can be made, so I understand, that help with the drifting problem and the hum, but I haven't made any of them. I normally use crystals, but it seems with more and more SSB stations bombarding the AM window it's harder to stay dead on 3.880/85/90. I think quite a few 610 operators use external VFO's with great success, so I I'll give it a try with my "H" model. I can leave the "E" model rock bound and tune around easily with the "H".

Rick/K5IZ

Jack Taylor wrote:

>Doesn't everyone use the built in VFOs?
>
>73 de Jack - N7OO
>
>----- Original Message -----
>From: "Rick Brashear" <rickbras@...>
>To: "t 368" <T-368_BC-610@yahoogroups.com>
>Sent: Sunday, April 09, 2006 6:44 AM
>Subject: [T-368_BC-610] VFO
>
>
>
>
>>I am thinking about using a Johnson Model 122 VFO on my 610-H and need
>>to construct a power supply. I know I need 6 volts for the filament of
>>the 122 and I am guess I'll need 250 - 300 vdc for B+. Can someone
>>confirm this for me? I will be going into the 610 via the crystal
>>socket in a TU.
>>
>>Thanks,
>>Rick/K5IZ
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>Yahoo! Groups Links
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[Non-text portions of this message have been removed]

# 2668. SP600 VLF

Yahoo group: T-368_BC-610
Date: 2006-04-09 16:46:34 UTC
From: Ed Zeranski
Topic: 2668  Message: 2668

A friend has an SP600 VLF he wants to sell. I have no idea what they are selling for now so told him I'd ask the lists. I'm not interested in the receiver myself. Thanks

EdZ

# 2669. MRCG 2006

Yahoo group: T-368_BC-610
Date: 2006-04-09 19:06:00 UTC
From: w7qho@aol.com
Topic: 2669  Message: 2669

Military Radio Collectors Group 2006 Meeting

May 5 – 6, Camp San Luis Obispo, California

The eleventh annual meeting of the Military Radio Collectors Group will be held at the NCO Club, Camp San Luis Obispo, California from May 5 to May 6, 2006. Events will formally begin at 0800 Friday morning, but early arrivals are welcome Thursday afternoon, May 4. Registration will be open at 1800 Thursday evening. Those planning to attend are requested to contact Lynn Fielding at lynn@wb6hqk.ampr.org or (310) 533 – 8627.

Those entering the facility must show automobile registration, proof of insurance, and identification at the front gate! See http://www.calguard.ca.gov/cslo/Veh_Pass_rules.htm for more information. Secured areas for equipment
operation and display will be available inside the Club and there is ample room on the surrounding grounds and the campground to accommodate outdoor activities.

Friday will be devoted to equipment setup and display, operating events, technical presentations, and informal gatherings in and around the campground. Special activities may include fox hunts on 6 meters and/or 75 meters. The swap meet will be held from 0730 – 1100 on Saturday morning with a barbecue following at noon ( advance sign up required, see below). Coffee, tea, water and soft drinks will be available during the event. Continental breakfast items and juice will be available on Friday and Saturday mornings Lunch on Friday, dinner on Friday, and a lunch on Saturday will also be available with advance sign up. Contact Lynn Fielding at lynn@wb6hqk.ampr.org for food details.

Tent and car camping will be available on site adjacent to the event. Full RV hookups are available for $16 and electricity and water only are available for $14 per night. Billeting is available at the camp on a space available basi s for $23 per person per night. VIP quarters are $25.75 per night. Hookup and billeting reservations can be made by calling (805) 594 - 6500.

There are no admission charges for this event, but a fair share contribution of $10.00 is requested from each participant to defray event costs.

Points of Contact
Lynn Fielding, KE6JZD (Registration and Logistics)
lynn@...
(310) 533 – 8627

Bart Rowlett, WB6HQK
bart@...
(310) 533 – 8627

Other Useful Information
http://visitslo.com/
http://www.discoverourtown.com/TownPage.php?Town=2156&Cat=Organizations
http://www.calguard.ca.gov/CAAG-MS/
http://www.syzen.com/milradio/

Directions:
From the 101, take highway 1 west, toward Morro Bay.  Camp San Luis Obispo is five miles west of San Luis Obispo. Turn south (left) from Highway 1 to enter at the main gate.  The NCO Club and the campground is on the west side of the camp.  Directional signs will be posted along the route from the main gate to the NCO Club.

[Non-text portions of this message have been removed]

# 2670. Re: [T-368_BC-610] BC-610 PTT schematic

Yahoo group: T-368_BC-610
Date: 2006-04-09 21:28:14 UTC
From: Rbethman
Topic: 2663  Message: 2670

Robert,

You are absolutely correct, Lon Cottingham, K5JV!

Brain had it - fingers lost it!

Bob - N0DGN

WA5CAB@... wrote:

> Bob,
>
> I'd bet that's K5JV, Lon, not KJ5V.
>
> In a message dated 4/8/2006 7:32:44 PM Central Daylight Time,
> rbethman@... writes:
>
>> I have an 80kb jpeg schematic that will plug into the (R), right hand
>> connector, of the BC-614(*), to allow for PTT.
>>
>> This is NOT an internal modification! Original circuit by KJ5V.
>> Redrawn ONLY for clarity by WB2FCN. Not MY design!
>>
>> It can be downloaded by going to:
>>
>> <http://home.comcast.net/~rbethman/BC-610-PTT.jpg>
>
>
>
> Robert Downs - Houston
> <http://www.wa5cab.com> (Web Store)
> MVPA 9480
> <wa5cab@...> (Primary email)
> <wa5cab@...> (Backup email)

--
Bob Bethman - N?DGN
+-----------------------------------------------------------------+
| REAL Tube Radio and AM |
+-----------------------------------------------------------------+
| Manassas Radio - Home of Homemade Kielbasa & Pirogi |
+-------------------------------+---------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| rbethman(at)comcast.net \\ ~ ~ // signal does *NOT* mean |
| (/ @ @ /) that everything is OK " |
+-------------------------oOOo-(_)-oOOo----------------------------+

```
| <http://home.comcast.net/~rbethman> |
| <http://home.comcast.net/~rbethman/BC-610.html> |
| BC-61?I w/BC-614I, T-213/GRC-26 w/BC614I '51 Collins R-390A |
| SP-600/NR Type 159, Heath DX-60, Apache, Mohawk, SX-101, HT-32A |
+-----------------------------------------------------------------+
| Amateur Astronomer - Celestron Nexstar 8 - Megrez 80mm SD II |
| 12" f5 Dob coming soon! Being built |
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+-----------------------------------------------------------------+
| Opinions expressed are that of my own and do not necessarily |
| coincide with or represent those of ANYONE else |
+-----------------------------------------------------------------+
| ALL E-mail received and sent scanned by Windows OneCare Live |
+-----------------------------------------------------------------+
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# 2671. Re: [T-368_BC-610] VFO

Yahoo group: T-368_BC-610
Date: 2006-04-10 11:02:14 UTC
From: James M. Walker
Topic: 1287  Message: 2671

Assuming that you are using the tuning units, are you
aware that the input frequency is different for each
unit, depending on transmitter output frequency.
The frequencies listed in the manual, are the frequency
of the xtal, and then the transmit output frequency.
as in on 3880 mhz the drive freq is 3880 to the tuning unit.
On 7290, the input frequency is 3645. I am not sure the
output of the VFO-122 does that, I think it has an output
at the operating frequency only, as in on 7290 the output
of the VFO is 7290, no telling where/if the tuning unit
will be outputting a signal. You might want to check the
VFO-122 manual to be sure.

Jim
WB2FCN

----- Original Message -----
From: "Rick Brashear" <rickbras@...>
To: "t 368" <T-368_BC-610@yahoogroups.com>
Sent: Sunday, April 09, 2006 9:44 AM
Subject: [T-368_BC-610] VFO

> I am thinking about using a Johnson Model 122 VFO on my 610-H and need
> to construct a power supply. I know I need 6 volts for the filament of
> the 122 and I am guess I'll need 250 - 300 vdc for B+. Can someone
> confirm this for me? I will be going into the 610 via the crystal
> socket in a TU.
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> Thanks,
> Rick/K5IZ
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> Yahoo! Groups Links
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# 2672. Re: [T-368_BC-610] VFO

Yahoo group: T-368_BC-610
Date: 2006-04-10 11:12:33 UTC
From: James M. Walker
Topic: 1287  Message: 2672

Rick,
if you are experiencing hum and drifting when in
master oscillator mode with the tuning unit. It might
NOT be the tuning at fault, drifting is usually associated
with the power supplies to the OSC/Multiplier circuits.
If the power changes under load then you will have
drift problems. Monitoring of the VR-150s on the
exciter deck is a good indicator. If they flash on and off
with modulation (AM) mode then definitely it is supply
related. Also a good test is to tune the rig into a dummy
load, set it at around 300 watts, then while sending a few
long dashes in CW mode monitor the drive to the 807s
if that level moves around a lot, power supply is most
likely the problem.

My tuning procedure is to load the rig at the power level
I intend to operate at the approximate frequency, then once
the rig is tuned, I adjust the frequency to where I want it
using a known good frequency counter. After that I have
not noticed any drifting, or hum on the signal.
YMMV
Jim
WB2FCN

----- Original Message -----
From: "Rick Brashear" <rickbras@...>
To: "Jack Taylor" <jack.taylor@...>
Cc: "t 368" <T-368_BC-610@yahoogroups.com>
Sent: Sunday, April 09, 2006 11:49 AM
Subject: Re: [T-368_BC-610] VFO

> I do occasionally, however, they are real touchy, usually have an
> offensive hum and tend to drift considerably. There are some
> modifications that can be made, so I understand, that help with the
> drifting problem and the hum, but I haven't made any of them. I
> normally use crystals, but it seems with more and more SSB stations
> bombarding the AM window it's harder to stay dead on 3.880/85/90. I
> think quite a few 610 operators use external VFO's with great success,
> so I I'll give it a try with my "H" model. I can leave the "E" model
> rock bound and tune around easily with the "H".
>
> Rick/K5IZ
>
>
> Jack Taylor wrote:
>

> >Doesn't everyone use the built in VFOs?
> >
> >73 de Jack - N7OO

# 2673. Re: [T-368_BC-610] VFO

Yahoo group: T-368_BC-610
Date: 2006-04-10 15:38:22 UTC
From: Jack Taylor
Topic: 1287  Message: 2673

Once upon a time on a reflector far-far away, someone suggested a cause for drift is
due to interelectrode changes when applying B+ to the oscillator. Apparently the thought
was, it takes several seconds for the elements to 'stabilize'. I experimented with my BC-610
by using a frequency counter and measuring the frequency over time. The greatest shift
indeed occurred immediately following applying B+ and slowly stabilized to a reasonable
amount after 4-5 minutes. The amount of drift is also a function of the oscillator tube
being used. I tried several 6V6s, and noted that some drifted more than others before
stabilizing.

The suggested solution was to keep B+ applied to the oscillator all the time by shifting
the tube's operating parameters from class A on receive to class C on transmit. This is
done by switching the tube's bias as part of the PTT process.

Once this is accomplished, one can go into the tuning unit itself and apply temperature
compensating capacitors to minimize long term drift and, if desired, band spread the VFO
over the range of interest in order to reduce it's tuning sensitivity.

As for myself, other than making initial measurements, I got side-tracked and never
followed up with the bias shift circuit. However it seems like a worthwhile pursuit.

73 de Jack - N7OO

----- Original Message -----
From: "James M. Walker" <chejmw@...>
To: <T-368_BC-610@yahoogroups.com>; "Rick Brashear" <rickbras@...>
Sent: Monday, April 10, 2006 4:12 AM
Subject: Re: [T-368_BC-610] VFO

> Rick,
> if you are experiencing hum and drifting when in
> master oscillator mode with the tuning unit. It might
> NOT be the tuning at fault, drifting is usually associated
> with the power supplies to the OSC/Multiplier circuits.

> If the power changes under load then you will have
> drift problems. Monitoring of the VR-150s on the
> exciter deck is a good indicator. If they flash on and off
> with modulation (AM) mode then definitely it is supply
> related. Also a good test is to tune the rig into a dummy
> load, set it at around 300 watts, then while sending a few
> long dashes in CW mode monitor the drive to the 807s
> if that level moves around a lot, power supply is most
> likely the problem.
>
> My tuning procedure is to load the rig at the power level
> I intend to operate at the approximate frequency, then once
> the rig is tuned, I adjust the frequency to where I want it
> using a known good frequency counter. After that I have
> not noticed any drifting, or hum on the signal.
> YMMV
> Jim
> WB2FCN
>
> ----- Original Message -----
> From: "Rick Brashear" <rickbras@...>
> To: "Jack Taylor" <jack.taylor@...>
> Cc: "t 368" <T-368_BC-610@yahoogroups.com>
> Sent: Sunday, April 09, 2006 11:49 AM
> Subject: Re: [T-368_BC-610] VFO
>
>
> > I do occasionally, however, they are real touchy, usually have an
> > offensive hum and tend to drift considerably. There are some
> > modifications that can be made, so I understand, that help with the
> > drifting problem and the hum, but I haven't made any of them. I
> > normally use crystals, but it seems with more and more SSB stations
> > bombarding the AM window it's harder to stay dead on 3.880/85/90. I
> > think quite a few 610 operators use external VFO's with great success,
> > so I I'll give it a try with my "H" model. I can leave the "E" model
> > rock bound and tune around easily with the "H".
> >
> > Rick/K5IZ
>

# 2674. Re: [T-368_BC-610] VFO

Yahoo group: T-368_BC-610
Date: 2006-04-10 16:08:30 UTC
From: James M. Walker
Topic: 1287  Message: 2674

The previous post brought out a thought,
the tube lineup for the exciter section front
end, is finicky, the 6V6 is a 6V6GT, the 6L6
is suggested to be an RCA 6L6 metal, they
don't mention any other manufacturers for the rest
but I have to think someone did some tests to
come up with those two in particular.
YMMV
Jim
WB2FCN

----- Original Message -----
From: Rick Brashear
To: James M. Walker
Sent: Monday, April 10, 2006 11:47 AM
Subject: Re: [T-368_BC-610] VFO

Thanks Jim, I'll check into that to be sure where the problem is. I appreciate the help.

73,
Rick/K5IZ

James M. Walker wrote:

Rick,
if you are experiencing hum and drifting when in
master oscillator mode with the tuning unit. It might
NOT be the tuning at fault, drifting is usually associated
with the power supplies to the OSC/Multiplier circuits.
If the power changes under load then you will have
drift problems. Monitoring of the VR-150s on the
exciter deck is a good indicator. If they flash on and off
with modulation (AM) mode then definitely it is supply
related. Also a good test is to tune the rig into a dummy
load, set it at around 300 watts, then while sending a few
long dashes in CW mode monitor the drive to the 807s
if that level moves around a lot, power supply is most
likely the problem.

My tuning procedure is to load the rig at the power level
I intend to operate at the approximate frequency, then once
the rig is tuned, I adjust the frequency to where I want it
using a known good frequency counter. After that I have
not noticed any drifting, or hum on the signal.
YMMV
Jim

WB2FCN

----- Original Message -----
From: "Rick Brashear" <rickbras@...>
To: "Jack Taylor" <jack.taylor@...>
Cc: "t 368" <T-368_BC-610@yahoogroups.com>
Sent: Sunday, April 09, 2006 11:49 AM
Subject: Re: [T-368_BC-610] VFO

I do occasionally, however, they are real touchy, usually have an offensive hum and tend to drift considerably. There are some modifications that can be made, so I understand, that help with the drifting problem and the hum, but I haven't made any of them. I normally use crystals, but it seems with more and more SSB stations bombarding the AM window it's harder to stay dead on 3.880/85/90. I think quite a few 610 operators use external VFO's with great success, so I I'll give it a try with my "H" model. I can leave the "E" model rock bound and tune around easily with the "H".

Rick/K5IZ

Jack Taylor wrote:

Doesn't everyone use the built in VFOs?

73 de Jack - N7OO

[Non-text portions of this message have been removed]

# 2675. Re: [T-368_BC-610] VFO

Yahoo group: T-368_BC-610
Date: 2006-04-10 17:14:33 UTC
From: Jack Taylor
Topic: 1287  Message: 2675

I just checked the exciter tube line up and can confirm I ended up with a V-8, 6V6GT
(Raytheon) oscillator and V-9, an RCA metal 6L6 as being the most stable during my tests.

73 de Jack - N7OO

----- Original Message -----
From: "James M. Walker" <chejmw@...>
To: <T-368_BC-610@yahoogroups.com>; "Rick Brashear" <rickbras@...>
Sent: Monday, April 10, 2006 9:08 AM
Subject: Re: [T-368_BC-610] VFO

> The previous post brought out a thought,
> the tube lineup for the exciter section front
> end, is finicky, the 6V6 is a 6V6GT, the 6L6
> is suggested to be an RCA 6L6 metal, they
> don't mention any other manufacturers for the rest
> but I have to think someone did some tests to
> come up with those two in particular.
> YMMV
> Jim
> WB2FCN
>

# 2676. Re: [T-368_BC-610] VFO

Yahoo group: T-368_BC-610
Date: 2006-04-11 00:12:37 UTC
From: doran platt
Topic: 1287  Message: 2676

Good point. The 122 VFO puts out on 160 and 40 meters. It does work
with the '610 just fine in my experience, however. I should add that
usage was principally on 75 meters.....

James M. Walker wrote:

> Assuming that you are using the tuning units, are you
> aware that the input frequency is different for each
> unit, depending on transmitter output frequency.
> The frequencies listed in the manual, are the frequency
> of the xtal, and then the transmit output frequency.
> as in on 3880 mhz the drive freq is 3880 to the tuning unit.
> On 7290, the input frequency is 3645. I am not sure the
> output of the VFO-122 does that, I think it has an output
> at the operating frequency only, as in on 7290 the output
> of the VFO is 7290, no telling where/if the tuning unit
> will be outputting a signal. You might want to check the
> VFO-122 manual to be sure.
>
> Jim
> WB2FCN
>
> ----- Original Message -----
> From: "Rick Brashear" <rickbras@...>
> To: "t 368" <T-368_BC-610@yahoogroups.com>
> Sent: Sunday, April 09, 2006 9:44 AM
> Subject: [T-368_BC-610] VFO
>
>
> > I am thinking about using a Johnson Model 122 VFO on my 610-H and need
> > to construct a power supply. I know I need 6 volts for the filament of
> > the 122 and I am guess I'll need 250 - 300 vdc for B+. Can someone
> > confirm this for me? I will be going into the 610 via the crystal
> > socket in a TU.
> >
> > Thanks,
> > Rick/K5IZ
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> ---
> YAHOO! GROUPS LINKS
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> * Visit your group "T-368_BC-610
> <http://groups.yahoo.com/group/T-368_BC-610>" on the web.
>
> * To unsubscribe from this group, send an email to:
> T-368_BC-610-unsubscribe@yahoogroups.com
> <mailto:T-368_BC-610-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
>
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> ---
>

[Non-text portions of this message have been removed]

# 2677. PCBs (polychlorinated biphenols) In BC-610-* HV transformers?

Yahoo group: T-368_BC-610
Date: 2006-04-11 15:23:36 UTC
From: g3vkm
Topic: 2677  Message: 2677

Hi All,

A "health & safety" issue here!

I have three HV transformers (T6) for my BC-610-E, one is a conventional model, made in France, as seen in TM11-826 fitted in the -E model and the other two are smaller, lighter types made by Ferranti which appear to be oil-filled. My '610 had no T6 fitted when I bought it (easier to move!) and I'm intending to fit the conventional version, but I would like to know what the other two are filled with? If it's PCBs then I may have an expensive disposal problem!

The two bear the labels "Ferranti BC54" (the 4 looks to be stamped on later, possibly a build year - 1954?) "TF1A02YY" and "BC STK No 2Z9612.1", the latter being the Signal Corps part number for T6, according to TM11-826.

Any advice welcome! I would prefer The Beast to extrude a "whiff of garlic" rather than that of PCBs! :-))

73,

Roger/G3VKM

# 2678. "Beast" Durability - the SW Station

Yahoo group: T-368_BC-610
Date: 2006-04-13 00:26:35 UTC
From: Rbethman
Topic: 2678  Message: 2678

All,

The South American that used to use the BC-610 is HCJB in Quito, Ecuador.

Just to fill in the gap left.

Bob - N0DGN

--
Bob Bethman - N?DGN
+----------------------------------------------------------------+
| REAL Tube Radio and AM |
+----------------------------------------------------------------+
| Manassas Radio - Home of Homemade Kielbasa & Pirogi |
+-------------------------------+--------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| rbethman(at)comcast.net \\ ~ ~ // signal does *NOT* mean |
| (/ @ @ /) that everything is OK " |
+-------------------------oOOo-(_)-oOOo---------------------------+
| <http://home.comcast.net/~rbethman> |
| <http://home.comcast.net/~rbethman/BC-610.html> |
| BC-61?I w/BC-614I, T-213/GRC-26 w/BC614I '51 Collins R-390A |
| SP-600/NR Type 159, Heath DX-60, Apache, Mohawk, SX-101, HT-32A |
+----------------------------------------------------------------+
| Amateur Astronomer - Celestron Nexstar 8 - Megrez 80mm SD II |
| 12" f5 Dob coming soon! Being built |
| 38 Deg 46'48.62"' N - 77 Deg 28'26.89" W |
+----------------------------------------------------------------+
| Opinions expressed are that of my own and do not necessarily |
| coincide with or represent those of ANYONE else |
+----------------------------------------------------------------+
| ALL E-mail received and sent scanned by Windows OneCare Live |
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# 2679. FS: Terminal Boards

Yahoo group: T-368_BC-610
Date: 2006-04-15 13:10:42 UTC
From: Brian Carling
Topic: 2679  Message: 2679

FOR SALE:

FIVE-way turret type terminal strips - great for homebrewing.
Has two mounting holes and 5 turrets for mounting parts.2.6" long.
Multiple wires may be soldered directly to each turret. These are
top quality, new stock bakelite strips, great for building
classic homebrew tube radio or audio equipment etc.
Selling for $1.25 each or 10 for $1.00 each.

SIX-way bakelite terminal strips.Has center mounting tab
for ground 2.6" long. These rae the traditional tag strips.
Selling for $1.25each or 10 or more $1.00 each.

Pictures and details:

http://www.af4k.com/boards.htm

# 2680. 250th glow

Yahoo group: T-368_BC-610
Date: 2006-04-17 19:51:43 UTC
From: Rick Brashear
Topic: 2680  Message: 2680

I know this is a subjective question, but when running a BC-610 in "phone" position at near 100% modulation and fully loaded, (375 watts) about how much cherry glow should the 250th have? I am getting conflicting answers and thought I'd go to the ones who know best.

Thanks,
Rick/K5IZ

# 2681. BC-610 & Belton

Yahoo group: T-368_BC-610
Date: 2006-04-18 14:43:14 UTC
From: W5OMR/Geoff
Topic: 2681  Message: 2681

Sad to report, but I will not be going to Belton, TX nor taking my
BC-610 for sale.

The Death yesterday morning of a very dear friend precludes me from
traveling this weekend. The rosary is Friday, the funeral is Saturday.

My apologies to those who had made travel plans.

--
73 = Best Regards,
-Geoff/W5OMR

# 2682. Re: [T-368_BC-610] 250th glow

Yahoo group: T-368_BC-610
Date: 2006-04-18 15:57:46 UTC
From: yardleyite@aol.com
Topic: 2680  Message: 2682

Rick,
Look for a bright orange-reddish hue from the tantalum plate of your 250TH. Your dipped plate resonance should be in the vicinity of 250ma., depending on how you load the transmitter.

Best Regards,
Joe Cro N3IBX

[Non-text portions of this message have been removed]

# 2683. BC-610-I Overload relay problem:

Yahoo group: T-368_BC-610
Date: 2006-04-18 22:13:02 UTC
From: yardleyite@aol.com
Topic: 2683  Message: 2683

Hello All,
I've been having a problem with my BC-610-I that I'd like to
ask the advice of the group:

Whenever I key it in the normal high power position, the overload
relay(RLY5?) chatters like crazy and then eventually blows a inline circut breaker, or
just won't key up. If I actuate the plate switch in the HV protect mode, all
is well and the transmitter keys normally, though it reads very little
modulator current. Plate current is approx 100 ma or so in the HV protect mode.

I changed the 3B28 rectifiers as well as gone through the normal checks
associated with this type of problem except pulling the rectifier tubes and key
the plate switch. I figured if the plate transformer was shorted it wouldn't
key up even in the HV protect mode.

Any ideas or guidance as to what my problem could be will be most
appreciated!

Very Best Regards,
Joe Cro N3IBX

[Non-text portions of this message have been removed]

# 2684. Re: [T-368_BC-610] BC-610-I Overload relay problem:

Yahoo group: T-368_BC-610
Date: 2006-04-18 22:56:17 UTC
From: James M. Walker
Topic: 2683  Message: 2684

Sounds like you lost one of the 100TH modulator
tubes! Bet if you have help, and watch the area in
back by them, you will see the tube/tubes flashing during
the relay chattering episode.

Jim
WB2FCN

----- Original Message -----
From: <yardleyite@...>
To: <t-368_bc-610@yahoogroups.com>
Sent: Tuesday, April 18, 2006 6:13 PM
Subject: [T-368_BC-610] BC-610-I Overload relay problem:

> Hello All,
> I've been having a problem with my BC-610-I that I'd like to
> ask the advice of the group:
>
> Whenever I key it in the normal high power position, the overload
> relay(RLY5?) chatters like crazy and then eventually blows a inline circut
breaker, or
> just won't key up. If I actuate the plate switch in the HV protect mode,
all
> is well and the transmitter keys normally, though it reads very little
> modulator current. Plate current is approx 100 ma or so in the HV protect
mode.
>
> I changed the 3B28 rectifiers as well as gone through the normal checks
> associated with this type of problem except pulling the rectifier tubes
and key
> the plate switch. I figured if the plate transformer was shorted it
wouldn't
> key up even in the HV protect mode.
>
> Any ideas or guidance as to what my problem could be will be most
> appreciated!
>
> Very Best Regards,
> Joe Cro N3IBX
>
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> [Non-text portions of this message have been removed]
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# 2685. Re: [T-368_BC-610] BC-610-I Overload relay problem:

Yahoo group: T-368_BC-610
Date: 2006-04-19 01:03:29 UTC
From: W5OMR/Geoff
Topic: 2683  Message: 2685

yardleyite@... wrote:

>Hello All,
> I've been having a problem with my BC-610-I that I'd like to
>ask the advice of the group:
>
>Whenever I key it in the normal high power position, the overload
>relay(RLY5?) chatters like crazy and then eventually blows a inline circut breaker, or
>just won't key up. If I actuate the plate switch in the HV protect mode, all
>is well and the transmitter keys normally, though it reads very little
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>
>I changed the 3B28 rectifiers as well as gone through the normal checks
>associated with this type of problem except pulling the rectifier tubes and key
>the plate switch. I figured if the plate transformer was shorted it wouldn't
>key up even in the HV protect mode.
>

you wont see as much current with the HV protect switch up, as this sets
a resistor in series with the B+ effectivly reducing the B+. As for the
problem, it sounds like a high voltage short in either the modulation
transformer primary, or the plate transformer.

--
73 = Best Regards,
-Geoff/W5OMR

# 2686. Re: [T-368_BC-610] BC-610-I Overload relay problem addendum:

Yahoo group: T-368_BC-610
Date: 2006-04-19 01:21:36 UTC
From: yardleyite@aol.com
Topic: 2686  Message: 2686

Many thanks for all who replied. I forgot to mention one small detail:

It doesn't matter if I have it in the phone or CW position, it still arcs over and trips the relay when not in the HV protect mode.

I hope it's not the plate or mod iron, but whatever it is so be it. Just in case I plan on looking at the 100TH's whilst I key the plate. Ditto with the 250TH.

Best Regards,
Joe Cro N3IBX

[Non-text portions of this message have been removed]

# 2687. Re: [T-368_BC-610] BC-610-I Overload relay problem:

Yahoo group: T-368_BC-610
Date: 2006-04-19 14:29:42 UTC
From: Rick Brashear
Topic: 2683  Message: 2687

Hi Joe,

Although not as likely as some of the other suggestions you've received,
it's possible the relay is out of adjustment. The TM has a short
section on how to adjust it for each of the different models. If, for
some reason, the relay is adjusted for the incorrect amount of current
it could be bouncing back and forth causing spikes that could eventually
blow the fuse.

Rick/K5IZ

yardleyite@... wrote:

>Hello All,
> I've been having a problem with my BC-610-I that I'd like to
>ask the advice of the group:
>
>Whenever I key it in the normal high power position, the overload
>relay(RLY5?) chatters like crazy and then eventually blows a inline circut breaker, or
>just won't key up. If I actuate the plate switch in the HV protect mode, all
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>I changed the 3B28 rectifiers as well as gone through the normal checks
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>the plate switch. I figured if the plate transformer was shorted it wouldn't
>key up even in the HV protect mode.
>
>Any ideas or guidance as to what my problem could be will be most
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>
>Very Best Regards,
> Joe Cro N3IBX
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# 2688. Re: [T-368_BC-610] BC-610-I Overload relay problem:

Yahoo group: T-368_BC-610
Date: 2006-04-19 14:46:14 UTC
From: Alan Cohen
Topic: 2683  Message: 2688

When I first saw this post I thought about the possibility of the relay being out of adjustment, but dismissed it when it said that the breaker popped. My unit is the F model, which is the first of the "new" case style models. I had a problem with the high voltage wire breaking down. I never did find the exact place where it was happening but the problem went away after replacing the wire. I did not replace the wire on the power supply or modulator chassis, just all the wire that ran between the three decks. It is pretty easy to do, and does not require taking the transmitter apart. You only have to remove the side panels.

Alan WA2DZL

On Apr 19, 2006, at 10:29 AM, Rick Brashear wrote:

> Hi Joe,
>
> Although not as likely as some of the other suggestions you've
> received,
> it's possible the relay is out of adjustment. The TM has a short
> section on how to adjust it for each of the different models. If, for
> some reason, the relay is adjusted for the incorrect amount of current
> it could be bouncing back and forth causing spikes that could
> eventually
> blow the fuse.
>
> Rick/K5IZ
>
> yardleyite@... wrote:
>
> >Hello All,
> > I've been having a problem with my BC-610-I that I'd
> like to
> >ask the advice of the group:
> >
> >Whenever I key it in the normal high power position, the overload
> >relay(RLY5?) chatters like crazy and then eventually blows a
> inline circut breaker, or
> >just won't key up. If I actuate the plate switch in the HV
> protect mode, all
> >is well and the transmitter keys normally, though it reads very
> little
> >modulator current. Plate current is approx 100 ma or so in the HV
> protect mode.
> >
> >I changed the 3B28 rectifiers as well as gone through the normal

> checks
> >associated with this type of problem except pulling the rectifier
> tubes and key
> >the plate switch. I figured if the plate transformer was shorted
> it wouldn't
> >key up even in the HV protect mode.
> >
> >Any ideas or guidance as to what my problem could be will be most
> >appreciated!
> >
> >Very Best Regards,
> > Joe Cro N3IBX
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> >[Non-text portions of this message have been removed]
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> SPONSORED LINKS
> Two way radio Military surplus Satellite radio
> Fm radio transmitter Military surplus stores Radio transmitters
>
> YAHOO! GROUPS LINKS
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> Visit your group "T-368_BC-610" on the web.
>
> To unsubscribe from this group, send an email to:
> T-368_BC-610-unsubscribe@yahoogroups.com
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
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[Non-text portions of this message have been removed]

# 2689. BC-614-E need.....

Yahoo group: T-368_BC-610
Date: 2006-04-23 23:31:54 UTC
From: Bob Richmond
Topic: 2689  Message: 2689

Trying to restore Hallicrafter BC-610-E transmitter and just found out that the Hi-Voltage transformer (T-103) is open and I have no B+ voltages for the BC-614-E Speech amplifier..

Where might I find a replacement?

Bob
w8mnq the 2nd

[Non-text portions of this message have been removed]

# 2690. Re: [T-368_BC-610] BC-614-E need.....

Yahoo group: T-368_BC-610
Date: 2006-04-23 23:37:00 UTC
From: james1787@aol.com
Topic: 2689  Message: 2690

If money is no object and you can't find a replacement.. Peter Dahl can rebuild your transformer.. for a price. I've had work done by the company in the past and they did wonderful work. www.peterdahl.com

73,

James KB2FCV

-----Original Message-----
From: Bob Richmond <w8mnq@...>
To: BC-610 RELECTOR <T-368_BC-610@yahoogroups.com>
Cc: MILSURPLUS REFLECTOR <milsurplus@...>; HALLICRAFTER REFLECTOR <hallicrafters@...>; BOATANCHORS REFLECTOR <boatanchors@...>
Sent: Sun, 23 Apr 2006 19:31:54 -0400
Subject: [T-368_BC-610] BC-614-E need.....

Trying to restore Hallicrafter BC-610-E transmitter and just found out that the
Hi-Voltage transformer (T-103) is open and I have no B+ voltages for the
BC-614-E Speech amplifier..

Where might I find a replacement?

Bob
w8mnq the 2nd

[Non-text portions of this message have been removed]

Yahoo! Groups Links

# 2691. Re: [T-368_BC-610] BC-614-E need.....

Yahoo group: T-368_BC-610
Date: 2006-04-23 23:42:20 UTC
From: Joe Foley
Topic: 2689  Message: 2691

--- james1787@... wrote:

> If money is no object and you can't find a
> replacement.. Peter Dahl can
> rebuild your transformer.. for a price. I've had
> work done by the
> company in the past and they did wonderful work.
> www.peterdahl.com
++++++++
I was half way to getting him plans to make an
air-cooled plate transformer for the T-368 but never
finished the project.

Have you ever asked him for such a thing yet?

Joe

_____
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

# 2692. Re: [T-368_BC-610] BC-614-E need.....

Yahoo group: T-368_BC-610
Date: 2006-04-23 23:52:57 UTC
From: wa5cab@cs.com
Topic: 2689  Message: 2692

Bob,

I've forgotten exactly what all is still on that shelf but it's possible that
I might still have a plate transformer for an BC-610-E. But before we go
down that road, what does that have to do with no B+ in the speech amp?

In a message dated 4/23/2006 6:32:24 PM Central Daylight Time,
w8mnq@... writes:
> Trying to restore Hallicrafter BC-610-E transmitter and just found out that
> the Hi-Voltage transformer (T-103) is open and I have no B+ voltages for the
> BC-614-E Speech amplifier..
>
> Where might I find a replacement?
>
> Bob
> w8mnq the 2nd
>
> [Non-text portions of this message have been removed]
>

Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2693. Re: [T-368_BC-610] BC-614-E need.....

Yahoo group: T-368_BC-610
Date: 2006-04-24 00:21:14 UTC
From: Rick Brashear
Topic: 2689  Message: 2693

Hi Bob,

I don't mean to second guess your trouble shooting, but the 610 can
appear to have no B+ under a few different circumstances such as open
safety switches or the key in the speech amp not being closed.

Rick/K5IZ

Bob Richmond wrote:

>Trying to restore Hallicrafter BC-610-E transmitter and just found out that the Hi-Voltage transformer (T-103) is open and I have no B+ voltages for the BC-614-E Speech amplifier..
>
>Where might I find a replacement?
>
>Bob
>w8mnq the 2nd
>
>
>
>

# 2694. Re: [T-368_BC-610] BC-614-E need.....

Yahoo group: T-368_BC-610
Date: 2006-04-24 01:23:56 UTC
From: W5OMR/Geoff
Topic: 2689  Message: 2694

Bob Richmond wrote:

>>Trying to restore Hallicrafter BC-610-E transmitter and just found out that the Hi-Voltage transformer (T-103) is open and I have no B+ voltages for the BC-614-E Speech amplifier..
>>
>>Where might I find a replacement?
>>
>>
>>
> Rick Brashear wrote:
>
>Hi Bob,
>
>I don't mean to second guess your trouble shooting, but the 610 can
>appear to have no B+ under a few different circumstances such as open
>safety switches or the key in the speech amp not being closed.
>

If you don't find something, Bob, let me know. I've got 2 spare '610 plate transformers.

Mind you, I'm in San Antonio, TX - I'm leaving for out of town in the wee hours of the morning, and probably won't be back till NEXT sunday evening...

but I do have 'em.

--
73 = Best Regards,
-Geoff/W5OMR

A: Yes.

> Q: Are you sure?

>> A: Because it reverses the logical flow of conversation.

>>> Q: Why is top posting annoying in email?

# 2695. Hallicrafter BC-610-E request....

Yahoo group: T-368_BC-610
Date: 2006-04-24 16:16:38 UTC
From: Bob Richmond
Topic: 2695  Message: 2695

Has anyone out there in "radio-land" have the front panel metal pocket that holds the "tune-up" charts???

Bob
w8mnq the 2nd

[Non-text portions of this message have been removed]

# 2696. Reduced: BC610 Tuning Unit

Yahoo group: T-368_BC-610
Date: 2006-04-27 11:54:46 UTC
From: Brian Carling
Topic: 2696  Message: 2696

REDUCED:

TU-51 Tuning Unit for BC610 Transmitter.
QTY 1 available in very good condition. I have
only this one. No other ranges.
Has the original knobs. There are no
modifications.
Everything looks to be in very good shape inside
and out.
Has crystal socket, and also covers 5.0 to 6.35
MHz
Very good condition. QTY 1 for $29.00 plus
shipping.

Picture and details at:
http://www.af4k.com/miscpart.htm

[Non-text portions of this message have been removed]

# 2697. FS: ANTIQUE RADIO PARTS

Yahoo group: T-368_BC-610
Date: 2006-05-03 12:02:04 UTC
From: Brian Carling
Topic: 2697  Message: 2697

FOR SALE:

For pictures and more details see:
http://www.af4k.com/miscpart.htm

4CX300A Power Tetrode Tube.
QTY 1 Available for $9.00 plus shipping.

TUBE PLATE CAP.
Made for a plate cap that is 1/2" diameter. Overall dimensions
are 1-5/16" diameter X 1-5/16" tall.
QTY 1 available for $8.00 plus shipping.

ANTIQUE RADIO TERMINALS. Spring loaded type.
Four for $5.00 plus shipping.

Antique Resistor 11.65 K-ohms on bakelite board. $2.00

Group of 5 large heatsinks. These are $2.00 each.

ANTIQUE KNIFE SWITCHES - Large and small.
from $3.00 to $12.00 each

Two HORN Speakers. Very good working condition.
Now reduced to only $4.00 each plus shipping.

AIRACO 3715 kHz crystals - never seen any quite like these!
Beautiful white ceramic and chrome construction.
QTY 4 Available for $8.00 each

300 OHM Clip-on Connectors, NEW. $3.00 each.

Set of SHOCK MOUNTS - Brand new. Barry Electronics.
Set of 4 available for $22.00 total, plus shipping.

Old Headset with boom mic.
This is a very nice old headset with cloth cord and adjustable
boom microphone.
All in good shape. Available for $15.00 plus shipping.

AC Power Switch with Circuit Breaker
Rated 7.5 amps at up to 250V AC. DPDT configuration.
QTY 2 available for $2.00 each plus shipping

For pictures and more details see:
http://www.af4k.com/miscpart.htm

# 2698. Human-buttons

Yahoo group: T-368_BC-610
Date: 2006-05-03 23:47:27 UTC
From: Icom_R-5@unhcr.umacr.net
Topic: 2698  Message: 2698

This campaign is about Human beings, Democracy, UNHCR, Refugees, The Iraqis, Islam, Kurds, Human rights, Respect, Money, Donations, Angelina Jolie, Pavarotti, Giorgio Armani, Donors, Peace, History, Campaigns and about you if you care about these words.

Hi there,

I am SAM, an Iraqi refugee living in Lebanon at the moment; I have spent the last 10 years of my life as a refugee registered with the UNHCR in Beirut. The last 4 years, I have spent as an activist for peace and human rights (especially refugees and asylum seekers) on the Internet; I'm also books author and ebooks publisher. I have launched many campaigns to improve our situation as refugees in Lebanon and hopefully bring more understanding to our problems worldwide. I helped make many changes and improvements at the UNHCR office in Beirut; I used the Internet as the field for my activities (you can read more about that in my free ebook 'MY CAMPAIGNS'). All my ebooks are free and could be download from my sites.

This is my newest campaign, it's about the illegal and humiliating actions of the UNHCR, who using photos of refugees as banners and human-buttons to collect money. This is an abuse of the dignity and humanity of the refugees and must stop immediately and a clear public apology present by The United Nations High Commissioner for Refugees. My friends, I am talking about the pictures you can see here:
http://lebanon1.bravehost.com/human-buttons.htm

Also you can read my new campaign 'Urgent, we need smile' here:
http://unhcrlebanon.servetown.com/smile.html

For more info about UNHCR and life of refugees you can read my free ebooks. I invite you as fellow humans and members of the world community to support my campaign by reading my article on my site and see the human-buttons. The campaign is to support and improve the UNHCR http://www.unhcr.org especially after the last scandals in the UN and UNHCR, just for example: http://www.mizzima.com/archives/news-in-2005/news-in-april/12-April05-22.htm

"We make demonstration and fast because the UNHCR office in Cairo did nothing for our problem..." http://news.bbc.co.uk/2/hi/africa/4440730.stm

Together we will build better world.

You could reach me fast via this form: http://499angels.net/unhcrlebanon/email_me.htm
and if you like to know more about me, you can google for my name 'osam altaee'.

Thanks
THE TRUTH WARRIOR
http://unhcrlebanon.501megs.com
http://www.unhcr.us

# 2699. Re: [T-368_BC-610] Human-buttons, got me again! But he's GONE!!

Yahoo group: T-368_BC-610
Date: 2006-05-04 01:51:56 UTC
From: Joe Foley
Topic: 2698  Message: 2699

I thought he looked familiar,.....

--- Icom_R-5@... wrote:

>
> This campaign is about Human beings, Democracy,
> UNHCR, Refugees, The Iraqis, Islam, Kurds, Human
> rights, Respect, Money, Donations, Angelina Jolie,
> Pavarotti, Giorgio Armani, Donors, Peace, History,
> Campaigns and about you if you care about these
> words.
>
> Hi there,
>
> I am SAM, an Iraqi refugee living in Lebanon at the
> moment; I have spent the last 10 years of my life as
> a refugee registered with the UNHCR in Beirut. The
> last 4 years, I have spent as an activist for peace
> and human rights (especially refugees and asylum
> seekers) on the Internet; I'm also books author and
> ebooks publisher. I have launched many campaigns to
> improve our situation as refugees in Lebanon and
> hopefully bring more understanding to our problems
> worldwide. I helped make many changes and
> improvements at the UNHCR office in Beirut; I used
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> photos of refugees as banners and human-buttons to
> collect money. This is an abuse of the dignity and
> humanity of the refugees and must stop immediately
> and a clear public apology present by The United
> Nations High Commissioner for Refugees. My friends,
> I am talking about the pictures you can see here:
> http://lebanon1.bravehost.com/human-buttons.htm
>
> Also you can read my new campaign 'Urgent, we need
> smile' here:
> http://unhcrlebanon.servetown.com/smile.html
>
> For more info about UNHCR and life of refugees you

> can read my free ebooks. I invite you as fellow
> humans and members of the world community to support
> my campaign by reading my article on my site and see
> the human-buttons. The campaign is to support and
> improve the UNHCR http://www.unhcr.org especially
> after the last scandals in the UN and UNHCR, just
> for example:
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http://www.mizzima.com/archives/news-in-2005/news-in-april/12-April05-22.htm
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> "We make demonstration and fast because the UNHCR
> office in Cairo did nothing for our problem..."
> http://news.bbc.co.uk/2/hi/africa/4440730.stm
>
> Together we will build better world.
>
> You could reach me fast via this form:
> http://499angels.net/unhcrlebanon/email_me.htm
> and if you like to know more about me, you can
> google for my name 'osam altaee'.
>
> Thanks
> THE TRUTH WARRIOR
> http://unhcrlebanon.501megs.com
> http://www.unhcr.us
>
>
>

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# 2700. Re: [T-368_BC-610] Human-buttons, got me again! But he's GONE!!

Yahoo group: T-368_BC-610
Date: 2006-05-04 02:36:41 UTC
From: Gene Beckwith
Topic: 2698  Message: 2700

*Joe,

Be still my poor palpatating heart...and oscillating 807 . .

Good grief...another sorry do-gooder looking for a hand out ...?

Gene

"Semper Fi"
*

Joe Foley wrote:

>I thought he looked familiar,.....
>
>
>
>
>--- Icom_R-5@... wrote:
>
>
>
>>This campaign is about Human beings, Democracy,
>>UNHCR, Refugees, The Iraqis, Islam, Kurds, Human
>>rights, Respect, Money, Donations, Angelina Jolie,
>>Pavarotti, Giorgio Armani, Donors, Peace, History,
>>Campaigns and about you if you care about these
>>words.
>>
>>Hi there,
>>
>>I am SAM, an Iraqi refugee living in Lebanon at the
>>moment; I have spent the last 10 years of my life as
>>a refugee registered with the UNHCR in Beirut. The
>>l
>>

[Non-text portions of this message have been removed]

# 2701. RE: [T-368_BC-610] Human-buttons, got me again! But he's GONE!!

Yahoo group: T-368_BC-610
Date: 2006-05-04 02:55:49 UTC
From: Ed Zeranski
Topic: 2698  Message: 2701

>I thought he looked familiar,.....

Yep, and the only picture I had was a sight picture. What caliber........?

# 2702. Re: [T-368_BC-610] Human-buttons, got me again! But he's GONE!!

Yahoo group: T-368_BC-610
Date: 2006-05-04 18:33:16 UTC
From: george portell
Topic: 2698  Message: 2702

hi guys these bozos use stuff in their e mail address
that look`s like it is radio related.i just send it
back un read and mark it as spam,oh i guess they will
try another another way of getting in chat groupes or
webb`s .73`s for now while i tend to my bc-610`s and
t-3.bro geo w8qbg.

--- Joe Foley <redmenaced@...> wrote:

> I thought he looked familiar,.....
>
>
>
>
> --- Icom_R-5@... wrote:
>
> >
> > This campaign is about Human beings, Democracy,
> > UNHCR, Refugees, The Iraqis, Islam, Kurds, Human
> > rights, Respect, Money, Donations, Angelina Jolie,
> > Pavarotti, Giorgio Armani, Donors, Peace, History,
> > Campaigns and about you if you care about these
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> > worldwide. I helped make many changes and
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> > read more about that in my free ebook 'MY

> > CAMPAIGNS'). All my ebooks are free and could be
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> > This is my newest campaign, it's about the illegal
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> > http://lebanon1.bravehost.com/human-buttons.htm
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> > smile' here:
> > http://unhcrlebanon.servetown.com/smile.html
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http://www.mizzima.com/archives/news-in-2005/news-in-april/12-April05-22.htm
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> > http://news.bbc.co.uk/2/hi/africa/4440730.stm
> >
> > Together we will build better world.
> >
> > You could reach me fast via this form:
> > http://499angels.net/unhcrlebanon/email_me.htm
> > and if you like to know more about me, you can
> > google for my name 'osam altaee'.
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> > Thanks
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> >
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> _____
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http://mail.yahoo.com

# 2703. Re: [T-368_BC-610] Human-buttons, got me again! But he's GONE!!

Yahoo group: T-368_BC-610
Date: 2006-05-04 20:46:06 UTC
From: Mark Foltarz
Topic: 2698  Message: 2703

And here I thought 'human buttons' reffered to the START / STOP on the
JB-70....

>
> --- Joe Foley <redmenaced@...> wrote:
>
> > I thought he looked familiar,.....
> >
> >
> >
> >
> > --- Icom_R-5@... wrote:
> >
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> > > This campaign is about Human beings, Democracy,
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> > > For more info about UNHCR and life of refugees you
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> > > Together we will build better world.
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> > > You could reach me fast via this form:
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# 2704. Re: [T-368_BC-610] Human-buttons, got me again! But he's GONE!!

Yahoo group: T-368_BC-610
Date: 2006-05-05 15:19:20 UTC
From: george portell
Topic: 2698  Message: 2704

THAT`S WHAT HE TAUGHT WE WOULD THINK!73`s bro geo
w8qbg.

--- Mark Foltarz <Foltarz@...> wrote:

> And here I thought 'human buttons' reffered to the
> START / STOP on the
> JB-70....
>
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>
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> > --- Joe Foley <redmenaced@...> wrote:
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> > > I thought he looked familiar,.....
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> > > --- Icom_R-5@... wrote:
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> > > > my campaign by reading my article on my site
> and
> > > see
> > > > the human-buttons. The campaign is to support
> and
> > > > improve the UNHCR http://www.unhcr.org
> especially
> > > > after the last scandals in the UN and UNHCR,
> just
> > > > for example:
> > > >
> > >
> >
>
http://www.mizzima.com/archives/news-in-2005/news-in-april/12-April05-22.htm
> > > >
> > > > "We make demonstration and fast because the
> UNHCR
> > > > office in Cairo did nothing for our
> problem..."
> > > > http://news.bbc.co.uk/2/hi/africa/4440730.stm
> > > >
> > > > Together we will build better world.
> > > >
> > > > You could reach me fast via this form:
> > > > http://499angels.net/unhcrlebanon/email_me.htm
> > > > and if you like to know more about me, you
> can
> > > > google for my name 'osam altaee'.
> > > >
> > > > Thanks
> > > > THE TRUTH WARRIOR
> > > > http://unhcrlebanon.501megs.com
> > > > http://www.unhcr.us
> > > >
> > > >
> > > >
> > >
> > >
> > >
> > > _____
> > > Do You Yahoo!?
> > > Tired of spam? Yahoo! Mail has the best spam
> > > protection around
> > > http://mail.yahoo.com
> > >

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> >
> > _____
> > Do You Yahoo!?
> > Tired of spam? Yahoo! Mail has the best spam
> protection around
> > http://mail.yahoo.com
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> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam
> protection around
> http://mail.yahoo.com
>

_____
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

# 2705. FS: Several BA Radios - KNIGHT, PYE, MIDLAND etc.

Yahoo group: T-368_BC-610
Date: 2006-05-13 15:36:24 UTC
From: Brian Carling
Topic: 2705  Message: 2705

FOR SALE:

KNIGHT 50 watt transmitters - need minor work - $95.00 each
(manual included)

KENWOOD PS-510 power supply for TS510 xcvr - $125.00
(A robust power supply for any 800V tube rig)

PYE Cambridge VHF AM transceiver with mic $75.00

REALISTIC DX100 shortwave tabletop radio $35.00

PIANO KEY RADIO - Nice shortwave tabletop set. $15.00

BC610 Tuning Unit - $29.00

MIDLAND 13-867 mobile CB radio - $7.00

Pictures and details at:
http://www.af4k.com/radios.htm

http://www.af4k.com/radios.htm

[Non-text portions of this message have been removed]

# 2706. FS: Box of N CONNECTORS and ADAPTERS

Yahoo group: T-368_BC-610
Date: 2006-05-13 15:24:31 UTC
From: Brian Carling
Topic: 2706  Message: 2706

FOR SALE:
Large BOX OF TYPE N Connectors.
Here is a large box of N Connectors. There must be
many dozens of them in there. Some are new and
some are used. There are T adapters, right angle
adapters, reducers, and a variety of other
connectors and adapters. Many are in the
clear plastic bags. You sort them out. Buy the
whole box and you will have
a plentiful supply for VHF and UHF activities
for years.
Available for $25.00 plus $8.50 shipping.

[Non-text portions of this message have been removed]

# 2707. FS: NEW Reduction Drives

Yahoo group: T-368_BC-610
Date: 2006-05-16 00:59:34 UTC
From: Brian Carling
Topic: 2707  Message: 2707

FOR SALE -

Brand new dial drives for 1/4" shaft. Extra nice brass construction.
These appear to be Jackson Brothers units with a 5:1 or 6:1 tuning
ration.
Two hole mounting for front panel is on 1-1/4" centers.
The brass shaft is 1" long and overall dimensions are:
1-1/2" across the mounting ears. Drive body is 1" diameter.
Accomodates any normal 1/4" shaft on tuning device.
I have several of these available.
Will sell for $13.00 each plus shipping.

PICTURE AND DETAILS AT:
http://www.af4k.com/miscpart.htm

# 2708. 20m AM Activity

Yahoo group: T-368_BC-610
Date: 2006-05-24 11:24:19 UTC
From: Brian Carling
Topic: 2708  Message: 2708

Don't forget to try 14286 kHz every once in a while, guys!!

Here's a good report about QSOs into ZL on 20m AM lately!

= = =

I talked to Bill, W8VYZ on 7290 kHz for over an hour while
I was mobiling out to Dayton.
He is getting on 20M regularly, but most recently he has
been signing on at about 2230 EDT. Apparently the band has been
very good lately and an AM station from New Zealand running 200 watts
has been a regular on frequency and near that time..

Nice to hear about your activity. I'll try to fire up on 20M more
frequently.

Dale
KW1I

# 2709. FS: Some New Crystal Frequencies

Yahoo group: T-368_BC-610
Date: 2006-05-24 10:28:09 UTC
From: Brian Carling
Topic: 2709  Message: 2709

FOR SALE:
Added new frequencies now available in FT243 crystals for the
ham bands:

1915, 1920, 1925, 1940, 1950, 1955, 1977.5 kHz

3505, 3510, 3515, 3520, 3700, 3702 kHz
3703, 3705, 3721, 3790 kHz
3800, 3805, 3810, 3825, 3830, 3837, 3840 kHz

7006.67, 7025, 7047, 7060, 7100, 7110, 7106.667, 7125 kHz
7140, 7159 kHz

14020, 14058 kHz

Many, many more from 1 - 148 Mc. at:
http://www.af4k.com/crystals.htm

# 2710. Re: [T-368_BC-610] FS: Some New Crystal Frequencies

Yahoo group: T-368_BC-610
Date: 2006-05-24 23:15:30 UTC
From: doran platt
Topic: 2709  Message: 2710

I may have mentioned this before, but might you consider a few choice frequencies for rigs that require 2nd harmonic usage (like TCS and 102E radio sets), e.g.: 1942.5 for 3885? Just a suggestion... I could use several.
de K3HVG

Brian Carling wrote:

> FOR SALE:
> Added new frequencies now available in FT243 crystals for the
> ham bands:
>
> 1915, 1920, 1925, 1940, 1950, 1955, 1977.5 kHz
>
> 3505, 3510, 3515, 3520, 3700, 3702 kHz
> 3703, 3705, 3721, 3790 kHz
> 3800, 3805, 3810, 3825, 3830, 3837, 3840 kHz
>
> 7006.67, 7025, 7047, 7060, 7100, 7110, 7106.667, 7125 kHz
> 7140, 7159 kHz
>
> 14020, 14058 kHz
>
> Many, many more from 1 - 148 Mc. at:
> http://www.af4k.com/crystals.htm
>
>
> SPONSORED LINKS
> Two way radio
> <http://groups.yahoo.com/gads?t=ms&k=Two+way+radio&w1=Two+way+radio&w2=Military+surplus&w3=Satellite+radio&w4=Fm+radio+transmitter&w5=Military+surplus+stores&w6=Radio+transmitters&c=6&s=141&.sig=hzckaIcB4Okydmf7DOx2ag>
> Military surplus
> <http://groups.yahoo.com/gads?t=ms&k=Military+surplus&w1=Two+way+radio&w2=Military+surplus&w3=Satellite+radio&w4=Fm+radio+transmitter&w5=Military+surplus+stores&w6=Radio+transmitters&c=6&s=141&.sig=gNR50nLOJ2_TxYdnrE2HpA>
> Satellite radio
> <http://groups.yahoo.com/gads?t=ms&k=Satellite+radio&w1=Two+way+radio&w2=Military+surplus&w3=Satellite+radio&w4=Fm+radio+transmitter&w5=Military+surplus+stores&w6=Radio+transmitters&c=6&s=141&.sig=IhOZYnJV62mCWCASoNdSZw>
>
> Fm radio transmitter
> <http://groups.yahoo.com/gads?t=ms&k=Fm+radio+transmitter&w1=Two+way+radio&w2=Military+surplus&w3=Satellite+radio&w4=Fm+radio+transmitter&w5=Military+surplus+stores&w6=Radio+transmitters&c=6&s=141&.sig=oQ2npTjIyuW67Rn98uhPuw>

> Military surplus stores
> <http://groups.yahoo.com/gads?t=ms&k=Military+surplus+stores&w1=Two+way+radio&w2=Militar
y+surplus&w3=Satellite+radio&w4=Fm+radio+transmitter&w5=Military+surplus+stores&w6=Radio+t
ransmitters&c=6&s=141&.sig=DI4QQaH8cXP8fk9K_0Ha6A>
> Radio transmitters
> <http://groups.yahoo.com/gads?t=ms&k=Radio+transmitters&w1=Two+way+radio&w2=Military+sur
plus&w3=Satellite+radio&w4=Fm+radio+transmitter&w5=Military+surplus+stores&w6=Radio+transm
itters&c=6&s=141&.sig=CWGIUTx0d_hHmUg4DbUzKw>
>
>
>
> ~-->
> YAHOO! GROUPS LINKS
>
> * Visit your group "T-368_BC-610
> <http://groups.yahoo.com/group/T-368_BC-610>" on the web.
>
> * To unsubscribe from this group, send an email to:
> T-368_BC-610-unsubscribe@yahoogroups.com
> <mailto:T-368_BC-610-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
>
>
> ~-->
>

[Non-text portions of this message have been removed]

# 2711. G4GEN's SCR-399 Photos

Yahoo group: T-368_BC-610
Date: 2006-05-27 19:13:19 UTC
From: g3vkm
Topic: 2711  Message: 2711

Hi All,

I visited Alan, G4GEN, today and had a look at his new acquisition, a virtually 100% complete SCR-399 in its shelter, mounted on a 2-1/2 ton truck and complete with the generator and trailer. Alan allowed me to take some photos and asked me to put them up on the web site, pending his getting some professional shots taken in the near future.

At the moment, Alan has the truck in store pending some restoration work and it was not best sited or lit for photography, but I did manage to get a few shots of the interior. Due to the 5mB limit on photo uploads I've only managed to get three pictures onto the Photos page but I think they give some idea of the condition of the equipment. The excellent condition of the radio gear can be seen in the close-up of the BC-312 RX; there is a complete set of cables for all equipment, all the original spares and their cabinets, etc. etc. Alan is missing only a tool box and the Signal Corps typewriter. The interior is superb and it was a great thrill to sit on the operator's seat and give the J-37s a good pounding! The cab is also very good, with the speaking tube installed and only 10000 miles on the clock!

Anyway, I won't steal Alan's thunder; he will no doubt want to let the group know the progress and history of the system when he has the time. The truck is believed to have been involved in the Battle Of the Bulge and was then handed over to the Luxembourg armed forces at the war's end. A set of logs found in the shelter refer to an exercise in 1966, possibly the last time that the equipment was used.

Hope this is of interest!

73,

Roger Basford, G3VKM

# 2712. Re: [T-368_BC-610] G4GEN's SCR-399 Photos

Yahoo group: T-368_BC-610
Date: 2006-05-27 20:34:20 UTC
From: w7qho@aol.com
Topic: 2711  Message: 2712

> http://groups.yahoo.com/group/T-368_BC-610/
>

All,

Great pictures!

Just curious, does anyone know of a comparable 299 and/or 399 on this side of the pond? Back in the early 90's when I was living in MD there was a sighting of a complete 399 supposedly imported by a vehicle collector from "somewhere in Europe." Disappeared before anyone could get a look at it reportedly sold to a "collector on the West Coast..."

Anyone know more?

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2713. Re: [T-368_BC-610] Digest Number 1079

Yahoo group: T-368_BC-610
Date: 2006-05-28 23:18:08 UTC
From: Steve & Jeanne Keith
Topic: 2713  Message: 2713

If the chap with the SCR399 has it on a CCKW deuce, tell him about
www.cckw.org and have him post the pix there too.

If anyone knows of an HO-17 shelter anywhere around the New England
area for sale, please let me know. I would love to build an SCR399 for
my cargo deuce.

I am presently restoring a Chevrolet K51 Panel to its original SCR 299
configuration. I have the receivers and a BC610-E along with the
PE-95 genset and the K52 trailer it mounts in. The motor is in and I am
rebuilding the front end right now. It will drive in and out of the barn
shortly using the front wheel drive so that it can be fully sandblasted
outside. If anyone would like to see pix of it as it is right now, send
email
to cckw@.... Dale Gagnon (don't remember his call) is working
on the BC610. Unit is expected to be operation next year.

Steve Keith AKA Dr Deuce
Pembroke NH USA

----- Original Message -----
From: <T-368_BC-610@yahoogroups.com>
To: <T-368_BC-610@yahoogroups.com>
Sent: Sunday, May 28, 2006 2:41 PM
Subject: [T-368_BC-610] Digest Number 1079

There are 2 messages in this issue.

Topics in this digest:

1. G4GEN's SCR-399 Photos
From: "g3vkm" Roger@...
2. Re: G4GEN's SCR-399 Photos
From: "w7qho@..." w7qho@...

---
---

Message 1
From: "g3vkm" Roger@...
Date: Sat May 27, 2006 0:13pm(PDT)
Subject: G4GEN's SCR-399 Photos

Hi All,

I visited Alan, G4GEN, today and had a look at his new acquisition, a
virtually 100% complete SCR-399 in its shelter, mounted on a 2-1/2 ton
truck and complete with the generator and trailer. Alan allowed me to

take some photos and asked me to put them up on the web site, pending his getting some professional shots taken in the near future.

At the moment, Alan has the truck in store pending some restoration work and it was not best sited or lit for photography, but I did manage to get a few shots of the interior. Due to the 5mB limit on photo uploads I've only managed to get three pictures onto the Photos page but I think they give some idea of the condition of the equipment. The excellent condition of the radio gear can be seen in the close-up of the BC-312 RX; there is a complete set of cables for all equipment, all the original spares and their cabinets, etc. etc. Alan is missing only a tool box and the Signal Corps typewriter. The interior is superb and it was a great thrill to sit on the operator's seat and give the J-37s a good pounding! The cab is also very good, with the speaking tube installed and only 10000 miles on the clock!

Anyway, I won't steal Alan's thunder; he will no doubt want to let the group know the progress and history of the system when he has the time. The truck is believed to have been involved in the Battle Of the Bulge and was then handed over to the Luxembourg armed forces at the war's end. A set of logs found in the shelter refer to an exercise in 1966, possibly the last time that the equipment was used.

Hope this is of interest!

73,

Roger Basford, G3VKM

---

---

Message 2
From: "w7qho@..." w7qho@...
Date: Sat May 27, 2006 1:34pm(PDT)
Subject: Re: G4GEN's SCR-399 Photos

> http://groups.yahoo.com/group/T-368_BC-610/
>

All,

Great pictures!

Just curious, does anyone know of a comparable 299 and/or 399 on this side of
the pond? Back in the early 90's when I was living in MD there was a sighting of a complete 399 supposedly imported by a vehicle collector from "somewhere in Europe." Disappeared before anyone could get a look at it reportedly
sold to a "collector on the West Coast..."

Anyone know more?

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

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Yahoo! Groups Links

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# 2714. Rochester Hamfest! THIS WEEKEND!

Yahoo group: T-368_BC-610
Date: 2006-05-30 02:06:16 UTC
From: redmenaced
Topic: 2714  Message: 2714

I will be there with several big sheets of Glasstic, good for window replacements where you might want to run antenna wires through the basement window or whatever.

I also have several Hexacon 60 watt soldering irons NEW in the original box, hatchet style. Hopefully the tips will be in by then but not sure about that one.

These are part of the remains of Acme Electric in Cuba, NY.

Hmm,... what else should I bring?

Joe

# 2715. FS: NEW CRYSTAL FILTERS 1650 kHz

Yahoo group: T-368_BC-610
Date: 2006-06-01 13:41:29 UTC
From: Brian Carling
Topic: 2715  Message: 2715

FOR SALE:

NEW SSB Crystal Filters. 1650 kHz center
frequency.
I have no technical data on these.
They are brand new and in great shape. Simple
connection with IN, OUT and
SHIELD. Labelled as NETCOM Center Frequency 1650
kHz MDL. 1435.
Will sell for $5.00 each or 5 for $20.00 plus
shipping.

Picture and details at:
http://www.af4k.com/miscpart.htm

# 2716. FS: VERNIER REDUCTION DRIVES

Yahoo group: T-368_BC-610
Date: 2006-06-01 13:53:25 UTC
From: Brian Carling
Topic: 2716  Message: 2716

FOR SALE:

REDUCTION DRIVES by JACKSON BROTHERS.
Brand new dial drives for 1/4" shaft. Extra nice brass construction.
These appear to be Jackson Brothers units with a 5:1 or 6:1 tuning ratio.
These are the same as used in the Heathkit HW-101, some Swan models and
other rigs.
Two hole mounting for front panel is on 1-1/4" centers.
The brass shaft is 1" long and overall dimensions are:
1-1/2" across the mounting ears. Drive body is 1" diameter.
Accomodates any normal 1/4" shaft on tuning device.
Several are available for $13.00 each plus shipping.

Picture and details at:
http://www.af4k.com/miscpart.htm

# 2717. FS: A Batch of 9 cool old CR1A Ham Crystals

Yahoo group: T-368_BC-610
Date: 2006-06-09 23:44:03 UTC
From: Brian Carling
Topic: 2717  Message: 2717

FOR SALE: NINE ham band CR1A etc. crystals

Time to dust off those WW2 rigs and put them on the air.
Or homebrew something. I may even have a socket for these.

These are CR1A crystals with 1/2" [pin spacing, and pin diameter
is slightly larger than an FT243. I may even have a socket
or an adapter for these.

Frequencies:
7017.6, 7038.9, 7270.0, 7270.0, 7280.0, 10125.0 kHz
10141.7, 10208.3 kHz, 24.833 MHz

So, a kind of random mix of 40m and 30m and 12 meter
rocks. Fun for homebrewing.

One has the pins slightly squeezed in but it still works fine...
All are CR1A rocks (8) except for the 7038.9 crystal which
is in a DC35 holder from :Silver Cut Crystal Co." and has
one slightly munged pin. Kind of a mongrel group, so
the price is low, he he...

The first $18.00 plus $6.00 shipping takes them home.
E-mail me if you would like them. 73 - Brian, AF4K

# 2718. FS: Lacing Cord etc.

Yahoo group: T-368_BC-610
Date: 2006-06-11 11:50:21 UTC
From: Brian Carling
Topic: 2718  Message: 2718

For Sale: Homebrew items...

Waxed Lacing Cord - for wiring, cables etc. in electronic
equipment. 250 yard spool for $12.50

10 ohm, 300 Watt NON-INDUCTIVE resistors
QTY 10 available for $10.00 each plus shipping

6.3V at 8.3 AMPS filament transformer.
120V AC primary. New. QTY 4 available $19.00 ea.

BNC cables, BNC to BNC 3 feet, $7.00 each.

Rubber antennas for 430 to 470 MHz and
900 to 930 MHz with BNC or SMA fitting.
Available for $5.00 each plus shipping.

MOTOROLA PLUG extension cable. As used on
AUTOMOBILE RADIO, 6 feet.
Available for $6.50 each plus shipping.

See more at:
http://www.af4k.com/miscpart.htm

73 - Brian, AF4K

# 2719. A-58 Phantom Antenna

Yahoo group: T-368_BC-610
Date: 2006-06-11 16:49:06 UTC
From: g3vkm
Topic: 2719  Message: 2719

Hi All,

Anyone know if this dummy antenna is suitable for use with a BC-610?
My info is that it's an piece of test gear for an ART-13.

73,

Roger/G3VKM

# 2720. Re: [T-368_BC-610] A-58 Phantom Antenna

Yahoo group: T-368_BC-610
Date: 2006-06-11 21:37:39 UTC
From: wa5cab@cs.com
Topic: 2719  Message: 2720

Roger,

It was built for the SCR-193 (BC-191). I don't think I would subject it to a BC-610.

In a message dated 6/11/2006 12:10:14 PM Central Daylight Time, Roger@... writes:

> Hi All,
>
> Anyone know if this dummy antenna is suitable for use with a BC-610?
> My info is that it's an piece of test gear for an ART-13.
>
> 73,
>
> Roger/G3VKM

Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2721. Re: [T-368_BC-610] A-58 Phantom Antenna

Yahoo group: T-368_BC-610
Date: 2006-06-12 00:37:46 UTC
From: george portell
Topic: 2719  Message: 2721

wouldn`t try it unless you like smoke! bro geo w8qbg.

--- wa5cab@... wrote:

> Roger,
>
> It was built for the SCR-193 (BC-191). I don't
> think I would subject it to a
> BC-610.
>
> In a message dated 6/11/2006 12:10:14 PM Central
> Daylight Time,
> Roger@... writes:
> > Hi All,
> >
> > Anyone know if this dummy antenna is suitable for
> use with a BC-610?
> > My info is that it's an piece of test gear for an
> ART-13.
> >
> > 73,
> >
> > Roger/G3VKM
>
> Robert Downs - Houston
> <http://www.wa5cab.com> (Web Store)
> MVPA 9480
> <wa5cab@...> (Primary email)
> <wa5cab@...> (Backup email)
>
>
> [Non-text portions of this message have been
> removed]
>
>

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Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

# 2722. FS: 40m CR1A Crystal

Yahoo group: T-368_BC-610
Date: 2006-06-15 23:11:28 UTC
From: Brian Carling
Topic: 2722  Message: 2722

For sale:

40m CR1A crystal on 7105.55 kHz. Fully tested.
QTY 1 only. This crystal is in good working condition.

Available for $10.00 plus shipping.

E-mail me to arrange purchase.
73 de AF4K, Brian

# 2723. T-368 For Sale

Yahoo group: T-368_BC-610
Date: 2006-06-18 23:46:58 UTC
From: k1jnn
Topic: 1258  Message: 2723

Hi guys, Well the time has come. Looks like we are moving
and not going to be able to do the heavy iron. Most all of you have
heard my T-368 that I purchased from Jeff W0XV about a year ago. It
has full output and has the N9FOY Speech Amp. Sounds great on the air
and works great. Need what I have in it and that is $2500.00
There are some pixs and audio clips on my web site at www.w1pe.com
It off course is a pick up in Mesquite.

I am not leaving Dallas just going to a different qth... Will still be
on AM but with my rice box and amp...

Call me or e mail me...E mail at rwpeters@...t Call me at 972-
288-9911.

Best 73's Bob W1PE

# 2724. FS ; NC-303 + acc.

Yahoo group: T-368_BC-610
Date: 2006-06-19 13:53:17 UTC
From: w5grg
Topic: 2724  Message: 2724

I have a nice NC-303 w/original National speaker, National 2m converter
and original manual all for sale, asking $595.00 for all of it FOB 78013.
The radio is very clean and seems to work ok, but I just purchased it
from an estate and do not have much time in checking it out. From the
top it looks all original including power cord. There is very little if
any hum in the audio.
Pictures in my gallery under the HF receivers ;
http://www.comforttexas.net/w5grg/main.php
Thanks, George W5GRG

# 2725. FS: Pair of CR1A 40m CW Crystals

Yahoo group: T-368_BC-610
Date: 2006-06-20 21:03:56 UTC
From: Brian Carling
Topic: 2725  Message: 2725

FOR SALE:

Two type CR-1A/AR military crystals for 40m CW.
For use with military or homebrew rigs etc.

7010 kHz and 7105.5 kHz
These are working fine and have the thicker pins
spaced 1/2 inch apart and about 1/8" diameter.

Will sell the pair for $15.00 plus $6.00 shipping.

# 2726. New BC-610 photo posted to site

Yahoo group: T-368_BC-610
Date: 2006-06-20 19:48:15 UTC
From: g3vkm
Topic: 2726  Message: 2726

Hi All,

Have posted an amusing photo to the "Photos" area of the web site from a 1949 UK magazine, showing KA1AI of Clarke Field, Manila, carrying out precison repairs to his '610!

73,

Roger/G3VKM

# 2727. Meter repairs????

Yahoo group: T-368_BC-610
Date: 2006-06-28 19:47:18 UTC
From: Bob Richmond
Topic: 2727  Message: 2727

Need some help to clean a "sticking" meter movement....

Does anyone out there perform this type of repair???

Bob
w8mnq the 2nd

[Non-text portions of this message have been removed]

# 2728. Re: [T-368_BC-610] Meter repairs????

Yahoo group: T-368_BC-610
Date: 2006-06-28 20:47:45 UTC
From: Tom Smith
Topic: 2727  Message: 2728

Might be easier/cheaper to replace the meter. I'm sure there are some spare meters out there. Depending on what you need, I may have one myself.

Tom N5AMA

On Wed, 28 Jun 2006 15:47:18 -0400
"Bob Richmond" <w8mnq@...> wrote:
> Need some help to clean a "sticking" meter movement....
>
> Does anyone out there perform this type of repair???
>
> Bob
> w8mnq the 2nd
>
> [Non-text portions of this message have been removed]
>
>
>
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# 2729. Re: [T-368_BC-610] Meter repairs????

Yahoo group: T-368_BC-610
Date: 2006-06-29 15:30:03 UTC
From: Rbethman
Topic: 2727  Message: 2729

Bob,

If you CAN get access to the internals of the meter, "SLIGHTLY", very much so, with a jeweler's screwdriver, loosen the screw that is the bearing on the front of the shaft.

Do this with CAUTION! Better meters use ruby bearings because they are also "self" lubricating. They ARE very delicate.

Try about an eighth of a turn at a time to get it to float loose as is normal. These "older" meters have most likely developed "crud" on their shafts where they are supported by the bearing.

Replace them if this procedure DOESN'T work.

Bob - N0DGN

Bob Richmond wrote:

> Need some help to clean a "sticking" meter movement....
>
> Does anyone out there perform this type of repair???
>
> Bob
> w8mnq the 2nd
>
> [Non-text portions of this message have been removed]
>
> __._,
> .
>
>

--
Bob Bethman - NØDGN
+----------------------------------------------------------------+
| REAL Tube Radio and AM |
+----------------------------------------------------------------+
| Manassas Radio - Home of Homemade Kielbasa & Pirogi |
+-------------------------------+--------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| rbethman(at)comcast.net \\ ~ ~ // signal does *NOT* mean |
| (/ @ @ /) that everything is OK " |
+-------------------------oOOo-(_)-oOOo---------------------------+
| <http://home.comcast.net/~rbethman> |
| <http://home.comcast.net/~rbethman/BC-610.html> |
| BC-61ØI w/BC-614I, T-213/GRC-26 w/BC614I '51 Collins R-390A |

| SP-600/NR Type 159, Heath DX-60, Apache, Mohawk, SX-101, HT-32A |
+-----------------------------------------------------------------+
| Amateur Astronomer - Celestron Nexstar 8 - Megrez 80mm SD II |
| 12" f5 Dob coming soon! Being built |
| 38 Deg 46'48.62"' N - 77 Deg 28'26.89" W |
+-----------------------------------------------------------------+
| Opinions expressed are that of my own and do not necessarily |
| coincide with or represent those of ANYONE else |
+-----------------------------------------------------------------+
| ALL E-mail received and sent scanned by Windows OneCare Live |
+-----------------------------------------------------------------+

[Non-text portions of this message have been removed]

# 2730. Free Items and FS: PLATE TRANSFORMER

Yahoo group: T-368_BC-610
Date: 2006-07-03 16:27:36 UTC
From: Brian Carling
Topic: 2730  Message: 2730

I have several give-away items and a large
plate transformer for sale.

FREE:
Realistic speaker switching box - let's you connect
your stereo, computer or other sound systems to
multiple speakers. Will connect the left and right
channel of stereo amplifier to THREE different sets of
stereo speakers. Free for shipping.

FREE:
Language Lab Communications console.
5 way intercom with switching and speaker built into a
high quality sloping front cabinet. Free for shipping.

FREE:
300 OHM Clip-on Connectors. These are the ones
you use to connect 300 ohm twinlead to antenna
terminals, or to quickly conect any cable to
a dual screw-terminal type connection.
QTY 5 available free for shipping.

PLATE TRANSFORMER:
QRO Plate transformer with 120V AC primary.
Secondary is 2500V CT at 500 mA. Terminals are on a
ceramic plate on top. Dimensions: 8" X 7 " X 10" tall
Quantity 1 only. I need the space, so it is
available for $20.00 plus shipping.

# 2731. Brian Carling

Yahoo group: T-368_BC-610
Date: 2006-07-03 22:29:16 UTC
From: redmenaced
Topic: 2731  Message: 2731

Please confine your posts to T-368's, BC-610's or T-4's or I will boot you. No, I will not verify my messages to you through Spamarrest.com.

Thank you,

Joe, the list owner.

# 2732. T-3 Tubes

Yahoo group: T-368_BC-610
Date: 2006-07-03 23:59:57 UTC
From: k1jnn
Topic: 2732  Message: 2732

Hi all... My T-3 is sold and I am out of the big iron business... Hi.
Only little stuff from now on... I have NOS Tubes F/S.
2 Ea Eimac 4-125 Eimac
2 Ea 4-400...Do not have original boxes
1 Ea Tung sol 6000 in the original box

After seeing what 6000 go for on the bay I think $500
plus shipping is fair... Yell at me. No takers they go to the Bay
HI !!!

Bob W1PE Dallas

# 2733. Re: [T-368_BC-610] T-3 Tubes

Yahoo group: T-368_BC-610
Date: 2006-07-04 00:22:37 UTC
From: w7qho@aol.com
Topic: 2732  Message: 2733

In a message dated 7/3/06 5:02:44 PM, rwpeters@... writes:

> After seeing what 6000 go for on the bay I think $500
> plus shipping is fair...
>

OT nonwithstanding I liked Brian's prices better.....

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2734. for sale in Cleveland - Two Modulator Decks for 610-I

Yahoo group: T-368_BC-610
Date: 2006-08-01 12:16:11 UTC
From: Mark Foltarz
Topic: 2734  Message: 2734

Too heavy too ship. Best picked up in Cleveland Heights, Oh.

Make offer.

de KA4JVY

Mark

---------------------------------------------------
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# 2735. Hens' Teeth on the E place

Yahoo group: T-368_BC-610
Date: 2006-08-02 10:41:44 UTC
From: Mark Foltarz
Topic: 2735  Message: 2735

This is'nt mine

260014568766

Only seen one of these in person. That was at Dayton a few years back.

Looks like it weighs even more than a HT-9!

de KA4JVY

Mark

---------------------------------------------------
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

# 2736. FS BALUN

Yahoo group: T-368_BC-610
Date: 2006-08-14 23:54:02 UTC
From: K0DAN
Topic: 2736  Message: 2736

Sorry if this fails to meet the on-topic requirements for the reflector...

I have for sale a new DXE DXW-BAL600-H10-A 12:1 high power balun.

If interested please contact me direct.

Tnx es 73

Dan
K0DAN
k0dan@...

[Non-text portions of this message have been removed]

# 2737. T-368 Blower Motor

Yahoo group: T-368_BC-610
Date: 2006-08-15 12:40:49 UTC
From: ziolkowskirobert
Topic: 2737  Message: 2737

I have a T-368 Back Panel mounted Blower Motor listed on my eBay store and a T-368 E with spare parts including a TN-339 Antenna Coupler with the RTTY Modulator MD-233A for Local Pickup.

# 2738. BC-610 Coils on EBay

Yahoo group: T-368_BC-610
Date: 2006-08-27 17:52:46 UTC
From: neil277@juno.com
Topic: 2738  Message: 2738

I saw these earlier today. Someone may need one or more of these.

On EBay 4 each
BC-610 Radio Transmitter Coils
Item number: 290022703256
(different Freq ranges)

Neil, N4SI

# 2739. WTD: BC 610E shockmount

Yahoo group: T-368_BC-610
Date: 2006-08-31 15:50:51 UTC
From: Thekan, Paul
Topic: 2739  Message: 2739

Looking for the shock mount for the BC 610E. Any help or leads to one appreciated.

Tnx

Paul

N6FEG

[Non-text portions of this message have been removed]

# 2740. Re: [T-368_BC-610] WTD: BC 610E shockmount

Yahoo group: T-368_BC-610
Date: 2006-08-31 22:00:35 UTC
From: ELDIM
Topic: 2739  Message: 2740

Hello Paul and Fello BA'ers,
Would like any pictures stock numbers, part numbers, or dimensions, and Load Weight of each shock if available so I can search my stock. Also, I have some steel channel and some steel "L" forms that have shock mounts on them. However, I have no time to lay them out for pictures if that is what you would like.
73,
Glen Galati
eldim@...
----- Original Message -----
From: Thekan, Paul
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, August 31, 2006 8:50 AM
Subject: [T-368_BC-610] WTD: BC 610E shockmount

Looking for the shock mount for the BC 610E. Any help or leads to one appreciated.

Tnx

Paul

N6FEG

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 2741. Picture on the homepage!

Yahoo group: T-368_BC-610
Date: 2006-09-11 01:10:50 UTC
From: redmenaced
Topic: 2741  Message: 2741

It's wonderful!

Joe

# 2742. BC-610

Yahoo group: T-368_BC-610
Date: 2006-09-12 20:43:21 UTC
From: Rick Brashear
Topic: 507  Message: 2742

Where is the best point to get 115 vac for an antenna relay on the
BC-610-E? Mine came with a relay hooked up, but it hums due to a
constant voltage going through the coil and sometimes doesn't release good.

Thanks,
Rick/K5IZ

# 2743. T-368

Yahoo group: T-368_BC-610
Date: 2006-09-21 01:57:11 UTC
From: n1wlc
Topic: 69  Message: 2743

I am in need of a couple of incandescent lamps 6 watts 110-120 volts screw in bulbs, used in the T-368. I have searched the net and I was unable to locate. Does anyone have a source? It would be appreciated.

# 2744. JB-70-A on UK eBay

Yahoo group: T-368_BC-610
Date: 2006-09-25 18:52:57 UTC
From: g3vkm
Topic: 2744  Message: 2744

Hi All,

I've just put a JB-70-A on eBay, item number: 120035851498

73,

Roger Basford/G3VKM

# 2745. Re: [T-368_BC-610] T-368

Yahoo group: T-368_BC-610
Date: 2006-09-28 13:03:30 UTC
From: Mark Foltarz
Topic: 69  Message: 2745

I am assuming you mean the panel lamps.

If the bulbs in question are similar to the ones use in the BC610 then
Home Depot sells them at something like $5 for 2.

And of course you can't find them on their web page.

de KA4JVY

Mark

--- n1wlc <n1wlc@...> wrote:

> I am in need of a couple of incandescent lamps 6 watts 110-120 volts
> screw in bulbs, used in the T-368. I have searched the net and I was
> unable to locate. Does anyone have a source? It would be appreciated.
>
>
>
>

_____
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# 2746. wtb bc-610

Yahoo group: T-368_BC-610
Date: 2006-10-15 02:15:37 UTC
From: n8lka
Topic: 2746  Message: 2746

Iam looking to buy a bc-610 that is complete an working.Ok the thing is I would like to find one not to far from north west Ohio.I live in Van Wert Ohio 45891

# 2747. Re: wtb bc-610

Yahoo group: T-368_BC-610
Date: 2006-10-15 15:26:56 UTC
From: tropicwind@aol.com
Topic: 2746  Message: 2747

Hello Group!

I would like to offer for sale a very good Antenna tuner which I believe matches or was used with the T-368. The tuner is a BC 939 B. It looks as if it would match just about any kind of antenna and it it appears to be able to handle lots of power.

It is in very good condition but would benefit from a new spray coat of military grey paint.

$ 150.00 and buyer pays actual shipping cost. I am located in Seattle.

Jay W7PJS

[Non-text portions of this message have been removed]

# 2748. Re: [T-368_BC-610] Re: wtb bc-610

Yahoo group: T-368_BC-610
Date: 2006-10-15 16:21:04 UTC
From: Rbethman
Topic: 2746  Message: 2748

The BC-939B is, (was), built specifically for the BC-610 - NOT - the T-368

Bob - N0DGN

tropicwind@... wrote:
>
> Hello Group!
>
> I would like to offer for sale a very good Antenna tuner which I believe
> matches or was used with the T-368. The tuner is a BC 939 B. It looks
> as if it
> would match just about any kind of antenna and it it appears to be
> able to
> handle lots of power.
>
> It is in very good condition but would benefit from a new spray coat of
> military grey paint.
>
> $ 150.00 and buyer pays actual shipping cost. I am located in Seattle.
>
> Jay W7PJS
>
> [Non-text portions of this message have been removed]
>
> __

--
Bob Bethman - NØDGN
+----------------------------------------------------------------------+
| REAL Tube Radio and AM |
+----------------------------------------------------------------------+
| Manassas Radio - Home of Homemade Kielbasa & Pirogi |
+------------------------------+---------------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| rbethman(at)comcast.net \\ ~ ~ // signal does *NOT* mean |
| (/ @ @ /) that everything is OK " |
+-------------------------oOOo-(_)-oOOo----------------------------+
| <http://home.comcast.net/~rbethman> |
| <http://home.comcast.net/~rbethman/BC-610.html> |
| BC-610I w/BC-614I, T-213/GRC-26 w/BC614I '51 Collins R-390A |
| SP-600/NR Type 159, Heath DX-60, Apache, Mohawk, SX-101, HT-32A |
+----------------------------------------------------------------------+
| Amateur Astronomer - Celestron Nexstar 8 - Megrez 80mm SD II |
| 12" f5 Dob coming soon! Being built |
| 38 Deg 46'48.62"' N - 77 Deg 28'26.89" W |
+----------------------------------------------------------------------+

| Opinions expressed are that of my own and do not necessarily |
| coincide with or represent those of ANYONE else |
+--------------------------------------------------------------+
| ALL E-mail received and sent scanned by Windows OneCare Live |
+--------------------------------------------------------------+

[Non-text portions of this message have been removed]

# 2749. RE: [T-368_BC-610] Re: wtb bc-610

Yahoo group: T-368_BC-610
Date: 2006-10-15 17:02:12 UTC
From: WF2U
Topic: 2746  Message: 2749

Bob,

The BC-939B was relabeled TN-339 and issued with the T-368.

Jay, (the seller below) FYI , it's not built to match just any antenna. It was designed and used to match either a long wire or the standard military 15 ft whip antenna which was mounted on the communications shelter, thus the T-368 could be used while the truck is in motion. It won't work with a dipole.

73, Meir WF2U
Landrum, SC

> -----Original Message-----
> From: T-368_BC-610@yahoogroups.com
> [mailto:T-368_BC-610@yahoogroups.com]On Behalf Of Rbethman
> Sent: Sunday, October 15, 2006 12:21 PM
> To: T-368_BC-610@yahoogroups.com
> Cc: tropicwind@...
> Subject: Re: [T-368_BC-610] Re: wtb bc-610
>
>
> The BC-939B is, (was), built specifically for the BC-610 - NOT - the T-368
>
> Bob - N0DGN
>
> tropicwind@... wrote:
> >
> > Hello Group!
> >
> > I would like to offer for sale a very good Antenna tuner which I believe
> > matches or was used with the T-368. The tuner is a BC 939 B. It looks
> > as if it
> > would match just about any kind of antenna and it it appears to be
> > able to
> > handle lots of power.
> >
> > It is in very good condition but would benefit from a new spray coat of
> > military grey paint.
> >
> > $ 150.00 and buyer pays actual shipping cost. I am located in Seattle.
> >
> > Jay W7PJS
> >
> > [Non-text portions of this message have been removed]
> >

> > __
>
> --
>

# 2750. Re: [T-368_BC-610] Re: wtb bc-610

Yahoo group: T-368_BC-610
Date: 2006-10-15 18:26:03 UTC
From: w7qho@aol.com
Topic: 2746  Message: 2750

In a message dated 10/15/06 10:04:50 AM, wf2u@... writes:

> Jay, (the seller below) FYI , it's not built to match just any antenna. It
> was designed and used to match either a long wire or the standard military
> 15 ft whip antenna ......
>

Won't generally match a "long wire" either, i.e., an antenna multiple wavelengths long, as the term is understood by hams and as defined and described in various antenna handbooks. The Military apparently meant "long" as opposed to a 15 ft whip and provided only 100 ft of wire for this purpose with the SCR-399/499 (TM 11-281, March 1945).

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2751. Re: [T-368_BC-610] Re: wtb bc-610

Yahoo group: T-368_BC-610
Date: 2006-10-15 18:33:29 UTC
From: Rbethman
Topic: 2746  Message: 2751

The BC-939B specifically uses EITHER a 44 ft OR a 77 ft "long" wire
according to the tables provided in the manual.

Also MAY require the fixed Vac Caps for it, depending on freq. covered
and configuration.

Bob - N0DGN

w7qho@... wrote:
>
>
> In a message dated 10/15/06 10:04:50 AM, wf2u@...
> <mailto:wf2u%40starband.net> writes:
>
> > Jay, (the seller below) FYI , it's not built to match just any
> antenna. It
> > was designed and used to match either a long wire or the standard
> military
> > 15 ft whip antenna ......
> >
>
> Won't generally match a "long wire" either, i.e., an antenna multiple
> wavelengths long, as the term is understood by hams and as defined and
> described in
> various antenna handbooks. The Military apparently meant "long" as
> opposed to
> a 15 ft whip and provided only 100 ft of wire for this purpose with the
> SCR-399/499 (TM 11-281, March 1945).
>
> Dennis D. W7QHO
> Glendale, CA
>
> [Non-text portions of this message have been removed]
>
>

--
Bob Bethman - N?DGN
+-----------------------------------------------------------------+
| REAL Tube Radio and AM |
+-----------------------------------------------------------------+
| Manassas Radio - Home of Homemade Kielbasa & Pirogi |
+-------------------------------+---------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| rbethman(at)comcast.net \\ ~ ~ // signal does *NOT* mean |
| (/ @ @ /) that everything is OK " |

```
+-------------------------oOOo-(_)-oOOo----------------------------+
| <http://home.comcast.net/~rbethman> |
| <http://home.comcast.net/~rbethman/BC-610.html> |
| BC-61?I w/BC-614I, T-213/GRC-26 w/BC614I '51 Collins R-390A |
| SP-600/NR Type 159, Heath DX-60, Apache, Mohawk, SX-101, HT-32A |
+---------------------------------------------------------------+
| Amateur Astronomer - Celestron Nexstar 8 - Megrez 80mm SD II |
| 12" f5 Dob coming soon! Being built |
| 38 Deg 46'48.62"' N - 77 Deg 28'26.89" W |
+---------------------------------------------------------------+
| Opinions expressed are that of my own and do not necessarily |
| coincide with or represent those of ANYONE else |
+---------------------------------------------------------------+
| ALL E-mail received and sent scanned by Windows OneCare Live |
+---------------------------------------------------------------+
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# 2752. TN-339

Yahoo group: T-368_BC-610
Date: 2006-10-15 23:19:29 UTC
From: redmenaced
Topic: 2752  Message: 2752

http://ph.groups.yahoo.com/group/T-368_BC-610/photos/view/9a4d?b=3

http://ph.groups.yahoo.com/group/T-368_BC-610/photos/view/9a4d?b=4

http://ph.groups.yahoo.com/group/T-368_BC-610/photos/view/9a4d?b=5

http://ph.groups.yahoo.com/group/T-368_BC-610/photos/view/9a4d?b=11

# 2753. BC-939 Meter

Yahoo group: T-368_BC-610
Date: 2006-10-16 14:31:57 UTC
From: g3vkm
Topic: 2753  Message: 2753

Hi All,

With the present discussion about the BC-939 this might be a good moment for me to say that I'm still looking for a 0-15A RF meter for my 939.

73,

Roger Basford/G3VKM - Norfolk, England.

# 2754. BC-610E

Yahoo group: T-368_BC-610
Date: 2006-10-16 19:54:27 UTC
From: Norman & Barbara Ray
Topic: 2754  Message: 2754

One of the greatest thrills in life is the owning and restoration of a BC-610E. The time has come to let someone else enjoy the thrill of owning one. I have restored and am have been operating a BC-610E and would like to move it to someone who can give it the attention it deserves and could pick it up in the Seattle area. We can discuss a price with interested parties. It includes the basic transmitter which is in its original configuration except I converted the power supply to Unitrode solid state rectifiers but have the tube socket assemblies to return it to its original state if desired. I am a believer in maintaining these jewels as they were intended. It includes:
BC-614E Speech Amplifier, BC-739A Antenna tuner, AT-2 Antenna Coupler (earlier unit which has some modifications, Home made antenna tuner to accommodate doublet antennas and harmonic reduction, Several manuals, large number of NOS as well as tested good replacement tubes. Vacuum Capacitors, 12 coils, 16 tuning units, LN-13 VFO unit with power supply and a Heathkit VF-1 VFO.

Obviously I am not interested in shipping this "National Treasure" .

Norm

normray@...

[Non-text portions of this message have been removed]

# 2755. GPT-750 and most of a GPT-1K pickup only in Cleveland, Ohio

Yahoo group: T-368_BC-610
Date: 2006-10-18 18:54:53 UTC
From: Mark Foltarz
Topic: 2755  Message: 2755

Fellas, too much of a good thing is sometimes too much.

I am moving to Florida and I am trimming back on duplicates.

The GPT 750 came from a good home in Toronto.

This one needs the VFO to be out in to be original. I will supply a TMC VOX ( the VFO ) that you can put in the RF deck. There is no modulator.

I will supply an additional power transformer also. The manual is supplied via PDF.

This can be moved by one person in a mini van. I did it.

I have another 750 ready to go on the air. I just don't need a second one.

Asking $500

The GPT 1K consists of everything except the wattmeter unit and the power supply unit for the exciter. Power transmformer for amplifier missing. I will supply a suitable equivalent from a BC610F.
The orignal rack is included.
Also can be moved in a minivan.

Asking $875

picture will be posted to AMfone soon.

73
de KA4JVY
Mark

_____
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# 2756. Wilcox-Gay transmitters

Yahoo group: T-368_BC-610
Date: 2006-10-21 16:10:47 UTC
From: Bill Harris
Topic: 2756  Message: 2756

Would like to touch base with anyone who is knowledgeable of the transmitter line manufactured by Wilcox-Gay, of St.Louis, MO; back in the 40's till the 60's??? Their equipment was used by the military in fixed HF transmitter sites.

Cheers

BillHarris

# 2757. Re: [T-368_BC-610] Wilcox-Gay transmitters

Yahoo group: T-368_BC-610
Date: 2006-10-21 22:58:24 UTC
From: eldim@att.net
Topic: 2756 Message: 2757

Hello Bill Harrill & Crew,
The ONLY WILCOX Transmitter that I had ever seen was at KEESLER AFB, BOLOXI, Mississippi in early 1962 while attend HF SETS. This was the WILCOX 99C which was considered to be a light radio Transmitter, thus was assigned to Air Force Ground Radio 304X2 Repairman for maintenance and support. I only made an adjustment to the Bias or HV, and had no other experience, plus never encountered it in the field during my 22+ years in the Air Force.
73,
Glen Galati, KA7BOJ
Tacoma, WA
eldim@...

---------- Original message from "Bill Harris" <w7kxb@...>: ----------

Would like to touch base with anyone who is knowledgeable of the
transmitter line manufactured by Wilcox-Gay, of St.Louis, MO; back in
the 40's till the 60's??? Their equipment was used by the military in
fixed HF transmitter sites.

Cheers

BillHarris

[Non-text portions of this message have been removed]

# 2758. WTB: BC-610-E Relay Cover

Yahoo group: T-368_BC-610
Date: 2006-11-18 12:12:48 UTC
From: g3vkm
Topic: 2758  Message: 2758

Hi All,

I'm looking for the relay cover that fits over RY2 & RY5 on the HV chassis of my '610-E. Anyone have one in their junkbox?

73,

Roger - G3VKM, Norfolk, England.

# 2759. Re: [T-368_BC-610] WTB: BC-610-E Relay Cover

Yahoo group: T-368_BC-610
Date: 2006-11-18 15:23:08 UTC
From: george portell
Topic: 2758  Message: 2759

mine was missing on one of my bc-610`s ,made one out
of pc-board ,painted it black whala! look`s like the
real thing and function`s the same..bro geo w8qbg.
--- g3vkm <Roger@...> wrote:

> Hi All,
>
> I'm looking for the relay cover that fits over RY2 &
> RY5 on the HV
> chassis of my '610-E. Anyone have one in their
> junkbox?
>
> 73,
>
> Roger - G3VKM, Norfolk, England.
>
>
>

---
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# 2760. 5933 clamp tube

Yahoo group: T-368_BC-610
Date: 2006-11-21 23:44:19 UTC
From: n8lka
Topic: 2760  Message: 2760

I went to a hamfest a few days ago and purchased some tubes for my dx100. I bought a nos 5933/807w,I put it in the t3 and left it on for about 20 min. When I keyed it up it only ran about 75 watts of power. The 4-400a tube went bad. Could this be because of a bad 5933 tube? 73 Gary ps The t3 ran full legal limit before I put the 5933 in.

# 2761. vacuum cap for BC 610

Yahoo group: T-368_BC-610
Date: 2006-11-22 18:59:55 UTC
From: John King
Topic: 2761  Message: 2761

Can someone tell me what the value of the fixed value
vacuum cap is that goes in the tank circuit for 160
meters? Thanks and 73, John, K5PGW

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# 2762. Re: [T-368_BC-610] vacuum cap for BC 610

Yahoo group: T-368_BC-610
Date: 2006-11-24 15:11:38 UTC
From: James M. Walker
Topic: 2761  Message: 2762

Page 43 of TM-826 BC-610 manual says there are 4 caps.
2 100 uuF, and 2 55 uuF, included in the 160 meter conversion kit.
Jim
WB2FCN
http://eshop1.chem.buffalo.edu

----- Original Message -----
From: John King
To: T-368_BC-610@yahoogroups.com
Sent: Wednesday, November 22, 2006 1:59 PM
Subject: [T-368_BC-610] vacuum cap for BC 610

Can someone tell me what the value of the fixed value
vacuum cap is that goes in the tank circuit for 160
meters? Thanks and 73, John, K5PGW

_____
Sponsored Link

Online degrees - find the right program to advance your career.
www.nextag.com

[Non-text portions of this message have been removed]

# 2763. BC-939 Tuner

Yahoo group: T-368_BC-610
Date: 2006-11-24 15:20:29 UTC
From: W5OMR/Geoff
Topic: 2763  Message: 2763

Hey, gang. Hope everyone had a good Thanksgiving.

Personally, I'm thankful for the veterans who lay their lives on the
line to insure our freedom.

That being said, a friend of mine, W1JD in Maryland, is looking for the
schematic diagram for the BC-939 tuner that goes with the BC-610.

His message to me stated:

~~~~~~~~~~~~
> You have a BC610, do you have the tuner that goes with it, the BC939?
> If you do, to you have the manual that goes with it?

<...I replied...>

There is a yahoo group that you can look at
http://groups.yahoo.com/group/T-368_BC-610/

If you join, they could probably tell you something about it.
~~~~~~~~~~~~

I don't know if he's joined, so I'll ask. Anyone have a manual?

--
Driving your AM Rig without a scope,
is like driving your car at night, without headlights. (K4KYV)

--
73 = Best Regards,
-Geoff/W5OMR

# 2764. Re: [T-368_BC-610] vacuum cap for BC 610

Yahoo group: T-368_BC-610
Date: 2006-11-24 16:06:26 UTC
From: wa5cab@cs.com
Topic: 2761  Message: 2764

Actually that's the 1.0-2.0 MC kit. The fixed vacuum capacitor (C-28) supplied with the SCR-399/499 and AN/GRC-26 is 50 uuF/20 KV except later production was 55 uuF. The two fixed vacuum capacitors supplied with the BC-939-(*) and TN-339/GR are 12 uuF or 15 UUF and 50 uuF or 55 uuF. But you have to be careful not to mix these with the one(s) for the transmitter. The ones used in the tuner are only rated 12 KV but are (depending upon who made them) visually identical to the 20 KV units.

In a message dated 11/24/2006 9:10:50 AM Central Standard Time, chejmw@... writes:
> Page 43 of TM-826 BC-610 manual says there are 4 caps.
> 2 100 uuF, and 2 55 uuF, included in the 160 meter conversion kit.
> Jim
> WB2FCN
> http://eshop1.chem.buffalo.edu

Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2765. Re: [T-368_BC-610] BC-939 Tuner

Yahoo group: T-368_BC-610
Date: 2006-11-24 16:21:26 UTC
From: Rbethman
Topic: 2763  Message: 2765

The BC-939 "manual" is in the BC-610 manual.

Bob N0dgn

W5OMR/Geoff wrote:
>
> Hey, gang. Hope everyone had a good Thanksgiving.
>
> Personally, I'm thankful for the veterans who lay their lives on the
> line to insure our freedom.
>
> That being said, a friend of mine, W1JD in Maryland, is looking for the
> schematic diagram for the BC-939 tuner that goes with the BC-610.
>
> His message to me stated:
>
> ~~~~~~~~~~~~
> > You have a BC610, do you have the tuner that goes with it, the BC939?
> > If you do, to you have the manual that goes with it?
>
> <...I replied...>
>
>
>

Bob Bethman - N?DGN
+-----------------------------------------------------------------+
| REAL Tube Radio and AM |
+-----------------------------------------------------------------+
| Manassas Radio - Home of Homemade Kielbasa & Pirogi |
+-------------------------------+---------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| rbethman(at)comcast.net \\ ~ ~ // signal does *NOT* mean |
| (/ @ @ /) that everything is OK " |
+-------------------------oOOo-(_)-oOOo----------------------------+
| <http://home.comcast.net/~rbethman> |
| <http://home.comcast.net/~rbethman/BC-610.html> |
| BC-61?I w/BC-614I, T-213/GRC-26 w/BC614I '51 Collins R-390A |
| SP-600/NR Type 159, Heath DX-60, Apache, Mohawk, SX-101, HT-32A |
+-----------------------------------------------------------------+
| Amateur Astronomer - Celestron Nexstar 8 - Megrez 80mm SD II |
| 12" f5 Dob coming soon! Being built |
| 38 Deg 46'48.62"' N - 77 Deg 28'26.89" W |
+-----------------------------------------------------------------+
| Opinions expressed are that of my own and do not necessarily |
| coincide with or represent those of ANYONE else |

```
+----------------------------------------------------------------+
| ALL E-mail received and sent scanned by Windows OneCare Live |
+----------------------------------------------------------------+
```

# 2766. Re: [T-368_BC-610] vacuum cap for BC 610

Yahoo group: T-368_BC-610
Date: 2006-11-25 16:02:04 UTC
From: James M. Walker
Topic: 2761  Message: 2766

Ah,
1.0 to 2.0 Mc kit covers 160 meters, Sir! He asked for the info
on the 160 meter conversion.
73
Jim
WB2FCN
http://eshop1.chem.buffalo.edu

----- Original Message -----
From: WA5CAB@...
To: chejmw@... ; T-368_BC-610@yahoogroups.com ; k5pgw@...
Sent: Friday, November 24, 2006 11:06 AM
Subject: Re: [T-368_BC-610] vacuum cap for BC 610

Actually that's the 1.0-2.0 MC kit. The fixed vacuum capacitor (C-28) supplied with the SCR-399/499 and AN/GRC-26 is 50 uuF/20 KV except later production was 55 uuF. The two fixed vacuum capacitors supplied with the BC-939-(*) and TN-339/GR are 12 uuF or 15 UUF and 50 uuF or 55 uuF. But you have to be careful not to mix these with the one(s) for the transmitter. The ones used in the tuner are only rated 12 KV but are (depending upon who made them) visually identical to the 20 KV units.

In a message dated 11/24/2006 9:10:50 AM Central Standard Time, chejmw@... writes:

Page 43 of TM-826 BC-610 manual says there are 4 caps.
2 100 uuF, and 2 55 uuF, included in the 160 meter conversion kit.
Jim
WB2FCN
http://eshop1.chem.buffalo.edu

Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2767. Re: [T-368_BC-610] BC-939 Tuner

Yahoo group: T-368_BC-610
Date: 2006-11-25 18:43:39 UTC
From: Rbethman
Topic: 2763  Message: 2767

Indeed, MY message WAS - ON LIST.

Bob N0DGN

W5OMR/Geoff wrote:
> Rbethman wrote:
>>
>> The BC-939 "manual" is in the BC-610 manual.
>>
>
>
>>
>> Thanks, to all that replied, and I especially appreciate the time and
>> effort someone went through to scan schematic. It is -deeply-
>> appreciated
>
> I just wish that it would have all been don -on-list-.
>
>
> Thanks, again.
>

--
Bob Bethman - N?DGN
+-----------------------------------------------------------------+
| REAL Tube Radio and AM |
+-----------------------------------------------------------------+
| Manassas Radio - Home of Homemade Kielbasa & Pirogi |
+-------------------------------+---------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| rbethman(at)comcast.net \\ ~ ~ // signal does *NOT* mean |
| (/ @ @ /) that everything is OK " |
+-------------------------oOOo-(_)-oOOo----------------------------+
| <http://home.comcast.net/~rbethman> |
| <http://home.comcast.net/~rbethman/BC-610.html> |
| BC-61?I w/BC-614I, T-213/GRC-26 w/BC614I '51 Collins R-390A |
| SP-600/NR Type 159, Heath DX-60, Apache, Mohawk, SX-101, HT-32A |
+-----------------------------------------------------------------+
| Amateur Astronomer - Celestron Nexstar 8 - Megrez 80mm SD II |
| 12" f5 Dob coming soon! Being built |
| 38 Deg 46'48.62"' N - 77 Deg 28'26.89" W |
+-----------------------------------------------------------------+
| Opinions expressed are that of my own and do not necessarily |
| coincide with or represent those of ANYONE else |
+-----------------------------------------------------------------+
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# 2768. BC-610 Series E - I w BC-939 TM on my site

Yahoo group: T-368_BC-610
Date: 2006-11-25 19:38:48 UTC
From: Rbethman
Topic: 2768  Message: 2768

Located at:

http://home.comcast.net/~rbethman/TM11826.pdf

Also at BAMA under military/BC610.

WARNING! 29 MB in size!

Bob - N0DGN

--
Bob Bethman - N?DGN
+----------------------------------------------------------------+
| REAL Tube Radio and AM |
+----------------------------------------------------------------+
| Manassas Radio - Home of Homemade Kielbasa & Pirogi |
+-------------------------------+--------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
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+-------------------------oOOo-(_)-oOOo---------------------------+
| <http://home.comcast.net/~rbethman> |
| <http://home.comcast.net/~rbethman/BC-610.html> |
| BC-61?I w/BC-614I, T-213/GRC-26 w/BC614I '51 Collins R-390A |
| SP-600/NR Type 159, Heath DX-60, Apache, Mohawk, SX-101, HT-32A |
+----------------------------------------------------------------+
| Amateur Astronomer - Celestron Nexstar 8 - Megrez 80mm SD II |
| 12" f5 Dob coming soon! Being built |
| 38 Deg 46'48.62"' N - 77 Deg 28'26.89" W |
+----------------------------------------------------------------+
| Opinions expressed are that of my own and do not necessarily |
| coincide with or represent those of ANYONE else |
+----------------------------------------------------------------+
| ALL E-mail received and sent scanned by Windows OneCare Live |
+----------------------------------------------------------------+

# 2769. Re: [T-368_BC-610] BC-610 Series E - I w BC-939 TM on my site

Yahoo group: T-368_BC-610
Date: 2006-11-25 20:42:35 UTC
From: Rbethman
Topic: 2768  Message: 2769

All,

I've encountered a "technical glitch". I haven't figured it out YET.

I uploaded it, but NOW I can't find it!

Going to keep at it UNTIL it is resolved!

Bob - N0DGN
> Bob,
>
> I have three of the originals but sometimes it's convenient to be able
> to look something up quickly without crawling into the attic. But
> when I followed the link, Comcast reported that there was nothing
> there. I deleted from "TM" to the end and got your homepage. But
> when I clicked the TM link on that page, I got the same error.
>
> In a message dated 11/25/2006 1:56:23 PM Central Standard Time,
> rbethman@... writes:
>> Located at:
>>
>> http://home.comcast.net/~rbethman/TM11826.pdf
>>
>>
>> WARNING! 29 MB in size!

# 2770. Control boxes anyone?

Yahoo group: T-368_BC-610
Date: 2006-11-26 04:49:10 UTC
From: Tom Norris
Topic: 2770  Message: 2770

Does anyone have an "extra" C-1123 control box just lying around that they'd be willing to sell very cheaply to a poor poor pitiful impoverished ham? (ok, not so pitiful...) This is the box that goes between the T-368 and the R-390 (or 390A) to make a more "proper" hookup between the two. It's not an essential thing, but the thought popped into my head while looking though the GRC-36D manual so thought I'd ask around.

Tnx and 73

Tom NU4G

# 2771. Re: [T-368_BC-610] BC-939 Tuner

Yahoo group: T-368_BC-610
Date: 2006-11-26 07:10:01 UTC
From: K0DAN
Topic: 2763  Message: 2771

If anyone wants the schematic only (it's a small file) let me know and I'll email it to you. If the requests become too numerous, I may ask for a repository in which to place the file.

73

Dan
K0DAN
----- Original Message -----
From: Rbethman
To: W5OMR/Geoff ; BC-610 RELECTOR
Sent: Saturday, November 25, 2006 12:43 PM
Subject: Re: [T-368_BC-610] BC-939 Tuner

Indeed, MY message WAS - ON LIST.

Bob N0DGN

W5OMR/Geoff wrote:
> Rbethman wrote:
>>
>> The BC-939 "manual" is in the BC-610 manual.
>>
>
>
>>
>> Thanks, to all that replied, and I especially appreciate the time and
>> effort someone went through to scan schematic. It is -deeply-
>> appreciated
>
> I just wish that it would have all been don -on-list-.
>
>
> Thanks, again.
>

--
Bob Bethman - NØDGN
+-----------------------------------------------------------+
| REAL Tube Radio and AM |
+-----------------------------------------------------------+
| Manassas Radio - Home of Homemade Kielbasa & Pirogi |
+-------------------------------+---------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| rbethman(at)comcast.net \\ ~ ~ // signal does *NOT* mean |
| (/ @ @ /) that everything is OK " |

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+-------------------------oOOo-(_)-oOOo----------------------------+
| <http://home.comcast.net/~rbethman> |
| <http://home.comcast.net/~rbethman/BC-610.html> |
| BC-61ØI w/BC-614I, T-213/GRC-26 w/BC614I '51 Collins R-390A |
| SP-600/NR Type 159, Heath DX-60, Apache, Mohawk, SX-101, HT-32A |
+-----------------------------------------------------------+
| Amateur Astronomer - Celestron Nexstar 8 - Megrez 80mm SD II |
| 12" f5 Dob coming soon! Being built |
| 38 Deg 46'48.62"' N - 77 Deg 28'26.89" W |
+-----------------------------------------------------------+
| Opinions expressed are that of my own and do not necessarily |
| coincide with or represent those of ANYONE else |
+-----------------------------------------------------------+
| ALL E-mail received and sent scanned by Windows OneCare Live |
+-----------------------------------------------------------+
```

[Non-text portions of this message have been removed]

# 2772. Re: [T-368_BC-610] BC-939 Tuner

Yahoo group: T-368_BC-610
Date: 2006-11-26 07:41:20 UTC
From: w7qho@aol.com
Topic: 2763  Message: 2772

In a message dated 11/25/06 11:33:01 PM, k0dan@... writes:

> If anyone wants the schematic only (it's a small file) let me know and I'll
> email it to you. If the requests become too numerous, I may ask for a
> repository in which to place the file.
>

Not that much circuitry in the thing. Should take only a few minutes to
reverse engineer if one has an example.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2773. Re: [T-368_BC-610] Control boxes anyone?

Yahoo group: T-368_BC-610
Date: 2006-11-26 07:49:42 UTC
From: eldim@att.net
Topic: 2770  Message: 2773

Hello Tom & Crew,
What is the TM for the GRC-36D? Could this be a TYPO,
and should read GRC-26D?
That number for the Control Interface seems familiar, but I can't visualize it at the moment.
I don't have a manual immediately available. Do you have a picture that you could post?

73,
Glen Galati, KA7BOJ
Tacoma, WA
eldim@...

--------------- Original message from Tom Norris <r390a@...>: ---------------

Does anyone have an "extra" C-1123 control box just lying around that
they'd be willing to sell very cheaply to a poor poor pitiful
impoverished ham? (ok, not so pitiful...) This is the box that goes
between the T-368 and the R-390 (or 390A) to make a more "proper"
hookup between the two. It's not an essential thing, but the thought
popped into my head while looking though the GRC-36D manual so
thought I'd ask around.

Tnx and 73

Tom NU4G

[Non-text portions of this message have been removed]

# 2774. RE: [T-368_BC-610] Control boxes anyone?

Yahoo group: T-368_BC-610
Date: 2006-11-26 15:41:43 UTC
From: WF2U
Topic: 2770  Message: 2774

Tom,

I got mine from Fair Radio - They must still have some. I don't think it was
a high volume sales item...

73, Meir WF2U
Landrum, SC

> -----Original Message-----
> From: T-368_BC-610@yahoogroups.com
> [mailto:T-368_BC-610@yahoogroups.com]On Behalf Of Tom Norris
> Sent: Saturday, November 25, 2006 11:49 PM
> To: T-368_BC-610@yahoogroups.com
> Subject: [T-368_BC-610] Control boxes anyone?
>
>
> Does anyone have an "extra" C-1123 control box just lying around that
> they'd be willing to sell very cheaply to a poor poor pitiful
> impoverished ham? (ok, not so pitiful...) This is the box that goes
> between the T-368 and the R-390 (or 390A) to make a more "proper"
> hookup between the two. It's not an essential thing, but the thought
> popped into my head while looking though the GRC-36D manual so
> thought I'd ask around.
>
> Tnx and 73
>
> Tom NU4G
>
>

# 2775. Re: [T-368_BC-610] Control boxes anyone?

Yahoo group: T-368_BC-610
Date: 2006-11-26 18:27:43 UTC
From: Joe Foley
Topic: 2770  Message: 2775

There are pictures of it on the homepage for this
list.

Joe

--- eldim@... wrote:

> Hello Tom & Crew,
> What is the TM for the GRC-36D? Could this be a
> TYPO,
> and should read GRC-26D?
> That number for the Control Interface seems
> familiar, but I can't visualize it at the moment.
> I don't have a manual immediately available. Do you
> have a picture that you could post?
>
> 73,
> Glen Galati, KA7BOJ
> Tacoma, WA
> eldim@...
>
> -------------- Original message from Tom Norris
> <r390a@...>: --------------
>
> Does anyone have an "extra" C-1123 control box just
> lying around that
> they'd be willing to sell very cheaply to a poor
> poor pitiful
> impoverished ham? (ok, not so pitiful...) This is
> the box that goes
> between the T-368 and the R-390 (or 390A) to make a
> more "proper"
> hookup between the two. It's not an essential thing,
> but the thought
> popped into my head while looking though the GRC-36D
> manual so
> thought I'd ask around.
>
> Tnx and 73
>
> Tom NU4G
>
>
>
> [Non-text portions of this message have been
> removed]

>
>

---

Do you Yahoo!?
Everyone is raving about the all-new Yahoo! Mail beta.
http://new.mail.yahoo.com

# 2776. Re: TM11826.pdf Problems

Yahoo group: T-368_BC-610
Date: 2006-11-26 17:50:36 UTC
From: Rbethman
Topic: 2776  Message: 2776

Yes!

Problems with MY ISP!

Can't keep it on the server. Trying to figure it out!

Put message out stating this.

Bob - N0DGN

J D Delancy wrote:
> Bob
>
> I was attempting to view the TM11826 file ocated at:
>
> http://home.comcast.net/~rbethman/TM11826.pdf
> <http://home.comcast.net/%7Erbethman/TM11826.pdf>
>
> I keep getting "Page URL Not Found!!
>
>
> The requested page does not exist on this server. The URL you typed or
> followed is either outdated or inaccurate"
>
>
>
> Something change ?
>
> jd W1JD
>
>
>

--
Bob Bethman - N?DGN
+-----------------------------------------------------------------+
| REAL Tube Radio and AM |
+-----------------------------------------------------------------+
| Manassas Radio - Home of Homemade Kielbasa & Pirogi |
+-------------------------------+---------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| rbethman(at)comcast.net \\ ~ ~ // signal does *NOT* mean |
| (/ @ @ /) that everything is OK " |
+-------------------------oOOo-(_)-oOOo--------------------------+
| <http://home.comcast.net/~rbethman> |
| <http://home.comcast.net/~rbethman/BC-610.html> |

```
| BC-61?I w/BC-614I, T-213/GRC-26 w/BC614I '51 Collins R-390A |
| SP-600/NR Type 159, Heath DX-60, Apache, Mohawk, SX-101, HT-32A |
+-----------------------------------------------------------------+
| Amateur Astronomer - Celestron Nexstar 8 - Megrez 80mm SD II |
| 12" f5 Dob coming soon! Being built |
| 38 Deg 46'48.62"' N - 77 Deg 28'26.89" W |
+-----------------------------------------------------------------+
| Opinions expressed are that of my own and do not necessarily |
| coincide with or represent those of ANYONE else |
+-----------------------------------------------------------------+
| ALL E-mail received and sent scanned by Windows OneCare Live |
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# 2777. Re: [T-368_BC-610] Control boxes anyone?

Yahoo group: T-368_BC-610
Date: 2006-11-26 19:31:43 UTC
From: Tom Norris
Topic: 2770  Message: 2777

Yep, it's a typo. Clumsy fingers and all that. GRC-26D it should be.
I thought I had a manual nearby, but I can't lay my hands on it.

Tom

On Nov 26, 2006, at 1:49 AM, eldim@... wrote:

> Hello Tom & Crew,
>
> What is the TM for the GRC-36D? Could this be a TYPO,
>
> and should read GRC-26D?
>
> That number for the Control Interface seems familiar, but I can't
> visualize it at the moment.
>
> I don't have a manual immediately available. Do you have a picture
> that you could post?
>
>
> 73,
>
> Glen Galati, KA7BOJ
>
> Tacoma, WA
>
> eldim@...
>
> -------------- Original message from Tom Norris
> <r390a@...>: --------------
>
> Does anyone have an "extra" C-1123 control box just lying around that
> they'd be willing to sell very cheaply to a poor poor pitiful
> impoverished ham? (ok, not so pitiful...) This is the box that goes
> between the T-368 and the R-390 (or 390A) to make a more "proper"
> hookup between the two. It's not an essential thing, but the thought
> popped into my head while looking though the GRC-36D manual so
> thought I'd ask around.
>
> Tnx and 73
>
> Tom NU4G
>
>
>

[Non-text portions of this message have been removed]

# 2778. Re: [T-368_BC-610] Control boxes anyone?

Yahoo group: T-368_BC-610
Date: 2006-11-27 13:17:18 UTC
From: James M. Walker
Topic: 2770  Message: 2778

Picture enclosed, I have others as well, including the modified
version.

Jim
WB2FCN

----- Original Message -----
From: eldim@...
To: Tom Norris ; T-368_BC-610@yahoogroups.com
Sent: Sunday, November 26, 2006 2:49 AM
Subject: Re: [T-368_BC-610] Control boxes anyone?

Hello Tom & Crew,
What is the TM for the GRC-36D? Could this be a TYPO,
and should read GRC-26D?
That number for the Control Interface seems familiar, but I can't visualize it at the
moment.
I don't have a manual immediately available. Do you have a picture that you could post?

73,
Glen Galati, KA7BOJ
Tacoma, WA
eldim@...

-------------- Original message from Tom Norris <r390a@...>: --------------

Does anyone have an "extra" C-1123 control box just lying around that
they'd be willing to sell very cheaply to a poor poor pitiful
impoverished ham? (ok, not so pitiful...) This is the box that goes
between the T-368 and the R-390 (or 390A) to make a more "proper"
hookup between the two. It's not an essential thing, but the thought
popped into my head while looking though the GRC-36D manual so
thought I'd ask around.

Tnx and 73

Tom NU4G

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 2779. Whom is the group moderator?

Yahoo group: T-368_BC-610
Date: 2006-11-28 20:06:43 UTC
From: Rbethman
Topic: 2779  Message: 2779

To Mr. Moderator,

There is at LEAST one or more folks that are awaiting approval to be on the T-368_BC-610 Yahoo Group!

Any chance of "catching up"?

I've had a couple of DIRECT E-mails! They came from folks on "other" lists NOT serviced by Yahoo.

Thanks in advance

Bob - N0DGN

# 2780. Yup, that's me!

Yahoo group: T-368_BC-610
Date: 2006-11-28 22:17:32 UTC
From: redmenaced
Topic: 2780  Message: 2780

To Mr. Moderator,

There is at LEAST one or more folks that are awaiting approval to be on the T-368_BC-610 Yahoo Group!

Any chance of "catching up"?

I've had a couple of DIRECT E-mails! They came from folks on "other" lists NOT serviced by Yahoo.

Thanks in advance

Bob - N0DGN

+++++++++
Mr. Bethman,

Hi.

I'm the list owner/moderator.

There was ONE person wanting to be signed onto the list yesterday, he was, in fact, signed onto the list yesterday. He was the ONLY one wanting to be signed up in several weeks, but you wouldn't know that would you?

Do let me know if you have any other concerns regarding running this list in the future, I will be more than happy to address them in a timely manner.

Thank you,

Joe KG2CI

# 2781. fan motors

Yahoo group: T-368_BC-610
Date: 2006-11-29 13:43:02 UTC
From: bruce
Topic: 2781  Message: 2781

I was wondering where I could get bearing for the T-3 fan motors
I understand they are not that hard to install

# 2782. Re: [T-368_BC-610] fan motors

Yahoo group: T-368_BC-610
Date: 2006-11-29 19:16:20 UTC
From: george portell
Topic: 2781  Message: 2782

i removed the two bearings then called a local bearing
store from the yellow pages ,spent abour ten buck`s
came home and installed same.bro geo w8qbg.gud luc!
--- bruce <ww5k@...> wrote:

> I was wondering where I could get bearing for the
> T-3 fan motors
> I understand they are not that hard to install
>
>

_____
Want to start your own business?
Learn how on Yahoo! Small Business.
http://smallbusiness.yahoo.com/r-index

# 2783. New pictures!

Yahoo group: T-368_BC-610
Date: 2006-12-01 01:30:12 UTC
From: redmenaced
Topic: 2783  Message: 2783

http://groups.yahoo.com/group/T-368_BC-610/spnew?

What is that on the top left?

To answer a recent question: YES, having a new T-368 is a good reason
to join the list!

Welcome to it!

Joe

# 2784. Comments Please! Just Got Me A T-368... & some tech Q's

Yahoo group: T-368_BC-610
Date: 2006-12-01 03:48:43 UTC
From: bearlabsusa
Topic: 2784  Message: 2784

Hi,

Thought I'd introduce myself... I'm "bear" WB2GCR, near Catskill and Albany NY... Just stumbled into a T-368. I'll skip the story, and direct you to http://www.amfone.net under Technical and the thread is "Canadian Marconi?" (some pix are there too) - since the guy who was selling it found that name on some sort of stubby antenna thing that came with the T-368 and thought that was what it was, whereas the plate on the RF deck is MIA/AWOL.

Well, it is/was mostly there. Missing the Plate Loading cap! Oddly stuck in its place is a (gack!) 70 Amp fuse!! Dunno.

I plan on taking the B+ off the Pi-L network. So, after only a week of casting about looking for a suitable vacuum variable cap I found a nice 5kv 1500pf one, that should fit with ample room and not cost too much! Which is good.

So, do you think the 5kv/100Amp rating of this cap will do the trick, given the fact that the DC is off the tuning network??

And, what was the ORIGINAL cap's rating??

Anyone have the Mil parts list document??

The plate on the exciter says: "BAND SLLECTOR"

I managed to get the icky grey paint off that, with Lacquer thinner, revealing nice lighter grey paint under... any idea what the nicer paint is, or what to use to get close to that??

The repaint job had bad masking... razor marks in the finish around the engraved labels... geez...

Oh, the Filament meter has some sort of varnish like substance inside the plastic face - I've removed the face, but it is unsalvagable. The movement is ok. Looks like it is from some glue or rubber compound inside the meter case!! I can fab a new one, but that's a fair amount of work for a stupid meter face, given that they are not just flat glass (actually this one is plastic). These are the sealed meters, with metal bezels. Any ideas?

The PS chassis appears to be an early version, since (thankfully) it has the dual primaries.

It looks like it was "redone" at least once, since it has the big white mica cap in the RF section, mounted on phenolic, like the manual shows for the later versions.

Also it has a paper tag hanging on the RF deck that shows service in 1980 (!!) by RADALAB, Inc...

Any thoughts on a possible way to figure out the mfr and/or date? Was the front panel plate the only place it was labeled??

This unit looks like a ham owned it before it passed to me, since it had masking tape labels that said "DIP" and "PEAK" over the plate and loading dials... probably and old-timer, since the second set was much BIGGER than the first set that I found underneath...

73s

_-_-WBear2GCR

# 2785. Re: [Boatanchors] WANTED SX-99 pwr xfmr

Yahoo group: T-368_BC-610
Date: 2006-12-02 23:04:37 UTC
From: Rbethman
Topic: 2785  Message: 2785

Glenn, et al,

A substitute would probably work.

I do not have ANY current ratings for the voltages.

Manual simply says 75W.

Primary 110-125VAC
Sec:
330VAC to 5Y3GT
Center tapped to GND
5VAC for 5Y3GT
6VAC for 5 - 6 Volt filament tubes - 6H6, 6SG7(2), 6SA7, 6SC7,
6K6GT, & 6SK7
* Assuming 200, 240, and other voltages done by voltage divider in
circuit.

Bob - N0DGN

# 2786. Re:WANTED SX-99 pwr xfmr

Yahoo group: T-368_BC-610
Date: 2006-12-02 23:11:06 UTC
From: Rbethman
Topic: 2786  Message: 2786

Glenn, et al,

A substitute would probably work.

I do not have ANY current ratings for the voltages.

Manual simply says 75W.

Primary 110-125VAC
Sec:
330VAC to 5Y3GT
Center tapped to GND
5VAC for 5Y3GT
6VAC for 5 - 6 Volt filament tubes - 6H6, 6SG7(2), 6SA7, 6SC7,
6K6GT, & 6SK7
* Assuming 200, 240, and other voltages done by voltage divider in
circuit.

Bob - N0DGN

# 2787. T-368 Filament Voltage

Yahoo group: T-368_BC-610
Date: 2006-12-03 00:03:15 UTC
From: kf0hr
Topic: 2787  Message: 2787

Hello all,

My T-3 fiament voltage has went to 6 volts and don't change with the Filament Voltage R-18??? Looking at the schematic it should and used to chage to 5 volts? What could be bleading over to buy pass the R-18 reostate settings? Anyone had this problem before?

Thanks for the help

Terry KFØHR in North Dakota

# 2788. Re: [T-368_BC-610] T-368 Filament Voltage

Yahoo group: T-368_BC-610
Date: 2006-12-03 00:29:39 UTC
From: Joe Foley
Topic: 2787  Message: 2788

Check the condition of your Fil Pot, maybe it has a
problem physically or electrically. Either the wiper
may have gotten too wide or a winding has shorted one
to the next. These have a lot of heat on them when
running, mine came with a big burn-out on it.

Joe

--- kf0hr <twhermanson@...> wrote:

> Hello all,
>
> My T-3 fiament voltage has went to 6 volts and don't
> change with the
> Filament Voltage R-18??? Looking at the schematic
> it should and used
> to chage to 5 volts? What could be bleading over to
> buy pass the R-18
> reostate settings? Anyone had this problem before?
>
> Thanks for the help
>
> Terry KF?HR in North Dakota
>
>
>

---------------------------------------------------------------------------
Cheap talk?
Check out Yahoo! Messenger's low PC-to-Phone call rates.
http://voice.yahoo.com

# 2789. T-368 Filament Voltage

Yahoo group: T-368_BC-610
Date: 2006-12-03 17:35:12 UTC
From: kf0hr
Topic: 2787  Message: 2789

I found the problem with my T-3. Last summer I removed the blower power from the T-3 to run the blowers on a variac to have less blower noise. So -20 below temp this morning it was time to check out the Filament voltage. Changed to blowers back to the T-3 power and now my Filament voltage is working like it should. Must be a loading with the blowers in line. I sure would like to have less blower noise in the shack HI HI. Any ideas on how to get around this blower noise?
Thanks Teran KF0HR in North Dakota

# 2790. Re: [T-368_BC-610] T-368 Filament Voltage

Yahoo group: T-368_BC-610
Date: 2006-12-03 18:21:50 UTC
From: george portell
Topic: 2787  Message: 2790

if your blower is making that much noise and loading
the line down that it effects your fil volts ,this may
be the blowers voice telling you to replace it`s
bearings.bro geo w8qbg.
--- kf0hr <twhermanson@...> wrote:

> I found the problem with my T-3. Last summer I
> removed the blower
> power from the T-3 to run the blowers on a variac to
> have less blower
> noise. So -20 below temp this morning it was time to
> check out the
> Filament voltage. Changed to blowers back to the T-3
> power and now my
> Filament voltage is working like it should. Must be
> a loading with the
> blowers in line. I sure would like to have less
> blower noise in the
> shack HI HI. Any ideas on how to get around this
> blower noise?
> Thanks Teran KF0HR in North Dakota
>
>

---------------------------------------------------------------------------------
Do you Yahoo!?
Everyone is raving about the all-new Yahoo! Mail beta.
http://new.mail.yahoo.com

# 2791. Re: [T-368_BC-610] T-368 Filament Voltage

Yahoo group: T-368_BC-610
Date: 2006-12-03 18:57:36 UTC
From: w7qho@aol.com
Topic: 2787  Message: 2791

Teran,

First, don't slow down the blower on the PA chassis. Air flow around the 4-400 is very important.

On the big cabinet squirrel-cage blower's noise level, you can merely disconnect this unless you're running for really extend periods of time or are operating in a very warm environment. The latter shouldn't be a problem in North Dakota!

Or, just remove the back cabinet panel entirely and run the rig that way. Covering the back with a piece of heavy screen or metal mesh would be a good idea. You'll have to wire around the back cabinet interlock assembly if you do this.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2792. Re: [T-368_BC-610] T-368 Filament Voltage

Yahoo group: T-368_BC-610
Date: 2006-12-03 19:39:41 UTC
From: James M. Walker
Topic: 2787  Message: 2792

Well,
The rhheostat used for that has a replace-able wiper contact,
could be worn down, it is a "brush element" easily replaced.
if the rheostat itself is busted, Ohm-meter check across the outside
terminals will tell that. Check the wire lead that goes to the wiper
also sometimes they break. If you find that the rheostat is bad, send
me and email I will try to pull one out of storage for you. Also available
online but very expensive.
Jim
WB2FCN
http://eshop1.chem.buffalo.edu

----- Original Message -----
From: kf0hr
To: T-368_BC-610@yahoogroups.com
Sent: Saturday, December 02, 2006 7:03 PM
Subject: [T-368_BC-610] T-368 Filament Voltage

Hello all,

My T-3 fiament voltage has went to 6 volts and don't change with the
Filament Voltage R-18??? Looking at the schematic it should and used
to chage to 5 volts? What could be bleading over to buy pass the R-18
reostate settings? Anyone had this problem before?

Thanks for the help

Terry KFØHR in North Dakota

[Non-text portions of this message have been removed]

# 2793. Re: [T-368_BC-610] T-368 Filament Voltage

Yahoo group: T-368_BC-610
Date: 2006-12-04 00:14:14 UTC
From: Joe Foley
Topic: 2787  Message: 2793

Hmm,...

I'm having a hard time believing that the blowers are loading the line down enough to show on the filament circuit.

Have you checked all the neutral connections in the line that feeds your transmitter circuit, from your service panel all the way to the outlet? Is this transmitter the only thing on that circuit? It really should be a 30 amp circuit dedocated only to the transmitter, otherwise you risk having a voltage drop when you transmit.

Also, how far is it to the transformer on the pole in that feeds your house?

One way to reduce blower noise is to enlarge the hole in the back panel to 4+" and add a "turning vane" inside the 90 degree fitting between the panel and the blower inlet. You'd be amazed how effective that is.

Or you could just put a muffin fan in the hole in the back panel.

JOe

North Dakota? Just how far "out" are you? Do you have a good solid 120+ volts in your house?

--- kf0hr <twhermanson@...> wrote:

> I found the problem with my T-3. Last summer I
> removed the blower
> power from the T-3 to run the blowers on a variac to
> have less blower
> noise. So -20 below temp this morning it was time to
> check out the
> Filament voltage. Changed to blowers back to the T-3
> power and now my
> Filament voltage is working like it should. Must be
> a loading with the
> blowers in line. I sure would like to have less
> blower noise in the
> shack HI HI. Any ideas on how to get around this
> blower noise?
> Thanks Teran KF0HR in North Dakota

>
>

---------------------------------------------------------------------------
Need a quick answer? Get one in minutes from people who know.
Ask your question on www.Answers.yahoo.com

# 2794. Stripping Panels & Paint Choice?

Yahoo group: T-368_BC-610
Date: 2006-12-04 04:26:08 UTC
From: bearlabsusa
Topic: 2794  Message: 2794

Wonder what the opinions might be on stripping the paint from the main panels?
What to use? Or not?

Then what about repainting?

Paint choices?
Colors? (yeah, grey but there is gray and then there is grey...)

My unit seems to have been repainted in a darkish, dull gray over a lighter, nicer gray.
I'd like to duplicate or come close to the nicer grey. Looks sort of akin to what Henry used, and what TMC used... modest gloss, nice color.
Any sources, ideas?

_-_-WBear2GCR

[Non-text portions of this message have been removed]

# 2795. Re: [T-368_BC-610] T-368 Filament Voltage

Yahoo group: T-368_BC-610
Date: 2006-12-04 07:17:13 UTC
From: w7qho@aol.com
Topic: 2787  Message: 2795

In a message dated 12/3/06 4:29:56 PM, redmenaced@... writes:

> I'm having a hard time believing that the blowers are
> loading the line down enough to show on the filament
> circuit.
>

Teran,

Were you previously running both the cabinet AND THE PA BLOWERS off a variac?
If so, this could explain the high filament voltage you were seeing. The
PA blower is fed off the circuit controlled by the FILAMENT rheostat R18.
Removing the fan motor from this circuit would reduce the current through the
rheostat thus raising the filament voltage. Reconnecting it would return the
filament voltage to it's original design range.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2796. Re: [T-368_BC-610] T-368 Filament Voltage

Yahoo group: T-368_BC-610
Date: 2006-12-04 11:21:15 UTC
From: D Platt
Topic: 2787  Message: 2796

If I may make a comment, when I first commissioned my T-368A, I noticed that the filament rheostat really heated up the area around it and that B+ was several hundreds of volts high. After probing I discovered that if I ran the T-3 on 115 volts (via a 20 amp Variac), and no more, all the voltages and metered values came into book "spec". The fil pot is now set to about 75% of the full travel. The heat generated by this pot is minimal and the tx power out is running about 400 watts.. I believe that T-3's like to be run on 115 volts, and no more..... de K3HVG

Joe Foley wrote:

> Check the condition of your Fil Pot, maybe it has a
> problem physically or electrically. Either the wiper
> may have gotten too wide or a winding has shorted one
> to the next. These have a lot of heat on them when
> running, mine came with a big burn-out on it.
>
> Joe
>
> --- kf0hr <twhermanson@stellarnet.com
> <mailto:twhermanson%40stellarnet.com>> wrote:
>
> > Hello all,
> >
> > My T-3 fiament voltage has went to 6 volts and don't
> > change with the
> > Filament Voltage R-18??? Looking at the schematic
> > it should and used
> > to chage to 5 volts? What could be bleading over to
> > buy pass the R-18
> > reostate settings? Anyone had this problem before?
> >
> > Thanks for the help
> >
> > Terry KFØHR in North Dakota
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[Non-text portions of this message have been removed]

# 2797. T-368 Filament Voltage

Yahoo group: T-368_BC-610
Date: 2006-12-04 13:18:13 UTC
From: kf0hr
Topic: 2787  Message: 2797

Hi to all the T-3 help,

Dennis,

You are correct on the blowers. I unhooked both from the T-3 and powered them both on a variac. Worked great....could hear the receiver. Then I looked at the Filament voltage and it was 6.2 and R-18 didn't change it? So put the blowers back on the T-3 and all works as it should. Running the blowers at 70% sure made a big change on noise. If the tubes will last 10 years with full blower and 7 years with reduced. I can live with that. I just need to load the blower line with a large resistor and that will make more heat. Anyway all is back to normal including the fan noise.Buy the way I do run the T-3 at 115 volts with a variac.

Thanks,
Teran KFØHR in North Dakota

# 2798. Re: [T-368_BC-610] T-368 Filament Voltage

Yahoo group: T-368_BC-610
Date: 2006-12-04 14:37:15 UTC
From: Gene Beckwith
Topic: 2787  Message: 2798

*Gents,

Reading all comments to the reflector with interest and filing many for future ref...

My T-3s are operated from dedicated 120 vac line breakered at the box at 30 amps...with intermediate fuse block at 20 amps with dedicated disconnect....then, on to a whopping big GE variac salvaged from a friend's garage and set at 115 volts....with AC line voltage monitor....

I see some line voltage variation....regulation is poor from the poll, ranging frm abt 117 volts to 122 volts on some weekends ...

Panel temperature around the fill pot is moderately warm over a days idling/operation....

It has been discussed many time that rigs of this vintage were designed for a nominal 115 vac - - the subject has been treated extensively on the old R390X reflector, with several techniques advised for reducing voltage at the power supply so the rig would operate closer to 115 vac. much was data presented confirming extended tube life and cooler running at design operating voltages..

Bottom line: seems like a good idea, if you can come up with the controls, to get the T-3 close to 115 vac...

73, and sorry not to have more time for comments....

Gene

W8KXR

*

D Platt wrote:

> If I may make a comment, when I first commissioned my T-368A, I noticed
> that the filament rheostat really heated up the area around it and that
> B+ was several hundreds of volts high. After probing I discovered that
> if I ran the T-3 on 115 volts (via a 20 amp Variac), and no more, all
> the voltages and metered values came into book "spec". The fil pot is
> now set to about 75% of the full travel. The heat generated by this pot
> is minimal and the tx power out is running about 400 watts.. I believe
> that T-3's like to be run on 115 volts, and no more..... de K3HVG
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> Joe Foley wrote:
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> > Check the condition of your Fil Pot, maybe it has a

> > problem physically or electrically. Either the wiper
> > may have gotten too wide or a winding has shorted one
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> > running, mine came with a big burn-out on it.
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> > Joe
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> > --- kf0hr <twhermanson@...
> <mailto:twhermanson%40stellarnet.com>
> > <mailto:twhermanson%40stellarnet.com>> wrote:
> >
> > > Hello all,
> > >
> > > My T-3 fiament voltage has went to 6 volts and don't
> > > change with the
> > > Filament Voltage R-18??? Looking at the schematic
> > > it should and used
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> > > Thanks for the help
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> > > Terry KFØHR in North Dakota
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> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

# 2799. Re: [T-368_BC-610] T-368 Filament Voltage

Yahoo group: T-368_BC-610
Date: 2006-12-04 18:41:39 UTC
From: w7qho@aol.com
Topic: 2787  Message: 2799

Teran,

From your comments not sure you understand there are TWO separate blower circuits in the T-368. The blower on the PA chassis is connected to the "filament" circuit which, in turn, is controlled by R-18, the FILAMENT control on the front panel of the modulator deck. Not a good idea to reduce the speed of this blower which isn't that loud in any case. The other blower, the large, noisy unit mounted on the back panel is connected across the incoming primary power line. As I mentioned in a previous e-mail, this blower can be disconnected completely in normal ham use without serious consequences. Or for extended use, hot environment, etc. you can run with the back off which is what I do.

In the matter of T-368 line voltage, the rig was designed to operate in field environments where the primary power voltages could vary significantly which is the reason for the inclusion of the FILAMENT rheostat. I've run my pair of T-3's on 120-122 volt line voltages for years with no problems. Yes, R-18 does heat up the front panel but the rig was designed to run 24/7 that way. I've also operated these rigs in portable situations where the input voltage varied 120 to 110 vac key up/down with no problems. I guess holding the line voltage to exactly 115 vac is OK, but not worth the investment in a large variac, tapped line xformer or whatever to do so.

Dennis D. W7QHO
Glendale, CA

******
Original message dated 12/4/06 5:27:48 AM, twhermanson@... writes:

> You are correct on the blowers. I unhooked both from the T-3 and
> powered them both on a variac. Worked great....could hear the
> receiver. Then I looked at the Filament voltage and it was 6.2 and R-
> 18 didn't change it? So put the blowers back on the T-3 and all works
> as it should. Running the blowers at 70% sure made a big change on
> noise. If the tubes will last 10 years with full blower and 7 years
> with reduced. I can live with that. I just need to load the blower
> line with a large resistor and that will make more heat. Anyway all is
> back to normal including the fan noise.Buy the way I do run the T-3 at
> 115 volts with a variac.
>

[Non-text portions of this message have been removed]

# 2800. Re: [Boatanchors] A moment, a day, a passing of a generation

Yahoo group: T-368_BC-610
Date: 2006-12-07 15:08:45 UTC
From: Mark Richards
Topic: 2800  Message: 2800

Since the off-topic stuff begins again, clogs up members mailboxes with non-T-368, non-boatanchors, non-glowbugs, and non-amateur-radio topics, plus gets posted to multiple lists which is considered in mailing list protocol totally bad manners...

WØQFC wrote:
>>let us NEVER forget and STAY ALERT

Current US administration: Yawn. Snore. ZZZZZzzzz. 9/11.... G'night folks.

Yes, we all know pearl harbor happened and how stellar our glorious leader is present day. Why not post your remembrances to soc.history.war.world-war-ii, alt.history, or if you want to blame this on Clinton like most do, try alt.current-events.clinton.whitewater

Just not here.

/m

# 2801. Re: [Boatanchors] A moment, a day, a passing of a generation

Yahoo group: T-368_BC-610
Date: 2006-12-07 15:24:13 UTC
From: Todd, KA1KAQ
Topic: 2800  Message: 2801

On 12/7/06, Mark Richards <mark.richards@...> wrote:
> Since the off-topic stuff begins again, clogs up members mailboxes with
> non-T-368, non-boatanchors, non-glowbugs, and non-amateur-radio topics,
> plus gets posted to multiple lists which is considered in mailing list
> protocol totally bad manners...

Considering that most of us are loyal Americans, it's hardly off topic
or rude. Maybe you need to look at your own post and protocol,
comrade. You could always unsubscribe if you don't like it. Oh, wait -
your socialist views don't allow for any accountability or
responsibility on your part. I forgot (briefly).

> WØQFC wrote:
> >>let us NEVER forget and STAY ALERT
>
> Current US administration: Yawn. Snore. ZZZZZzzzz. 9/11.... G'night
> folks.

Still an idiot after all this time, Mark. No surprise there,
considering your many previous trolling expeditions on these lists.
Never anything of conent that I can remember. Only disrespect for
those who provided you the opportunity breathe.

I bet Fidel has a place for you in Cooba. You could where your Che
T-shirt and fit right in. Better hurry, it's no doubt a limited time
offer...

~ Todd, KA1KAQ

# 2802. RE: [T-368_BC-610] Re: [Boatanchors] A moment, a day, a passing of a generation

Yahoo group: T-368_BC-610
Date: 2006-12-08 00:04:50 UTC
From: John Page
Topic: 2800  Message: 2802

Obviously a left wing Kerry and Jane Fonda loving liberal

John Page K4KWM
Hollow State since 1953
(ex W8PKU,N8BLB,NA8O)

>From: Mark Richards <mark.richards@...>
>Reply-To: mark.richards@...
>CC: t 368 <T-368_BC-610@yahoogroups.com>,
>amradio@...,boatanchors@...,
>FLBOATANCHORS@yahoogroups.com,GlowBugs <glowbugs@...>
>Subject: [T-368_BC-610] Re: [Boatanchors] A moment, a day, a passing of a
>generation
>Date: Thu, 07 Dec 2006 10:08:45 -0500
>
>Since the off-topic stuff begins again, clogs up members mailboxes with
>non-T-368, non-boatanchors, non-glowbugs, and non-amateur-radio topics,
>plus gets posted to multiple lists which is considered in mailing list
>protocol totally bad manners...
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>W?QFC wrote:
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>Current US administration: Yawn. Snore. ZZZZZzzzz. 9/11.... G'night
>folks.
>
>Yes, we all know pearl harbor happened and how stellar our glorious
>leader is present day. Why not post your remembrances to
>soc.history.war.world-war-ii, alt.history, or if you want to blame this
>on Clinton like most do, try alt.current-events.clinton.whitewater
>
>Just not here.
>
>/m
>
>

---------------------------------------------------------------------
Get free, personalized commercial-free online radio with MSN Radio powered
by Pandora http://radio.msn.com/?icid=T002MSN03A07001

# 2803. Re: [Boatanchors] A moment, a day, a passing of a generation Lets end this NOW!

Yahoo group: T-368_BC-610
Date: 2006-12-08 01:02:07 UTC
From: redmenaced
Topic: 2800  Message: 2803

I'm not quite sure how this got on this list or just where it came
from but I don't see any need to clutter up everyone's E-mail box with it.

I don't know about everyone else but I only have a dial-up connection,
it is very slow and not very dependable.

Ok, so I'm grumpy, I spent all day at the Tracewell Systems auction in
Cuba, NY and didn't buy ANYTHING! It all went too high for my budget.
'nother electronics/defense contractor down the tubes.

Joe (list owner(grump))

--- In T-368_BC-610@yahoogroups.com, Mark Richards <mark.richards@...>
wrote:
>
> Since the off-topic stuff begins again, clogs up members mailboxes with
> non-T-368, non-boatanchors, non-glowbugs, and non-amateur-radio topics,
> plus gets posted to multiple lists which is considered in mailing list
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> WØQFC wrote:
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> soc.history.war.world-war-ii, alt.history, or if you want to blame this
> on Clinton like most do, try alt.current-events.clinton.whitewater
>
> Just not here.
>
> /m
>

# 2804. T-368 For Sale

Yahoo group: T-368_BC-610
Date: 2006-12-08 19:43:01 UTC
From: k5lar
Topic: 1258  Message: 2804

Looking for a worthy home: I have posted my T-368 C transmitter and 939 B antenna tuner on QTH. It has not been used by me, and has not been used in over 5 years now as I understand it.
<>
Too many interests and activities personally, and would like someone to put this unit on the air with the big dogs!
<>
Sale will include extra tubes, microphone, some new stainless hardware, and manuals. Would prefer pickup in central Texas, but will entertain delivery in my POV for a reasonable fee, if practical for me. Thanks!
<>
Price is $2,400. Cell # is 254-421-2906.

# 2805. RE: [T-368_BC-610] T-368 For Sale

Yahoo group: T-368_BC-610
Date: 2006-12-08 22:09:32 UTC
From: Trevor Lewis KD1YT
Topic: 1258  Message: 2805

With no sarcasm or judgment intended toward anyone, is this indeed the current going rate for a
complete T-3?

If so, they have certainly appreciated nicely since Fair Radio used to sell them for about 695 in
the late 80s/early 90s ! (yeah, I know, supply and demand...).

Trevor
VT, USA

------- Original Message -------
From : k5lar[mailto:mesquite@...]
Sent : 12/8/2006 2:43:01 PM
To : T-368_BC-610@yahoogroups.com
Cc :
Subject : RE: [T-368_BC-610] T-368 For Sale

Looking for a worthy home: I have posted my T-368 C transmitter and
939 B antenna tuner on QTH. It has not been used by me, and has not
been used in over 5 years now as I understand it.
<>
Too many interests and activities personally, and would like someone
to put this unit on the air with the big dogs!
<>
Sale will include extra tubes, microphone, some new stainless
hardware, and manuals. Would prefer pickup in central Texas, but will
entertain delivery in my POV for a reasonable fee, if practical for
me. Thanks!
<>
Price is $2,400. Cell # is 254-421-2906.

# 2806. RE: [T-368_BC-610] T-368 For Sale

Yahoo group: T-368_BC-610
Date: 2006-12-08 22:27:29 UTC
From: Tom Mackie
Topic: 1258  Message: 2806

Trevor,

I initially thought the same, but I believe this is indeed the going rate as I know of two more available in the $2k range. Likely, there are also still bargains to be had as well. I too am glad I was able to buy my scrap in 1990.

Tom W2ILA

---

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Trevor Lewis KD1YT
Sent: Friday, December 08, 2006 5:10 PM
To: mesquite@...; T-368_BC-610@yahoogroups.com
Subject: RE: [T-368_BC-610] T-368 For Sale

With no sarcasm or judgment intended toward anyone, is this indeed the current going rate for a
complete T-3?

If so, they have certainly appreciated nicely since Fair Radio used to sell them for about 695 in
the late 80s/early 90s ! (yeah, I know, supply and demand...).

Trevor
VT, USA

------- Original Message -------
From : k5lar[mailto:mesquite@... <mailto:mesquite%40vvm.com> ]
Sent : 12/8/2006 2:43:01 PM
To : T-368_BC-610@yahoogroups.com
<mailto:T-368_BC-610%40yahoogroups.com>
Cc :
Subject : RE: [T-368_BC-610] T-368 For Sale

Looking for a worthy home: I have posted my T-368 C transmitter and 939 B antenna tuner on QTH. It has not been used by me, and has not been used in over 5 years now as I understand it.
<>
Too many interests and activities personally, and would like someone to put this unit on the air with the big dogs!
<>
Sale will include extra tubes, microphone, some new stainless hardware, and manuals. Would prefer pickup in central Texas, but will entertain delivery in my POV for a reasonable fee, if practical for me. Thanks!

<>
Price is $2,400. Cell # is 254-421-2906.

[Non-text portions of this message have been removed]

# 2807. Is This Ok? 230vac input - 4.9kv B+ - 800watts key down

Yahoo group: T-368_BC-610
Date: 2006-12-09 00:52:54 UTC
From: bearlabsusa
Topic: 2807  Message: 2807

Is This Ok? 230vac input - 4.9kv B+ - 800watts key down

_-_-bear

# 2808. Re: [T-368_BC-610] Is This Ok? 230vac input - 4.9kv B+ - 800watts key down

Yahoo group: T-368_BC-610
Date: 2006-12-09 01:16:27 UTC
From: w7qho@aol.com
Topic: 2807  Message: 2808

In a message dated 12/8/06 5:00:40 PM, bearlabs@... writes:

> Is This Ok? 230vac input - 4.9kv B+ - 800watts key down
>

Uhh..... You're kidding, right?

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 2809. Fw: T-368 Securing Screw Needed

Yahoo group: T-368_BC-610
Date: 2006-12-09 02:21:56 UTC
From: Keith Densmore
Topic: 2809  Message: 2809

----- Original Message -----
From: Keith Densmore
To: T-368_BC-610@yahoogroups.com
Sent: Friday, December 08, 2006 3:18 PM
Subject: T-368 Securing Screw Needed

Greetings,
Anyone on the list happen to have a spare screw that is used to secure the drawers to the case? There are four used per drawer and they use an allen head.

Thanks, 73,
Keith

[Non-text portions of this message have been removed]

# 2810. Fw: BC-939 and ME-165 Sought

Yahoo group: T-368_BC-610
Date: 2006-12-09 02:22:10 UTC
From: Keith Densmore
Topic: 2810  Message: 2810

----- Original Message -----
From: Keith Densmore
To: T-368_BC-610@yahoogroups.com
Sent: Friday, December 08, 2006 3:22 PM
Subject: BC-939 and ME-165 Sought

Greetings,
I'd be interested in finding a matching BC-939 tuner for my T-368.
I'd also be interested if anyone has a ME-165 power meter.

Thanks, 73,
Keith, ve3ts

[Non-text portions of this message have been removed]

# 2811. MD-239 Basket Case Needed

Yahoo group: T-368_BC-610
Date: 2006-12-12 14:59:34 UTC
From: r390b
Topic: 2811  Message: 2811

Been looking for an MD-239 for some while, but other than what folks have with there stations they no longer seem to exist, one fellow even said it was worth more in parts as audiophile components than hams would pay for it!! (not making it up - not sure what those parts are, though...)

It's not something I really *need* and I'd be satisfied with a gutted case and build my own "modern" fsk exciter that looks like one if need be.

I've pretty much given up on a tuner, as a couple folks changed their minds at the last minute, wanting them instead for amp parts.

Any help, suggestions, where to shove it, etc?? LOL

Thanks for your patience

Tom Nu4g

# 2812. BC-610-E

Yahoo group: T-368_BC-610
Date: 2006-12-14 03:28:18 UTC
From: Rick Brashear
Topic: 1223  Message: 2812

Hi all...

I am looking for the center front panel (the one with the meters in it) for the BC-610 "E" model. I don't need the meters or anything else, just the metal. It needs to be in good shape with clear lettering and no extra holes. I will pay a fair price for the right piece. It can have the meters and stuff, but is not necessary.

Thanks,
Rick/K5IZ

# 2813. Transformer baking Recovery

Yahoo group: T-368_BC-610
Date: 2006-12-18 22:56:48 UTC
From: Rbethman
Topic: 2813  Message: 2813

Folks,

Most of us have power, mod, audio, and "other" transformers that have been "due to storage requirements", exposed to humidity.

The 90 Deg C temp converts to 194 Deg F.

This would seem to be a starting point for a multiple hour bake session.

My Electric stove/oven has a 200 Deg F setting.

I plan to make some baking runs on xfmrs for periods between 2 to 4 hours.

This SHOULD take care of "simple" humidity issues.

Dealing with REAL MOISTURE issues is someplace I've been. The year was 1975. My team and I were installing a replacement 1500KW, 4160VAC, 230A 60 Hz synchronous generator.

We were located on the Island of American Samoa. The military transport folks, for reason never determined, had left this in an unprotected wood shipping crate. This crate sat OUTSIDE for about weeks in the summer tropical environment AND rains.

We acquired about 12 floodlights, sockets, wiring, and plugs. We removed the end bells and confirmed a "Depot Rebuilt" assembly that was indeed SOAKED.

We baked it with the end bells OFF for two weeks in a water-proof shelter. Testing was performed with first a Megger, then followed by a "Hi-Pot". We determined that our effort was successful.

Several days later, we installed it, aligned it with the prime mover, and then, crossing our fingers, started the generator, flashed its field, and achieved full output voltage. We did a careful step loading until we reached full power of 1500KW 4160 3 Phase VAC at a power factor of 0.8.

It was run for 72 hours in that condition. It performed flawlessly.

To MY knowledge, this piece of equipment operated for at LEAST four years without failure.

Baking works! WE just shouldn't have to go to THOSE extremes to safely recover OUR transformers. Unless we have managed to let them get WET.

Bob - N0DGN

--
Bob - N?DGN

```
+-----------------------------------------------------------------+
| \\"""// CraftyBob - WitchDoctor \\"""// |
| (@ @) Bob Bethman - N?DGN (@ @) |
+-------oOOo-(_)-oOOo-------------------------oOOo-(_)-oOOo-------+
| N?DGN AMRadio Manassas, VA | REAL Tube Radio and AM |
+-------------------------------+---------------------------------+
| Manassas Radio - Home of Homemade Kielbasa & Pirogi |
+-------------------------------+---------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| rbethman(at)comcast.net \\ ~ ~ // signal does *NOT* mean |
| (/ @ @ /) that everything is OK " |
+-------------------------oOOo-(_)-oOOo----------------------------+
| <http://home.comcast.net/~rbethman> |
| 1 BC-61?I w/BC-614I,1 T-213/GRC-26 w/BC614I,1 '51 Collins R-39?A |
| SP-6??/NR Type 159, Heath DX-6?, Apache, Mohawk, SX-1?1, HT-32A |
+-------.oooO---Oooo.--------------------------.oooO---Oooo.------+
| ( ) ( )Opinions expressed are that( ) ( ) |
| \ ( ) / of my own and do not \ ( ) / |
| \_ ) ( _/represent those of ANYONE else \_ ) ( _/ |
+-----------------------------------------------------------------+
| Amateur Astronomer - Celestron Nexstar 8 & Meade ETX-6? |
| 38 Deg 46'48.62"' N - 77 Deg 28'26.89" W |
+--------------------------.oooO---Oooo.---------------------------+
| ( ) ( ) |
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| ALL E-mail received and sent scanned by AVG |
+-----------------------------------------------------------------+
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# 2814. RE: [T-368_BC-610] Transformer baking Recovery

Yahoo group: T-368_BC-610
Date: 2006-12-19 03:18:03 UTC
From: Trevor Lewis KD1YT
Topic: 2813  Message: 2814

Ahh;
holiday baking, that smell of warm phenolic
insulation will lift the spirits

:-)

73
de KD1YT

------- Original Message -------
From : Rbethman[mailto:rbethman@...]
Sent : 12/18/2006 5:56:48 PM
To : T-368_BC-610@yahoogroups.com
Cc :
Subject : RE: [T-368_BC-610] Transformer baking Recovery

Folks,

Most of us have power, mod, audio, and "other"
transformers that have
been "due to storage requirements", exposed to humidity.

The 90 Deg C temp converts to 194 Deg F.

This would seem to be a starting point for a multiple
hour bake session.

My Electric stove/oven has a 200 Deg F setting.

I plan to make some baking runs on xfmrs for periods
between 2 to 4 hours.

This SHOULD take care of "simple" humidity issues.

Dealing with REAL MOISTURE issues is someplace I've
been. The year was
1975. My team and I were installing a replacement
1500KW, 4160VAC, 230A
60 Hz synchronous generator.

We were located on the Island of American Samoa. The
military transport
folks, for reason never determined, had left this in
an unprotected wood
shipping crate. This crate sat OUTSIDE for about
weeks in the summer
tropical environment AND rains.

We acquired about 12 floodlights, sockets, wiring,
and plugs. We
removed the end bells and confirmed a "Depot Rebuilt"
assembly that was
indeed SOAKED.

We baked it with the end bells OFF for two weeks in a
water-proof
shelter. Testing was performed with first a Megger,
then followed by a
"Hi-Pot". We determined that our effort was successful.

Several days later, we installed it, aligned it with
the prime mover,
and then, crossing our fingers, started the
generator, flashed its
field, and achieved full output voltage. We did a
careful step loading
until we reached full power of 1500KW 4160 3 Phase
VAC at a power factor
of 0.8.

It was run for 72 hours in that condition. It
performed flawlessly.

To MY knowledge, this piece of equipment operated for
at LEAST four
years without failure.

Baking works! WE just shouldn't have to go to THOSE
extremes to safely
recover OUR transformers. Unless we have managed to
let them get WET.

Bob - N0DGN

--
Bob - NØDGN
+----------------------------------------------------------------------+
| \\"""// CraftyBob - WitchDoctor
\\"""// |
| (@ @) Bob Bethman - NØDGN (@
@) |
+-------oOOo-(_)-oOOo-------------------------oOOo-(_)-oOOo-------+
| NØDGN AMRadio Manassas, VA | REAL Tube Radio
and AM |
+------------------------------+-----------------------------------+
| Manassas Radio - Home of Homemade Kielbasa &
Pirogi |
+------------------------------+-----------------------------------+
| Bob Bethman \\\|/// " The
absence of a danger |
| rbethman(at)comcast.net \\ ~ ~ // signal

```
does *NOT* mean |
| (/ @ @ /) that
everything is OK " |
+-------------------------oOOo-(_)-oOOo----------------------------+
| < http://home.comcast.net/~rbethman>
|
| 1 BC-610I w/BC-614I,1 T-213/GRC-26 w/BC614I,1 '51
Collins R-390A |
| SP-600/NR Type 159, Heath DX-60, Apache, Mohawk,
SX-101, HT-32A |
+-------.ooo0---Oooo.--------------------------.ooo0---Oooo.------+
| ( ) ( )Opinions expressed are that(
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) ( _/ |
+---------------------------------------------------------------+
| Amateur Astronomer - Celestron Nexstar 8 &
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| 38 Deg 46'48.62"' N - 77 Deg 28'26.89" W
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| ALL E-mail received and sent scanned by
AVG |
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# 2815. Re: [T-368_BC-610] Transformer baking Recovery

Yahoo group: T-368_BC-610
Date: 2006-12-19 03:58:38 UTC
From: Gene Beckwith
Topic: 2813  Message: 2815

To all,

Amen Brother...!

73,

de W8KXR

Trevor Lewis KD1YT wrote:

> Ahh;
> holiday baking, that smell of warm phenolic
> insulation will lift the spirits
>
> :-)
>
> 73
> de KD1YT
>
> ------- Original Message -------
> >From : Rbethman[mailto:rbethman@...
> <mailto:rbethman%40comcast.net>]
> Sent : 12/18/2006 5:56:48 PM
> To : T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> Cc :
> Subject : RE: [T-368_BC-610] Transformer baking Recovery
>
> Folks,
>
> Most of us have power, mod, audio, and "other"
> transformers that have
> been "due to storage requirements", exposed to humidity.
>
> The 90 Deg C temp converts to 194 Deg F.
>
>
>

[Non-text portions of this message have been removed]

# 2816. Re: [T-368_BC-610] Transformer baking Recovery

Yahoo group: T-368_BC-610
Date: 2006-12-19 03:19:40 UTC
From: Gene Beckwith
Topic: 2813  Message: 2816

*Gents,

I regularly re-hab heavy metal rigs here at W8KXR....It is sop to use a 500 watt heat lamp at about six to ten inches for two to three hours on any and all xfromers before firing up any of my heavy metal rebuilds....

The lamp is mounted in an old photo lamp reflector and is either clamped in position, or played on the iron with the lamp assembly held by a tripod that was part of the photo lamp package....depending on accessability...

Depending on the size and mass of the iron...I use ''engineering'' judgment as to whether the iron is heated through....depending on judgment and history of the iron....several sessions may be used, to ensure heating through.

Heating not only helps to drive out residual moisture from long exposed/stored xformers and chokes...but also, in the case of some xformers and chokes, helps to soften and re-seat resinous packaging material...

No real certainty that heating will rescue/save all heavy iron...but it's cheap and easy and standard technique in my lab...

73,

Gene

W8KXR

*

Rbethman wrote:

> Folks,
>
> Most of us have power, mod, audio, and "other" transformers that have
> been "due to storage requirements", exposed to humidity.
>
> The 90 Deg C temp converts to 194 Deg F.
>
> This would seem to be a starting point for a multiple hour bake session.
>
> My Electric stove/oven has a 200 Deg F setting.
>
> I plan to make some baking runs on xfmrs for periods between 2 to 4 hours.
>
> This SHOULD take care of "simple" humidity issues.

>
> Dealing with REAL MOISTURE issues is someplace I've been. The year was
> 1975. My team and I were installing a replacement 1500KW, 4160VAC, 230A
> 60 Hz synchronous generator.
>
> We were located on the Island of American Samoa. The military transport
> folks, for reason never determined, had left this in an unprotected wood
> shipping crate. This crate sat OUTSIDE for about weeks in the summer
> tropical environment AND rains.
>
> We acquired about 12 floodlights, sockets, wiring, and plugs. We
> removed the end bells and confirmed a "Depot Rebuilt" assembly that was
> indeed SOAKED.
>
> We baked it with the end bells OFF for two weeks in a water-proof
> shelter. Testing was performed with first a Megger, then followed by a
> "Hi-Pot". We determined that our effort was successful.
>
> Several days later, we installed it, aligned it with the prime mover,
> and then, crossing our fingers, started the generator, flashed its
> field, and achieved full output voltage. We did a careful step loading
> until we reached full power of 1500KW 4160 3 Phase VAC at a power factor
> of 0.8.
>
> It was run for 72 hours in that condition. It performed flawlessly.
>
> To MY knowledge, this piece of equipment operated for at LEAST four
> years without failure.
>
> Baking works! WE just shouldn't have to go to THOSE extremes to safely
> recover OUR transformers. Unless we have managed to let them get WET.
>
> Bob - N0DGN
>
> --
> Bob - NØDGN
> +-----------------------------------------------------------+
> | \\"""// CraftyBob - WitchDoctor \\"""// |
> | (@ @) Bob Bethman - NØDGN (@ @) |
> +-------oOOo-(_)-oOOo-------------------------oOOo-(_)-oOOo-------+
> | NØDGN AMRadio Manassas, VA | REAL Tube Radio and AM |
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> | <http://home.comcast.net/~rbethman
> <http://home.comcast.net/%7Erbethman>> |

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> | 1 BC-61ØI w/BC-614I,1 T-213/GRC-26 w/BC614I,1 '51 Collins R-39ØA |
> | SP-6ØØ/NR Type 159, Heath DX-6Ø, Apache, Mohawk, SX-1Ø1, HT-32A |
> +-------.oooO---Oooo.--------------------------.oooO---Oooo.------+
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> | \_ ) ( _/represent those of ANYONE else \_ ) ( _/ |
> +---------------------------------------------------------+
> | Amateur Astronomer - Celestron Nexstar 8 & Meade ETX-6Ø |
> | 38 Deg 46'48.62"' N - 77 Deg 28'26.89" W |
> +--------------------------.oooO---Oooo.---------------------------+
> | ( ) ( ) |
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> | ALL E-mail received and sent scanned by AVG |
> +---------------------------------------------------------+
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[Non-text portions of this message have been removed]

# 2817. BC 614 nd BC-610E

Yahoo group: T-368_BC-610
Date: 2006-12-19 20:04:12 UTC
From: John King
Topic: 2817  Message: 2817

I have the following in original condition with
interconnecting cables:

BC-610 E Transmitter
BC-614 Speech Amplifier
JB-70A Junction and control box
BC-342 receiver

These came to me unconnected, of course, but as a
"station"

I know a ham who did not use his BC-614 speech
amplifier with his BC-610 because he found it "bassy"
and wanted a broader and higher frequency response. He
homebrewed a speech amplifier to use with his BC-610.
Based on YOUR EXPERIENCE and KNOWLEGE, is that a
common problem bor the BC-610 when used with the
BC-614A?? Was his fincings common? Does the
BC=610E/BC-614A usually sound "bassy"???

What do you think of the usefulness of using the
JB-70A Junction Box? Is the Junction Box a valuable
accessory?

I have a Hallicrafters SX 28A that I plan to use as
station receiver with the BC-610E station instead of
the BC-342. Seems that the SX 28A would be more
appropriate, but I will need to go through the SX 28A
and re-cap it before using it.

Your input, advice, observations and tips will be
appreciated. 73, John, K5PGW

---
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

# 2818. Re: [T-368_BC-610] BC 614 nd BC-610E

Yahoo group: T-368_BC-610
Date: 2006-12-19 22:48:10 UTC
From: John King
Topic: 2817  Message: 2818

The tag on the front of my BC-610E says it was manufactured by Hallicrafters and is serial # 1769. Is there any way to tell the year of manufacture? It has a decal on the front that says 9th Naval District. Do you know where the 9th Naval District was? I suspect that it came from a Naval Reserve Station, but that is just a guess.

My BC-614E is serial #3606. I am trying to get familiar with it. It has no back cover. Was there ever a back cover to the transmitter cabinet? 73, John, K5PGW

_____Do You Yahoo!?Tired of spam? Yahoo! Mail has the best spam protection around http://mail.yahoo.com

_____
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
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# 2819. Re: [T-368_BC-610] BC 614 nd BC-610E

Yahoo group: T-368_BC-610
Date: 2006-12-19 23:55:51 UTC
From: Jerry K
Topic: 2817  Message: 2819

9th Naval District covered a pretty large territory, including the
following states:

Ohio, Michigan, Kentucky, Indiana, Illinois, Wisconsin, Minnesota, Iowa,
Missouri, North Dakota, South Dakota, Nebraska, Kansas.

HQ was at Great Lakes Naval Station near Chicago.

73, Jerry W5KP

John King wrote:
>
> The tag on the front of my BC-610E says it was
> manufactured by Hallicrafters and is serial # 1769. Is
> there any way to tell the year of manufacture? It has
> a decal on the front that says 9th Naval District. Do
> you know where the 9th Naval District was? I suspect
> that it came from a Naval Reserve Station, but that is
> just a guess.
>
> My BC-614E is serial #3606. I am trying to get
> familiar with it. It has no back cover. Was there ever
> a back cover to the transmitter cabinet? 73, John,
> K5PGW
>
> _____Do
> You Yahoo!?Tired of spam? Yahoo! Mail has the best
> spam protection around http://mail.yahoo.com <http://mail.yahoo.com>
>
> _____
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam protection around
> http://mail.yahoo.com <http://mail.yahoo.com>
>
>

# 2820. Re: [T-368_BC-610] BC 614 and BC-610E

Yahoo group: T-368_BC-610
Date: 2006-12-20 00:03:34 UTC
From: Rbethman
Topic: 2817  Message: 2820

John,

When they were manufactured they ALL had a back panel.

The reasoning is unknown, but I suspect that owners/operators OTHER than the military made up their mind that the BC-610 needed to breathe more. They DON'T! They will run 24/7 without cooling other than plain old convection.

The JB-70 junction box that you have will make it easy to set up for PTT operation.

The BC-614 is more than adequate for speech amplification. There are some that have and do feed the BC-610s with audio from another source.

Welcome to the REAL Boat Anchor Club!

Bob - N0DGN

John King wrote:
>
> The tag on the front of my BC-610E says it was
> manufactured by Hallicrafters and is serial # 1769. Is
> there any way to tell the year of manufacture? It has
> a decal on the front that says 9th Naval District. Do
> you know where the 9th Naval District was? I suspect
> that it came from a Naval Reserve Station, but that is
> just a guess.
>
> My BC-614E is serial #3606. I am trying to get
> familiar with it. It has no back cover. Was there ever
> a back cover to the transmitter cabinet? 73, John,
> K5PGW
>
> .
>
>

--
Bob Bethman - NØDGN
+-----------------------------------------------------------------+
| REAL Tube Radio and AM |
+-----------------------------------------------------------------+
| Manassas Radio - Home of Homemade Kielbasa & Pirogi |
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| <http://home.comcast.net/~rbethman> |
| <http://home.comcast.net/~rbethman/BC-610.html> |
| BC-61ØI w/BC-614I, T-213/GRC-26 w/BC614I '51 Collins R-390A |
| SP-600/NR Type 159, Heath DX-60, Apache, Mohawk, SX-101, HT-32A |
+-------------------------------------------------------------------+
| Amateur Astronomer - Celestron Nexstar 8 - Megrez 80mm SD II |
| 12" f5 Dob coming soon! Being built |
| 38 Deg 46'48.62"' N - 77 Deg 28'26.89" W |
+-------------------------------------------------------------------+
| Opinions expressed are that of my own and do not necessarily |
| coincide with or represent those of ANYONE else |
+-------------------------------------------------------------------+
| ALL E-mail received and sent scanned by Windows OneCare Live |
+-------------------------------------------------------------------+
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[Non-text portions of this message have been removed]

# 2821. Re: [T-368_BC-610] BC 614 and BC-610E

Yahoo group: T-368_BC-610
Date: 2006-12-20 00:42:14 UTC
From: wa5cab@cs.com
Topic: 2817  Message: 2821

John,

There are four interlock switches that disable the plate relay. Although I can't for the life of me recall where the 4th one is. But if the transmitter was being operated with the back cover missing, the previous owner must have disabled or bypassed that one. And if he did that, you'd better play it safe and check the others before you go and apply AC and stick your hands inside. The 2nd and 3rd ones are operated by the two doors in the top cover. Someone else will no doubt recall where the 4th is physically.

In the late 50's there must have been a lot of BC-610's turned over to Naval Reserve Centers or Training Facilities. My first BC-610-F came out of the one in Ruston, LA.

In a message dated 12/19/2006 6:22:24 PM Central Standard Time, rbethman@... writes:
> When they were manufactured they ALL had a back panel.
>
> The reasoning is unknown, but I suspect that owners/operators OTHER than
> the military made up their mind that the BC-610 needed to breathe more.
> They DON'T! They will run 24/7 without cooling other than plain old
> convection.
>
> The JB-70 junction box that you have will make it easy to set up for PTT
> operation.
>
> The BC-614 is more than adequate for speech amplification. There are
> some that have and do feed the BC-610s with audio from another source.
>
> Welcome to the REAL Boat Anchor Club!
>
> Bob - N0DGN
>
> John King wrote:
> >
> >The tag on the front of my BC-610E says it was
> >manufactured by Hallicrafters and is serial # 1769. Is
> >there any way to tell the year of manufacture? It has
> >a decal on the front that says 9th Naval District. Do
> >you know where the 9th Naval District was? I suspect
> >that it came from a Naval Reserve Station, but that is
> >just a guess.
> >
> >My BC-614E is serial #3606. I am trying to get
> >familiar with it. It has no back cover. Was there ever
> >a back cover to the transmitter cabinet? 73, John,

> >K5PGW

Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2822. Re: [T-368_BC-610] BC 614 and BC-610E

Yahoo group: T-368_BC-610
Date: 2006-12-20 15:40:55 UTC
From: james1787@aol.com
Topic: 2817  Message: 2822

Oddly enough, most pictures I've seen of BC-610's in the hamshack they are missing the back panel and mine is no exception. Who knows where they went over time.

James - KB2FCV

-----Original Message-----
From: rbethman@comcast.net
To: T-368_BC-610@yahoogroups.com
Cc: k5pgw@...
Sent: Tue, 19 Dec 2006 7:03 PM
Subject: Re: [T-368_BC-610] BC 614 and BC-610E

John,

When they were manufactured they ALL had a back panel.

The reasoning is unknown, but I suspect that owners/operators OTHER than
the military made up their mind that the BC-610 needed to breathe more.

They DON'T! They will run 24/7 without cooling other than plain old convection.

The JB-70 junction box that you have will make it easy to set up for PTT
operation.

The BC-614 is more than adequate for speech amplification. There are some that have and do feed the BC-610s with audio from another source.

Welcome to the REAL Boat Anchor Club!

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> just a guess.
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> familiar with it. It has no back cover. Was there ever
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>
> .
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>

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Bob Bethman - NØDGN
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| Bob Bethman \\\|/// " The absence of a danger |
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| <http://home.comcast.net/~rbethman> |
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| BC-61ØI w/BC-614I, T-213/GRC-26 w/BC614I '51 Collins R-390A |
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+----------------------------------------------------------------+
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| 12" f5 Dob coming soon! Being built |
| 38 Deg 46'48.62"' N - 77 Deg 28'26.89" W |
+----------------------------------------------------------------+
| Opinions expressed are that of my own and do not necessarily |
| coincide with or represent those of ANYONE else |
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| ALL E-mail received and sent scanned by Windows OneCare Live |
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[Non-text portions of this message have been removed]

Yahoo! Groups Links

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# 2823. [T-368_BC-610] BC 614 Question

Yahoo group: T-368_BC-610
Date: 2006-12-20 15:59:43 UTC
From: james1787@aol.com
Topic: 2817  Message: 2823

I am still a relatively new BC-610 owner. My BC-610E has been sitting in the basement for several months now, I have finally printed out (as of yesterday) the manuals for it so I can start dissasembly, cleaning and restoration of the transmitter.

I have a few questions -

Is the BC-614 necessary to it's operation? I don't know much about this unit other than it is a speech amplifier. Is this where you would plug in a mic or key? I don't see anywhere on the transmitter where a mic or key would plug into.

As far as cleaning the insides go, I plan on using some simple green and a soft brush and carefully washing each section and allowing to dry thoroghly (heh, it'll probably get a few months to dry). Is this a good method or is there a better way to clean it? Any reccomendations for safely cleaning the oxidized contacts of the plug-in coils, TU-52, etc?

Were there crystals for it in the ham bands or is it up to us to modify crystals for it?

Sorry for all the questions!

73,

James KB2FCV

---
Check out the new AOL. Most comprehensive set of free safety and security tools, free access to millions of high-quality videos from across the web, free AOL Mail and more.

# 2824. Re: [T-368_BC-610] BC 614 Question

Yahoo group: T-368_BC-610
Date: 2006-12-20 16:39:52 UTC
From: Rick Brashear
Topic: 2817  Message: 2824

Hi James,

Those are all very good questions. I'll try to tackle a few of them.

The BC-614 is a fine speech amplifier and I use it with my BC-610-E. It's not mandatory you use it, but you will need some kind of speech amplifier to drive the modulator in the BC-610. Some guys use other preamps and audio processing equipment and it all works just as well. However, I prefer the BC-614 since it was made for the BC-610 and provides an avenue for PTT as well as the needed drive. It also has the "Modulator Plate" meter so it's easier to adjust the modulator bias. There is no direct microphone and/or key input on the BC-610.

As for the cleaning I use a similar solution. It is very important to be extra careful around the transformers not to let any moisture get in. If you intend to dissemble the transmitter to clean it I would suggest you study the section in the TM describing how to take it apart. It is not an easy task and may require a strong back or two to lift the individual decks.. I usually take the modulation transformer off before trying to get that deck out. Mine has a cover over the bottom of the power supply deck, so I have to remove it from the frame to service it. This is definitely a two man job! DeOxIt works great on all the contacts.

I got my crystals from Brian Carling af4k.com and they work beautifully.

I hope this helps a little.

73,
Rick/K5IZ

[Non-text portions of this message have been removed]

# 2825. Re: [T-368_BC-610] BC 614 Question

Yahoo group: T-368_BC-610
Date: 2006-12-20 17:30:33 UTC
From: James M. Walker
Topic: 2817  Message: 2825

Let me jump in here if I may,

The BC-610(*) require 600 ohm audio drive to the modulator connector
on the right rear facing the BC-610. You can provide audio drive there,
and also the pins for a 0 - 300 MA meter are on that connector. Also
the keyline contacts for CW. Called out in the manual.

As far as cleaning, first check with a rag of sorts, to see if it is dusty
or dirty but still has the "MFP" coating on the chassis surface. If so
then use simple green or 409 and a soft rag to clean the surfaces. If it has been repainted
or such that the MFP coat has been removed, then
test an small area before using strong cleaners on it. YMMV there.

The BC-614 is good I never got/get "Bassy" reports from my use,
voice characteristics usually determine that also. The PTT function
can be implemented if you use the BC-614, I built a stand-alone
box that allows me to set resting modulator current, do CW keying
and the like. It also lets me key the transmitter for AM operation.

when cleaning the contacts on RF coild and tuning units, I use scotch
brite pads and gently clean so as not to remove the nickel plating. Be
careful with the coils as some cleaners with cause the spacer forms to deteriorate, some
after cleaning with say 409, use clean water and let
air dry. If your tuning units are tough turning, open the case and lube
the ball bearings on the shafts of the caps.

Disassembly of the "E" model is a pain but do-able. First take the
top section cover off, then unplug the wires from the RF deck to the
modulator deck. Then remove all the screws all the way around the
bottom of the RF deck, but leave two in on each side of the rig. Once that
is done, have a helper pull the two pairs of screws out while you hold
the RF section, sit it off on the side.

Then comes the modulator, I cut 2 (two) 2X4 pieces to hold the modulator deck up, the
screws for this deck go thru the handles for the BC-610.
So removing them all at once is a cry for disaster. Unless you prop the deck up somehow.
Once all the screws are out of the "Mod" deck you can stand in the a position near the
middle of the deck and lift it out.
WARNING it is heavy but manageable for short distances.

To get to the power supply deck, all the way around the remaining side and front skins are
bolted to the top of the power supply chassis. Unplug
the cables to the power supply and tilt it up on the HV tranny side it won't
go over on you if you don't bang it.

If you have the transformers with the end bells, wipe everything down
or if your transformers are square and sealed 409 with vigor no sweat.

Sorry for the length, but WELCOME TO THE "Beastly" Crowd.
Jim
WB2FCN
http://eshop1.chem.buffalo.edu

I am still a relatively new BC-610 owner. My BC-610E has been sitting in the basement for several months now, I have finally printed out (as of yesterday) the manuals for it so I can start dissasembly, cleaning and restoration of the transmitter.

I have a few questions -

Is the BC-614 necessary to it's operation? I don't know much about this unit other than it is a speech amplifier. Is this where you would plug in a mic or key? I don't see anywhere on the transmitter where a mic or key would plug into.

As far as cleaning the insides go, I plan on using some simple green and a soft brush and carefully washing each section and allowing to dry thoroghly (heh, it'll probably get a few months to dry). Is this a good method or is there a better way to clean it? Any reccomendations for safely cleaning the oxidized contacts of the plug-in coils, TU-52, etc?

Were there crystals for it in the ham bands or is it up to us to modify crystals for it?

Sorry for all the questions!

73,

James KB2FCV

_____
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[Non-text portions of this message have been removed]

# 2826. Re: [T-368_BC-610] BC 614 and BC-610E

Yahoo group: T-368_BC-610
Date: 2006-12-20 16:19:33 UTC
From: Jack Taylor
Topic: 2817  Message: 2826

Fortunately the back covers are easy to fabricate. A piece of sheet metal cut to the appropriate size
with a few ventilation holes and painted black. The rear panel in place is recommended in order to
keep critters from nesting in the internals.

73 de Jack - N7OO

----- Original Message -----
From: james1787@...
To: rbethman@... ; T-368_BC-610@yahoogroups.com
Cc: k5pgw@...
Sent: Wednesday, December 20, 2006 8:40 AM
Subject: Re: [T-368_BC-610] BC 614 and BC-610E

Oddly enough, most pictures I've seen of BC-610's in the hamshack they
are missing the back panel and mine is no exception. Who knows where
they went over time.

James - KB2FCV

-----Original Message-----
From: rbethman@...
To: T-368_BC-610@yahoogroups.com
Cc: k5pgw@...
Sent: Tue, 19 Dec 2006 7:03 PM
Subject: Re: [T-368_BC-610] BC 614 and BC-610E

John,

When they were manufactured they ALL had a back panel.

The reasoning is unknown, but I suspect that owners/operators OTHER
than
the military made up their mind that the BC-610 needed to breathe more.

They DON'T! They will run 24/7 without cooling other than plain old
convection.

The JB-70 junction box that you have will make it easy to set up for
PTT
operation.

The BC-614 is more than adequate for speech amplification. There are
some that have and do feed the BC-610s with audio from another source.

Welcome to the REAL Boat Anchor Club!

Bob - N0DGN

John King wrote:
>
> The tag on the front of my BC-610E says it was
> manufactured by Hallicrafters and is serial # 1769. Is
> there any way to tell the year of manufacture? It has
> a decal on the front that says 9th Naval District. Do
> you know where the 9th Naval District was? I suspect
> that it came from a Naval Reserve Station, but that is
> just a guess.
>
> My BC-614E is serial #3606. I am trying to get
> familiar with it. It has no back cover. Was there ever
> a back cover to the transmitter cabinet? 73, John,
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> .
>
>

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Bob Bethman - NØDGN
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| Amateur Astronomer - Celestron Nexstar 8 - Megrez 80mm SD II |
| 12" f5 Dob coming soon! Being built |
| 38 Deg 46'48.62"' N - 77 Deg 28'26.89" W |
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| ALL E-mail received and sent scanned by Windows OneCare Live |
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[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 2827. Re: [T-368_BC-610] BC 614 and BC-610E

Yahoo group: T-368_BC-610
Date: 2006-12-20 18:53:28 UTC
From: Rbethman
Topic: 2817  Message: 2827

John, et al,

My BC-610(I) came to me without the back panel. You just have to deal with EITHER leaving it open, handling the Safety Interlock, AND keeping hands and OTHER things out of the HV, - OR - Take measurements and make either a steel or aluminum back panel. (Look at the manual. It IS available on BAMA, TM 11-826. It is 29.5 MB in size.) Use the manual pictures as a "general idea" how much ventilation is needed and where. IF you have problems with downloading from BAMA, (bama,sbc.edu look under military.), How big of an attachment can you handle?

My T-213 was received WITH the back panel.

The 1/4" jacks on the LEFT front of the BC-614 are for the mic. The top one for a "dynamic" mic, the bottom for a CARBON mic.

My experience is that the gain pots are crudded up and require restoration work OR replacement.

You have the option of connecting the JB-70 to the BC-614, then the BC-614 to the BC-610 allowing for PTT operation, OR you can eliminate the JB-70 and use the PTT "external" modification on my web site:

As posted earlier:

>I have an 80kb jpeg schematic that will plug into the (R), right hand
>connector, of the BC-614(*), to allow for PTT.
>
>This is NOT an internal modification! Original circuit by K5JV, Lon Cottingham.
>Redrawn ONLY for clarity by WB2FCN. Not MY design!
>
>It can be downloaded by going to:
>
><http://home.comcast.net/~rbethman/BC-610-PTT.jpg>

>
Bob N0DGN

james1787@... wrote:
> Oddly enough, most pictures I've seen of BC-610's in the hamshack they
> are missing the back panel and mine is no exception. Who knows where
> they went over time.
>
> James - KB2FCV

--
Bob - NØDGN

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| \\"""// CraftyBob - WitchDoctor \\"""// |
| (@ @) Bob Bethman - NØDGN (@ @) |
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# 2828. Re: [T-368_BC-610] BC 614 Question

Yahoo group: T-368_BC-610
Date: 2006-12-20 19:18:11 UTC
From: james1787@aol.com
Topic: 2817  Message: 2828

Jim,

I'll probably look around for a BC-614 to use with my BC-610 as this seems to be the easiest and best way to go. I'm going to start hunting for a BC-614. I know I've seen them around on ebay from time to time or perhaps someone on this list has an extra one that they would be willing to part with.

Is the MFP coating that yellowish color? That coating offered some sort of protection against moisture in damp environments, correct? I've seen it on a few pics of other people's BC-610. Mine does not have that. Mine looks more like any other chassis. I guess with all the printing on the metal then I should be very careful.

Most people say the BC-614 works just fine with the BC-610 and does the job. That sounds good enough for me as that's what it was designed to do!

I'll try the scotchbrite pads and some cleaner. I know about some cleaners that have an adverse effect. A friend of mine used some pcboard cleaner on his Elecraft K2 and the plastic power connector desintegrated. Perhaps simply the q-Tip or a rag soaked in the material will be enough to clean it up for years of reliable use.

Thanks for the dissasembly instructions and the 2 X 4 hint for the BC-610. The 2X4 idea is smart to eliminate the risk of any damage. If I recall watching the BC-610 video that's out on the internet they installed the decks using some sort of overhead crane to save a few backs. I'll definitely grab a friend to help dissasemble the radio for any lifting parts. From there I can inspect any wiring, clean, test and then re-install each deck. I think I'll leave the bottom deck in if I can. I can probably easily tip the frame over on its side to get at any parts underneath.

I'll file your email here for safe keeping, again thanks for the hints!

73,

James KB2FCV

-----Original Message-----
From: chejmw@...
To: T-368_BC-610@yahoogroups.com; james1787@...
Sent: Wed, 20 Dec 2006 12:30 PM
Subject: Re: [T-368_BC-610] BC 614 Question

Let me jump in here if I may,

The BC-610(*) require 600 ohm audio drive to the modulator connector on the right rear facing the BC-610. You can provide audio drive there, and also the pins for a 0 - 300 MA meter are on that connector. Also the keyline contacts for CW. Called out in the manual.

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the cables to the power supply and tilt it up on the HV tranny side it won't
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Jim

WB2FCN
http://eshop1.chem.buffalo.edu

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Were there crystals for it in the ham bands or is it up to us to modify crystals for it?

Sorry for all the questions!

73,

James KB2FCV

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# 2829. Tuning units

Yahoo group: T-368_BC-610
Date: 2006-12-20 19:40:51 UTC
From: John King
Topic: 2829  Message: 2829

While looking over my BC-610 tuning units today, I noticed that two of them were apparently manufactured by a "Heath Co". One has 1951 printed on it and Heath Co.. The other has 1961 and Heath Co. on it and it is obvious that these markings are the original painted on letters at time of manufacture.

I wonder if this is the same Heath Co as Heathkit Ham fame?? Has anyone ever encountered these tuning units with Heath Co. on them? What do you think? They are identical to all other tuning units I have seen. 73, John, K5PGW

_____
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# 2830. Re: [T-368_BC-610] Tuning units

Yahoo group: T-368_BC-610
Date: 2006-12-21 00:39:23 UTC
From: Rbethman
Topic: 2829  Message: 2830

John,

I do not know if that is the same Heath Company.

All of my tuning units are either marked "B&W" or "Hallicrafters". Most
of the latter have the "Halli Logo" on them also.

Bob - N0DGN

John King wrote:
>
> While looking over my BC-610 tuning units today, I
> noticed that two of them were apparently manufactured
> by a "Heath Co". One has 1951 printed on it and Heath
> Co.. The other has 1961 and Heath Co. on it and it is
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Bob - NØDGN
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| NØDGN AMRadio Manassas, VA | REAL Tube Radio and AM |
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| 1 BC-610I w/BC-614I,1 T-213/GRC-26 w/BC614I,1 '51 Collins R-390A |
| SP-600/NR Type 159, Heath DX-60, Apache, Mohawk, SX-101, HT-32A |
+-------.ooo0---Oooo.-------------------------.ooo0---Oooo.------+
| ( ) ( )Opinions expressed are that( ) ( ) |
| \ ( ) / of my own and do not \ ( ) / |
| \_ ) ( _/represent those of ANYONE else \_ ) ( _/ |
```

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+-------------------------------------------------------------------+
| Amateur Astronomer - Celestron Nexstar 8 & Meade ETX-60 |
| 38 Deg 46'48.62"' N - 77 Deg 28'26.89" W |
+-------------------------.ooo0---Oooo.--------------------------+
| ( ) ( ) |
| \ ( ) / |
| \_ ) ( _/ |
| ALL E-mail received and sent scanned by AVG |
+-------------------------------------------------------------------+
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[Non-text portions of this message have been removed]

# 2831. Re: [T-368_BC-610] Tuning units

Yahoo group: T-368_BC-610
Date: 2006-12-21 02:41:46 UTC
From: ab3l1@aol.com
Topic: 2829  Message: 2831

In the Osterman "Receivers Past & Present" he mentions that Heath was an aircraft and aircraft parts company thru WWII. After the war it got into the electronics business. Maybe they did get some contract work.

> While looking over my BC-610 tuning units today, I
> noticed that two of them were apparently manufactured
> by a "Heath Co". One has 1951 printed on it and Heath
> Co.. The other has 1961 and Heath Co. on it and it is
> obvious that these markings are the original painted
> on letters at time of manufacture.
>
> I wonder if this is the same Heath Co as Heathkit Ham
> fame?? Has anyone ever encountered these tuning units

# 2832. BC-454 final tank coil for BC-610E

Yahoo group: T-368_BC-610
Date: 2006-12-21 15:25:36 UTC
From: John King
Topic: 2832  Message: 2832

Looking for a BC-454 final tank coil for a BC-610E and
the 1.5 to 2.0 tuning unit. If anyone has one of each
to dispose of, please contact me directly via email.
Thanks and 73, John, K5PGW

---
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

# 2833. Re: [T-368_BC-610] BC-454 final tank coil for BC-610E

Yahoo group: T-368_BC-610
Date: 2006-12-21 21:54:43 UTC
From: Rbethman
Topic: 2832  Message: 2833

There USED to be a website where someone had made a 160 mtr PA coil by
applying windings on PVC. I can't find that information.

For 160 meters, use a 2.0 - 2.5 type tuning unit. To lower the frequency
of the tuning units hang a 100pf cap on each of
the variable caps in the unit. Be VERY careful when you set the
frequency! You can get DOWN to a bit above 1600KC!

Bob - N0DGN

John King wrote:
>
> Looking for a BC-454 final tank coil for a BC-610E and
> the 1.5 to 2.0 tuning unit. If anyone has one of each
> to dispose of, please contact me directly via email.
> Thanks and 73, John, K5PGW
>
> _____
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam protection around
> http://mail.yahoo.com <http://mail.yahoo.com>
>
>
> ---
>
> No virus found in this incoming message.
> Checked by AVG.
> Version: 7.5.433 / Virus Database: 268.15.26/594 - Release Date: 12/20/2006 3:54 PM
>

--
Bob - NØDGN
+----------------------------------------------------------------+
| \\"""// CraftyBob - WitchDoctor \\"""// |
| (@ @) Bob Bethman - NØDGN (@ @) |
+-------oOOo-(_)-oOOo-------------------------oOOo-(_)-oOOo-------+
| NØDGN AMRadio Manassas, VA | REAL Tube Radio and AM |
+--------------------------------+---------------------------------+
| Manassas Radio - Home of Homemade Kielbasa & Pirogi |
+--------------------------------+---------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| rbethman(at)comcast.net \\ ~ ~ // signal does *NOT* mean |
| (/ @ @ /) that everything is OK " |
+-------------------------oOOo-(_)-oOOo----------------------------+
| <http://home.comcast.net/~rbethman> |
| 1 BC-61ØI w/BC-614I,1 T-213/GRC-26 w/BC614I,1 '51 Collins R-39ØA |

```
| SP-6ØØ/NR Type 159, Heath DX-6Ø, Apache, Mohawk, SX-1Ø1, HT-32A |
+-------.oooO---Oooo.--------------------------.oooO---Oooo.------+
| ( ) ( )Opinions expressed are that( ) ( ) |
| \ ( ) / of my own and do not \ ( ) / |
| \_ ) ( _/represent those of ANYONE else \_ ) ( _/ |
+-----------------------------------------------------------------+
| Amateur Astronomer - Celestron Nexstar 8 & Meade ETX-6Ø |
| 38 Deg 46'48.62"' N - 77 Deg 28'26.89" W |
+--------------------------.oooO---Oooo.--------------------------+
| ( ) ( ) |
| \ ( ) / |
| \_ ) ( _/ |
| ALL E-mail received and sent scanned by AVG |
+-----------------------------------------------------------------+
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[Non-text portions of this message have been removed]

# 2834. BC-610 Modification pages ( Mil TM) on my site IN jpg Image form

Yahoo group: T-368_BC-610
Date: 2006-12-22 00:14:40 UTC
From: Rbethman
Topic: 2834  Message: 2834

For those following OR having interest in the 160 meter modification
pages from the TM:

I've placed the three pages on my site.

The largest of the three is about 500KB!

Read the pages THOROUGHLY. Damage to the RF deck CAN occur!

Bob - N0DGN

<http://home.comcast.net/~rbethman/160modp1.jpg
<http://home.comcast.net/%7Erbethman/BC-610-PTT.jpg>>
<http://home.comcast.net/~rbethman/160modp2.jpg
<http://home.comcast.net/%7Erbethman/BC-610-PTT.jpg>>
<http://home.comcast.net/~rbethman/160modp3.jpg
<http://home.comcast.net/%7Erbethman/BC-610-PTT.jpg>>

--
Bob - NØDGN

```
+-----------------------------------------------------------------+
| \\"""// CraftyBob - WitchDoctor \\"""// |
| (@ @) Bob Bethman - NØDGN (@ @) |
+-------oOOo-(_)-oOOo-------------------------oOOo-(_)-oOOo-------+
| NØDGN AMRadio Manassas, VA | REAL Tube Radio and AM |
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| 1 BC-61ØI w/BC-614I,1 T-213/GRC-26 w/BC614I,1 '51 Collins R-39ØA |
| SP-6ØØ/NR Type 159, Heath DX-6Ø, Apache, Mohawk, SX-1Ø1, HT-32A |
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+-----------------------------------------------------------------+
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+-------------------------.ooo0---Oooo.--------------------------+
| ( ) ( ) |
| \ ( ) / |
| \_ ) ( _/ |
```

| ALL E-mail received and sent scanned by AVG |
+-------------------------------------------------------------------+

[Non-text portions of this message have been removed]

# 2835. Re: [T-368_BC-610] BC-610 Modification pages ( Mil TM) on my site IN jpg Image form

Yahoo group: T-368_BC-610
Date: 2006-12-22 01:20:45 UTC
From: Rick Brashear
Topic: 2834  Message: 2835

Hey Bob,
Which TM is that in?
Thanks,
Rick

Rbethman wrote:

> For those following OR having interest in the 160 meter modification
> pages from the TM:
>
> I've placed the three pages on my site.
>
> The largest of the three is about 500KB!
>
> Read the pages THOROUGHLY. Damage to the RF deck CAN occur!
>
> Bob - N0DGN
>
> <http://home.comcast.net/~rbethman/160modp1.jpg
> <http://home.comcast.net/%7Erbethman/160modp1.jpg>
> <http://home.comcast.net/%7Erbethman/BC-610-PTT.jpg
> <http://home.comcast.net/%7Erbethman/BC-610-PTT.jpg>>>
> <http://home.comcast.net/~rbethman/160modp2.jpg
> <http://home.comcast.net/%7Erbethman/160modp2.jpg>
> <http://home.comcast.net/%7Erbethman/BC-610-PTT.jpg
> <http://home.comcast.net/%7Erbethman/BC-610-PTT.jpg>>>
> <http://home.comcast.net/~rbethman/160modp3.jpg
> <http://home.comcast.net/%7Erbethman/160modp3.jpg>
> <http://home.comcast.net/%7Erbethman/BC-610-PTT.jpg
> <http://home.comcast.net/%7Erbethman/BC-610-PTT.jpg>>>
>
> --
> Bob - NØDGN
> +-----------------------------------------------------------+
> | \\"""// CraftyBob - WitchDoctor \\"""// |
> | (@ @) Bob Bethman - NØDGN (@ @) |
> +-------oOOo-(_)-oOOo-------------------------oOOo-(_)-oOOo-------+
> | NØDGN AMRadio Manassas, VA | REAL Tube Radio and AM |
> +-------------------------------+---------------------------------+
> | Manassas Radio - Home of Homemade Kielbasa & Pirogi |
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> | Bob Bethman \\\|/// " The absence of a danger |
> | rbethman(at)comcast.net \\ ~ ~ // signal does *NOT* mean |
> | (/ @ @ /) that everything is OK " |

> +-------------------------oOOo-(_)-oOOo----------------------------+
> | <http://home.comcast.net/~rbethman
> <http://home.comcast.net/%7Erbethman>> |
> | 1 BC-61ØI w/BC-614I,1 T-213/GRC-26 w/BC614I,1 '51 Collins R-39ØA |
> | SP-6ØØ/NR Type 159, Heath DX-6Ø, Apache, Mohawk, SX-1Ø1, HT-32A |
> +-------.oooO---Oooo.--------------------------.oooO---Oooo.------+
> | ( ) ( )Opinions expressed are that( ) ( ) |
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> +-----------------------------------------------------------+
> | Amateur Astronomer - Celestron Nexstar 8 & Meade ETX-6Ø |
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> +-------------------------.oooO---Oooo.--------------------------+
> | ( ) ( ) |
> | \ ( ) / |
> | _ ) ( _/ |
> | ALL E-mail received and sent scanned by AVG |
> +-----------------------------------------------------------+
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 2836. Re: [T-368_BC-610] BC-454 final tank coil for BC-610E

Yahoo group: T-368_BC-610
Date: 2006-12-22 01:41:54 UTC
From: James M. Walker
Topic: 2832  Message: 2836

That info would be at W1CKI site, but his web pages aren't showing.
I don't have all the wordings from there, but I DO have all the photos
and a small schematic for the 160 meter coil fabrication. If you would
like them just email me.

Do know what happened to W1CKI, he was secty of the "Grey Haired Net"

Jim
WB2FCN

----- Original Message -----
From: Rbethman
To: T-368_BC-610@yahoogroups.com
Cc: John King ; James M. Walker
Sent: Thursday, December 21, 2006 4:54 PM
Subject: Re: [T-368_BC-610] BC-454 final tank coil for BC-610E

There USED to be a website where someone had made a 160 mtr PA coil by applying windings on PVC. I can't find that information.

For 160 meters, use a 2.0 - 2.5 type tuning unit. To lower the frequency of the tuning units hang a 100pf cap on each of
the variable caps in the unit. Be VERY careful when you set the frequency! You can get DOWN to a bit above 1600KC!

Bob - N0DGN

John King wrote:
Looking for a BC-454 final tank coil for a BC-610E and
the 1.5 to 2.0 tuning unit. If anyone has one of each
to dispose of, please contact me directly via email.
Thanks and 73, John, K5PGW

---------------------------------------------------
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

---
No virus found in this incoming message.
Checked by AVG.
Version: 7.5.433 / Virus Database: 268.15.26/594 - Release Date: 12/20/2006 3:54 PM

--
Bob - NØDGN
+----------------------------------------------------------------+
| \\"""// CraftyBob - WitchDoctor \\"""// |

```
| (@ @) Bob Bethman - NØDGN (@ @) |
+-------oOOo-(_)-oOOo-------------------------oOOo-(_)-oOOo-------+
| NØDGN AMRadio Manassas, VA | REAL Tube Radio and AM |
+------------------------------+--------------------------------+
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| <http://home.comcast.net/~rbethman> |
| 1 BC-61ØI w/BC-614I,1 T-213/GRC-26 w/BC614I,1 '51 Collins R-39ØA |
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| Amateur Astronomer - Celestron Nexstar 8 & Meade ETX-6Ø |
| 38 Deg 46'48.62"' N - 77 Deg 28'26.89" W |
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| ( ) ( ) |
| \ ( ) / |
| \_ ) ( _/ |
| ALL E-mail received and sent scanned by AVG |
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[Non-text portions of this message have been removed]

# 2837. Re: [T-368_BC-610] BC-454 final tank coil for BC-610E

Yahoo group: T-368_BC-610
Date: 2006-12-22 03:56:51 UTC
From: Chuck Strozier
Topic: 2832  Message: 2837

seasons greetings to all from chuck strozier-BC-610 owner.
I enjoy the exchange.
there is an article in 'electric radio' #.139 dec. 2000 page 14 written by gary willey w4zxs on how to fabricate 40/80/160 tank coils from scratch out of 4" PVC,
I will be glad to photo copy the article, and send to anyone wanting. just e me ccstrozier@...
regards,chuck
----- Original Message -----
From: James M. Walker
To: rbethman@comcast.net ; T-368_BC-610@yahoogroups.com
Cc: John King
Sent: Thursday, December 21, 2006 5:41 PM
Subject: Re: [T-368_BC-610] BC-454 final tank coil for BC-610E

That info would be at W1CKI site, but his web pages aren't showing.
I don't have all the wordings from there, but I DO have all the photos
and a small schematic for the 160 meter coil fabrication. If you would
like them just email me.

Do know what happened to W1CKI, he was secty of the "Grey Haired Net"

Jim
WB2FCN

----- Original Message -----
From: Rbethman
To: T-368_BC-610@yahoogroups.com
Cc: John King ; James M. Walker
Sent: Thursday, December 21, 2006 4:54 PM
Subject: Re: [T-368_BC-610] BC-454 final tank coil for BC-610E

There USED to be a website where someone had made a 160 mtr PA coil by applying windings on PVC. I can't find that information.

For 160 meters, use a 2.0 - 2.5 type tuning unit. To lower the frequency of the tuning units hang a 100pf cap on each of
the variable caps in the unit. Be VERY careful when you set the frequency! You can get DOWN to a bit above 1600KC!

Bob - N0DGN

John King wrote:
Looking for a BC-454 final tank coil for a BC-610E and
the 1.5 to 2.0 tuning unit. If anyone has one of each
to dispose of, please contact me directly via email.
Thanks and 73, John, K5PGW

---
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

---
No virus found in this incoming message.
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--
Bob - NØDGN
```
+-----------------------------------------------------------+
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| (@ @) Bob Bethman - NØDGN (@ @) |
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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 2838. Re: [T-368_BC-610] BC-454 final tank coil for BC-610E

Yahoo group: T-368_BC-610
Date: 2006-12-22 21:33:25 UTC
From: James M. Walker
Topic: 2832  Message: 2838

Well I found W1CCKIs web site again, here is the url, the 160 meter coil info is there.

http://www.hamelectronics.com/ham/w1cki/index.html

Hope this gets you going there John.

Jim
WB2FCN

----- Original Message -----
From: John King
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, December 21, 2006 10:25 AM
Subject: [T-368_BC-610] BC-454 final tank coil for BC-610E

Looking for a BC-454 final tank coil for a BC-610E and
the 1.5 to 2.0 tuning unit. If anyone has one of each
to dispose of, please contact me directly via email.
Thanks and 73, John, K5PGW

---
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

[Non-text portions of this message have been removed]

# 2839. BC-610 Registry

Yahoo group: T-368_BC-610
Date: 2006-12-26 16:39:14 UTC
From: John King
Topic: 688  Message: 2839

I have attempted to register my BC-610E on the
registry, but have had no response. Is the registry
just history or is it being maintained? Anyone have
any information? 73, John, K5PGW

---
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

# 2840. BC-610 registry is here:

Yahoo group: T-368_BC-610
Date: 2006-12-26 22:43:42 UTC
From: redmenaced
Topic: 2840  Message: 2840

http://groups.yahoo.com/group/T-368_BC-610/files/

Also a start-up guide for the T-368 and other good things.

Joe

# 2841. Re: [T-368_BC-610] BC-610 registry is here:

Yahoo group: T-368_BC-610
Date: 2006-12-27 07:03:24 UTC
From: james1787@aol.com
Topic: 2840  Message: 2841

Joe,

How do we get our name and BC-610 added to the list?

Thanks,

James KB2FCV

-----Original Message-----
From: redmenaced@...
To: T-368_BC-610@yahoogroups.com
Sent: Tue, 26 Dec 2006 5:43 PM
Subject: [T-368_BC-610] BC-610 registry is here:

http://groups.yahoo.com/group/T-368_BC-610/files/

Also a start-up guide for the T-368 and other good things.

Joe

Yahoo! Groups Links

---
Check out the new AOL. Most comprehensive set of free safety and
security tools, free access to millions of high-quality videos from
across the web, free AOL Mail and more.

# 2842. BC-610 Modification pages

Yahoo group: T-368_BC-610
Date: 2006-12-30 17:18:19 UTC
From: Rbethman
Topic: 2834  Message: 2842

Rick,

Poking around fins the specific pages are in TM 11-826, dated October 1952.

Chapter 4, Auxiliary Equipment, Section I. Frequency Conversion Kit
MC-509, starting on pages 43 through 46.

Bob - N0DGN

Rick Brashear wrote:
> Hey Bob,
> Which TM is that in?
> Thanks,
> Rick
>
> Rbethman wrote:
>>
>> For those following OR having interest in the 160 meter modification
>> pages from the TM:
>>
>> I've placed the three pages on my site.
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>> The largest of the three is about 500KB!
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>> Read the pages THOROUGHLY. Damage to the RF deck CAN occur!
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>> Bob - N0DGN
>>
>> <http://home.comcast.net/~rbethman/160modp1.jpg
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>>
>> <http://home.comcast.net/~rbethman/160modp3.jpg>
>> <http://home.comcast.net/%7Erbethman/160modp3.jpg>
>>
>>

--
Bob - NØDGN
+-----------------------------------------------------------------+
| \\"""// CraftyBob - WitchDoctor \\"""// |
| (@ @) Bob Bethman - NØDGN (@ @) |
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| <http://home.comcast.net/~rbethman> |
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| SP-6ØØ/NR Type 159, Heath DX-6Ø, Apache, Mohawk, SX-1Ø1, HT-32A |
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| ( ) ( ) |
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| \_ ) ( _/ |
| ALL E-mail received and sent scanned by AVG |
+-----------------------------------------------------------------+
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[Non-text portions of this message have been removed]

# 2843. Re: [T-368_BC-610] BC-610 Modification pages

Yahoo group: T-368_BC-610
Date: 2006-12-30 19:52:54 UTC
From: w7qho@aol.com
Topic: 2834  Message: 2843

All,

Also, see TM 11-281, pages 91 - 102.

Dennis D. W7QHO
Glendale, CA

********

Original message dated 12/30/06 9:49:41 AM, rbethman@... writes:

> Rick,
>
> Poking around fins the specific pages are in TM 11-826, dated October 1952.
>
> Chapter 4, Auxiliary Equipment, Section I. Frequency Conversion Kit
> MC-509, starting on pages 43 through 46.
>
> Bob - N0DGN
>
> Rick Brashear wrote:
> > Hey Bob,
> > Which TM is that in?
> > Thanks,
> > Rick
> >
> > Rbethman wrote:
> >>
> >> For those following OR having interest in the 160 meter modification
> >> pages from the TM:
> >>
> >> I've placed the three pages on my site.
> >>
> >> The largest of the three is about 500KB!
> >>
> >> Read the pages THOROUGHLY. Damage to the RF deck CAN occur!
> >>
> >> Bob - N0DGN
>

[Non-text portions of this message have been removed]

# 2844. Re: [Milsurplus] Extra Class AM Window 3685 KC

Yahoo group: T-368_BC-610
Date: 2007-01-04 22:10:14 UTC
From: Joe Foley
Topic: 2844  Message: 2844

--- John Page <k4kwm@...> wrote:

> Looks like I will have to try and fire up the T368-C
> a lot more. Its awful
> tough to copy SSB through 500 watts of AM. John
>
> John Page K4KWM
> Hollow State since 1953
> (ex W8PKU,N8BLB,NA8O)
>
>
>
>
> >From: "Todd, KA1KAQ" <ka1kaq@...>
> >To: "David Stinson" <arc5@...>
> >CC: Milsurplus Radios <milsurplus@...>
> >Subject: Re: [Milsurplus] Extra Class AM Window
> 3685 KC
> >Date: Thu, 4 Jan 2007 11:29:22 -0500
> >
> >On 1/4/07, David Stinson <arc5@...>
> wrote:
> >
> >>It's about to get very crowded there.
> >>I don't know about the northeast, but the "mode
> police"
> >>squeeze us down here with an SSB group on 3878 and
> >>a new SSB group that's decided they like 3895 just
> fine,
> >>when they aren't making themselves comfortable on
> 3890
> >>and even 3885.
> >
> >Yes, I've heard the dilemma you have down in 4 and
> (to a lesser
> >degree) 5 Land with these few troublemakers. It
> makes me cringe since
> >I'll be moving to Florida later this year. Some
> have told me that 'the
> >SSB stations won't let us operate' which seems like
> nonsense to me.
> >Get a few strong stations, get on the air, use
> different frequencies,
> >and operate. We have SSBers in 2 and 8 Land who
> think they own 75 and

> >80 meters too - the AM community just doesn't
> agree.
> >
> >The good thing about up this way is that we have a
> large group, many
> >of whom have big rigs from BC-610s and T-368s to
> converted broadcast
> >transmitters. Globe Kings, Johnson 500s, and so on.
> The problem is
> >getting folks on the air regularly. More and more
> it seems like the
> >majority need to be led to operate, by a net or
> some special event. If
> >25% of the guys who check into the Collins net 'for
> the numbers' would
> >get on a few times a week, it would make all the
> difference. Instead
> >it seems like folks want to get on long enough to
> tell everyone what
> >they have for gear, then disappear.
> >
> >>This isn't going to get better. We're going to
> need
> >>a window on the low end, and soon.
> >>I don't say abandon the traditional window.
> >>But we better accept that the "gentleman's
> agreement"
> >>is lacking in SSB "gentleman," and if we want to
> use
> >>our rigs we need a refuge from the barbarians.
> >
> >You just hit the nail on the head, Dave.
> Unfortunately, setting up a
> >new window or small group of frequencies just puts
> a target on our
> >backs for the problem children to zero in on. Most
> of the folks I've
> >spoken with agree that we need an area of the band
> where folks can
> >look for activity, but also that we need to make
> use of any open spot
> >we find and are licensed to use. As you pointed out
> with your remarks,
> >the "gentleman's agreement" only works if all
> parties comply, and only
> >one side has been consistent over the years. With
> more folks coming
> >back to AM through vintage gear, Class E, and
> better plastic radios,
> >the best thing we can do is re-learn how to spin

> the dial to find
> >activity. If you find none, throw out a CQ. More
> often than not, folks
> >are sitting out there listening. Last night seems
> to have been the
> >exception.
> >
> >Tune up, Tune in, Enjoy. The only thing stopping us
> is 'us'.
> >
> >~ Todd, KA1KAQ
>
>_____
> >Milsurplus mailing list
> >Home:
> http://mailman.qth.net/mailman/listinfo/milsurplus
> >Help: http://mailman.qth.net/mmfaq.htm
> >Post: mailto:Milsurplus@...
>
>

_____
> Get FREE Web site and company branded e-mail from
> Microsoft Office Live
>
http://clk.atdmt.com/MRT/go/mcrssaub0050001411mrt/direct/01/
>
>

_____
> Milsurplus mailing list
> Home:
> http://mailman.qth.net/mailman/listinfo/milsurplus
> Help: http://mailman.qth.net/mmfaq.htm
> Post: mailto:Milsurplus@...
>

_____
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http://mail.yahoo.com

# 2845. WTD: BC-939A and BC-614-I meters

Yahoo group: T-368_BC-610
Date: 2007-01-08 10:11:45 UTC
From: g3vkm
Topic: 2845  Message: 2845

Hi All,

I'm in the market for a 0-15 Amp RF meter for my BC-939 ATU and I am
also looking for the 0-300ma meter for a BC-614-I Speech Amplifier.
Anyone out there disposing of such itmes?

73 for '07,

Roger/G3VKM - Norfolk, Englamd.

# 2846. WTD: Info/Manual on T-946/GRC-129

Yahoo group: T-368_BC-610
Date: 2007-01-11 20:08:50 UTC
From: John Poulton
Topic: 2846  Message: 2846

Folks,

Just had a visit from Paul Bernhardt KF4FOR from up in Alexandria, who showed me something very interesting: a portion of a T-946/GRC-129 transmitter. The T-946 appears to be a sort of modified T-368, updated for SSB transmission. It was built in the same cabinet, and shared a bunch of common parts with the T-368. There's no modulator, of course. Paul's transmitter was built by Manson Labs and is serial #88.

Paul's transmitter is in pieces and is missing all of it's iron. He would like to restore the transmitter and is in need of:

* Manual or any info on the T-946
* A T-368 power transformer
* A T-368 cabinet
* and/or a T-368 junker with above still on board

If you can help Paul out, please let me know and copy:

bern@...

Thanks, and 73, John K4OZY

--

# 2847. CH-88-A (for SCR-399) available FS

Yahoo group: T-368_BC-610
Date: 2007-01-28 16:08:21 UTC
From: John Poulton
Topic: 2436  Message: 2847

Anyone out there attempting to complete an SCR-299/399 or similar and in need of a CH-88-A spares chest? I happened to run across one of these while picking up some other equipment yesterday. It's finished in gray, appears to be in pretty decent shape, and includes about a dozen BC-610 tuning units. It's located near Brevard, NC, about 35 miles southwest of Asheville.

If you're interested, email me, and I'll put you in touch with the owner, who would entertain any reasonable offer for the chest, pickup only, of course.

As a sweetener, this thing is located along with TONS of other techno-junk of various kinds, all most likely for sale at a very reasonable price. A BC-767, couple of BC-939's, bunch of TTY converters of various types, and lots of other similar stuff. I hauled away a van-load of teletype parts, but there's lots left.. :)

73, John K4OZY

--

# 2848. FS: Signal Corps Green Wrinkle Paint

Yahoo group: T-368_BC-610
Date: 2007-01-28 16:19:36 UTC
From: wa5cab@cs.com
Topic: 2848  Message: 2848

Group,

I know T-368's are gray and BC-610's are black but the generic Milsurplus list is down and I know some members hang out here as well. The rain stopped long enough yesterday for Roadway to deliver some paint to me. 12 oz spray cans, $9.50 for 1 to 3, $8.90 for 4 to 11, $8.50 for 12+. Plus shipping by UPS Ground only which means it can only go CONUS and most of Canada. I tried for two years to figure a way to send it anywhere else but to no avail.

Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2849. T368 Exciter

Yahoo group: T-368_BC-610
Date: 2007-02-15 18:12:06 UTC
From: Ray
Topic: 2849  Message: 2849

Does anyone have a T368 exciter chassis that is in restorable condition available for donation, trade, or sale? ( or similar from T195) I need one for an AM/CW project I have underway.
Ray WA2ZYE

# 2850. Trying to contact PA3HCO regarding BC-939 & BC-610-I meters

Yahoo group: T-368_BC-610
Date: 2007-02-15 22:23:05 UTC
From: g3vkm
Topic: 2850  Message: 2850

Hi,

If PA3HCO is on the group, I got your message OK about the BC-939 and BC-614-I meters but I'm unsure if you got my direct response, so I'm posting here too.

I still the need both of the meters, if you can help please contact me direct on my home address, see QRZ.com.

73,

Roger Basford, G3VKM - Norfolk, England.

# 2851. BC-610-E Modulation transformer bolts

Yahoo group: T-368_BC-610
Date: 2007-02-28 07:35:07 UTC
From: g3vkm
Topic: 2851  Message: 2851

Hi All,

Finally, I have started on cleaning up my BC-610-E and checking out parts prior to a rebuild. The first step was to break the TX down to its three chassis. I removed the modulation transformer to clean it and also to make the lifting of the chassis an easier task. In doing so I noticed that the transformer was bolted down with brass nuts and bolts and that all four of the bolts have signs of wear in the area where they pass through the chassis. In all cases about 25% of the diameter of the bolt has worn away.

Should the transformer mounting have rubber washers or bushes fitted to reduce vibration? Also, has anyone else seen such wear, as I'm concerned that the transformer may have been overdriven and vibrated excessively?

Any advice appreciated.

73,

Roger Basford/G3VKM

# 2852. Re: [T-368_BC-610] BC-610-E Modulation transformer bolts

Yahoo group: T-368_BC-610
Date: 2007-02-28 14:53:18 UTC
From: Rick Brashear
Topic: 2851  Message: 2852

Hi Roger,

I don't remember my "E" model mod tranny having brass mounting bolts, but I do know it has some serious talking back issues thus causing some serious vibration. I'm assuming you have the stock open frame type transformer instead of the potted type used in later models. The one thing I did that helped the "talk back" problem a little was to tighten all of the hardware holding the transformer together as tight as possible. I hadn't thought of using rubber mounts, but that may be a good idea.

Good luck and be careful lifting that monster!

73,
Rick/K5IZ

g3vkm wrote:

> Hi All,
>
> Finally, I have started on cleaning up my BC-610-E and checking out
> parts prior to a rebuild. The first step was to break the TX down to
> its three chassis. I removed the modulation transformer to clean it
> and also to make the lifting of the chassis an easier task. In doing
> so I noticed that the transformer was bolted down with brass nuts and
> bolts and that all four of the bolts have signs of wear in the area
> where they pass through the chassis. In all cases about 25% of the
> diameter of the bolt has worn away.
>
> Should the transformer mounting have rubber washers or bushes fitted
> to reduce vibration? Also, has anyone else seen such wear, as I'm
> concerned that the transformer may have been overdriven and vibrated
> excessively?
>
> Any advice appreciated.
>
> 73,
>
> Roger Basford/G3VKM
>
>

[Non-text portions of this message have been removed]

# 2853. 6000 Tubes

Yahoo group: T-368_BC-610
Date: 2007-03-13 02:10:03 UTC
From: Keith Densmore
Topic: 2853  Message: 2853

Greetings
The T-368 manual says maximum driver current should be no more than 70 ma. or early tube failure will result. My transmitter draws about 75 mils and that does not give me a good feeling. What kind of plate current is average for this tube?
As a precaution, does anyone on the list have a spare NOS 6000 to part with?
Also I still need one cap screw (The large allen headed screws that secure the modules to the case.)
Thanks all,
73, Keith, ve3ts

[Non-text portions of this message have been removed]

# 2854. RE: [T-368_BC-610] 6000 Tubes

Yahoo group: T-368_BC-610
Date: 2007-03-13 03:55:30 UTC
From: Dave Bock
Topic: 2853  Message: 2854

Keith,

Mine pulls about 55 ma on the E model and about 50 ma on the F. I am down to one spare 6000 having just let one go last week. Check the screen resistor. May need to be raised a bit if it has drifted down in resistance. Just a thought. Others may have other ideas. While I have not tried it myself, some folks report good results with an inexpensive 25 volt replacement tube found elsewhere in this forum.

Dave WA6PRL
-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]On Behalf Of Keith Densmore
Sent: Monday, March 12, 2007 10:10 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] 6000 Tubes

Greetings
The T-368 manual says maximum driver current should be no more than 70 ma. or early tube failure will result. My transmitter draws about 75 mils and that does not give me a good feeling. What kind of plate current is average for this tube?
As a precaution, does anyone on the list have a spare NOS 6000 to part with?
Also I still need one cap screw (The large allen headed screws that secure the modules to the case.)
Thanks all,
73, Keith, ve3ts

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 2855. Re: [T-368_BC-610] 6000 Tubes

Yahoo group: T-368_BC-610
Date: 2007-03-13 06:30:21 UTC
From: w7qho@aol.com
Topic: 2853  Message: 2855

In a message dated 3/12/07 9:36:25 PM, bock@... writes:

> While I have not tried it
> myself, some folks report good results with an inexpensive 25 volt
> replacement tube found elsewhere in this forum.
>

All,

The following originally posted 2-5-01

"The 25AV5 TV tube works well as a substitute for the 6000. Same pin-out as the 6000 but don't just plug it straight in because the plate current will be too high. The screen circuit must be modified by replacing R120 (the original screen dropping resistor) with a 15K 10W unit and adding a 25K ww pot to ground. The screen is then fed from the arm on the pot which I mounted on a bracket behind the front panel. Adjusting the pot for 25 - 30 ma driver plate current gives 10-12 ma drive to the 4-400 on all bands.

I modified my Basic as above several years ago when 6000s were very hard to find, and have been using it regularly with the original 25AV5 in place ever since."

25AV5s go for about $7 last time I checked.

Original AV5 still going strong (3/12/07).

Dennis D. W7QHO
Glendale, CA

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[Non-text portions of this message have been removed]

# 2856. OUTBOARD POWER SUPPLY T-368 EXCITER/VFO

Yahoo group: T-368_BC-610
Date: 2007-03-19 01:12:00 UTC
From: W6PSS@aol.com
Topic: 2856  Message: 2856

Gentlemen:

Recently, Dennis Du Vall W7QHO wrote up a splendid hint on substituting a 12AV5 for the 6000 output tube in the T-368 EXCITER/VFO. Since then I've considered building a power supply for my exciter that I can use as a utililty VFO for any of my rigs. Then last night I heard my friend K7YOO way down the band but alas, no crystal this end.

Please, anyone who can help, kindly provide pin assignments for the multi-pin Amphenol plug/jack. If you've built an outboard power supply, I could design my power supply to utilize your pin assignments - this rather than the standard assignments that conform to the mother transmitter needs. I'll take what I can get of course. Thank you all in advance. And, thank you too Mr. Webmaster for what you do regarding this service.
73,
David
W6PSS

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[Non-text portions of this message have been removed]

# 2857. OUTBOARD POWER SUPPLY FOR MY T-368 VFO EXCITER

Yahoo group: T-368_BC-610
Date: 2007-03-19 17:42:26 UTC
From: W6PSS@aol.com
Topic: 2857  Message: 2857

Gentlemen:

Take no further action to supply me the pin assignments for the Amphenol connector plug for the T-368 VFO/Exciter. I traced out appropriate terminations last night. Thanks to those
who were about to reply and to Mesa George W8QBG and the webMaster.
73,
david

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[Non-text portions of this message have been removed]

# 2858. Fwd: Collins T-368

Yahoo group: T-368_BC-610
Date: 2007-03-22 07:41:05 UTC
From: w7qho@aol.com
Topic: 2858  Message: 2858

Guys,

See below, Anyone have a lead on a spare T-368 speech amp?

Dennis D. W7QHO
Glendale, CA

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[Non-text portions of this message have been removed]

# 2859. RE: [T-368_BC-610] Fwd: Collins T-368

Yahoo group: T-368_BC-610
Date: 2007-03-22 12:44:27 UTC
From: Tom Mackie
Topic: 2858  Message: 2859

I gave a SA chassis to Bruce W1UJR a few years back. You may want to
contact him and see if he ever did anything with it.

73

Tom

W2ILA

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
On Behalf Of w7qho@...
Sent: Thursday, March 22, 2007 3:41 AM
To: Milsurplus@...; T-368_BC-610@yahoogroups.com
Cc: oe6fog@...
Subject: [T-368_BC-610] Fwd: Collins T-368

Guys,

See below, Anyone have a lead on a spare T-368 speech amp?

Dennis D. W7QHO
Glendale, CA

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<http://www.aol.com.>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 2860. Re: [T-368_BC-610] Fwd: Collins T-368

Yahoo group: T-368_BC-610
Date: 2007-03-22 13:46:43 UTC
From: Todd, KA1KAQ
Topic: 2858  Message: 2860

I think most of his T-3 stuff is still stored in Booffalo, from what he told me.
He has mentioned downsizing recently, so I bet he'd be happy to help out.

~ Todd, KA1KAQ

On 3/22/07, Tom Mackie <tom_mackie@...> wrote:
>
> I gave a SA chassis to Bruce W1UJR a few years back. You may want to
> contact him and see if he ever did anything with it.
>
> 73
>
> Tom
>
> W2ILA
>
>
>

[Non-text portions of this message have been removed]

# 2861. Near-fest!

Yahoo group: T-368_BC-610
Date: 2007-03-26 02:25:20 UTC
From: redmenaced
Topic: 2861  Message: 2861

http://www.near-fest.com/

Jorge, you're in! And welcome.

Joe

# 2862. BC-610-E Tuning Cards

Yahoo group: T-368_BC-610
Date: 2007-03-26 17:02:11 UTC
From: g3vkm
Topic: 2862  Message: 2862

Hi,

I wonder if some kind soul on the group would let me have scans of the tuning cards that live in the pocket on the front of the BC-610? My cards are a full set but they are in poor condition and are best put away in dry storage. I know there are tuning charts in the manuals but I'd prefer a scan of the original cards.

TIA,

Roger Basford/G3VKM

Roger(at)new-gate.co.uk

# 2863. BC-610-D(?) in estate sale

Yahoo group: T-368_BC-610
Date: 2007-03-28 07:07:41 UTC
From: g3vkm
Topic: 2863  Message: 2863

Hi All,

Estate sale spotted on another list, has a BC-610-D or earlier model:-

Go to http://www.njauctions.net/
Scroll down about half-way down the page for details and pictures.

Also a bunch of DX-100s for the Heathkit collector.

73,

Roger/G3VKM

[Non-text portions of this message have been removed]

# 2864. Wow!

Yahoo group: T-368_BC-610
Date: 2007-03-30 15:55:29 UTC
From: Keith Densmore
Topic: 2864  Message: 2864

I guess I've been out of the loop too long. Does this mean my transmitter is worth 20K??

Item no 200094579582

73,
Keith, ve3ts

[Non-text portions of this message have been removed]

# 2865. Re: [T-368_BC-610] Wow!

Yahoo group: T-368_BC-610
Date: 2007-03-30 16:26:52 UTC
From: james1787@aol.com
Topic: 2864  Message: 2865

Heh, maybe if it was still in it's original shipping crate or was
plated in gold?

-----Original Message-----
From: densmore@...
To: T-368_BC-610@yahoogroups.com
Sent: Fri, 30 Mar 2007 11:55 AM
Subject: [T-368_BC-610] Wow!

I guess I've been out of the loop too long. Does this mean my
transmitter is
worth 20K??

Item no 200094579582

73,
Keith, ve3ts

[Non-text portions of this message have been removed]

Yahoo! Groups Links

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# 2866. Re: [T-368_BC-610] Wow!

Yahoo group: T-368_BC-610
Date: 2007-03-30 17:26:52 UTC
From: D Platt
Topic: 2864  Message: 2866

If the 939 is worth a Kilo-Buck, then my TAC-1's must be worth at least $2K!!!

[Non-text portions of this message have been removed]

# 2867. RE: [T-368_BC-610] Wow!

Yahoo group: T-368_BC-610
Date: 2007-03-30 21:20:26 UTC
From: Trevor
Topic: 2864  Message: 2867

Holy Profuse Expletives Deleted, Batman!

Unless the seller is merely taking an exceedingly optimistic fly at whether the Barnum Effect is this strong, it'll be interesting to see what actually happens to this.

I used to have 2 of these tuners, both in nice shape, sold one about 5 years ago because I figured I needed only 1 to go with my T-368E. I sold that one for five times what I'd paid when I lugged it home from a hamfest 15 years ago and the seller there had told me that I was the only person there who seemed to have the foggiest idea what it was for, or to show any interest in it. It was complete and nice except for a big dent in the side of the cover which wouldn't have been rocket science to fully correct.

I've kept my remaining tuner not so much because I figure I'll actually ever likely have it in the circuit between the T-3 and the antenna (unless I try it out for curious grins) as that it seems worthwhile to keep/preserve a somewhat more complete set of the original associated equipment.

But if these have suddenly become made of unobtanium that fetches a price remotely near what this guy is thinking, then I'll be happy to sell my fully intact, unmodified, 100% functional unit on the spot for $100 less than this guy is asking for his buy-it-now price :-) Funds will go towards my efforts to acuire, preserve, and eventually use other worthy historic iron of one sort or another before any of that becomes even further out of my reach.

If only I'd had lots of silly money in the early 80s and a clean barn to put things in and a confidence that someone other than me (then too young to shave) would develop a liking for quality vacuum tube electronics (at the time I lived in the shadow of Bell Labs and Fort Monmouth where plenty of the stuff was around, often cheap or free), I'd probably be in a position to retire now. Like the pristine

Hallicrafters Hurricane SR2000 with matching VFO that
I could've bought for $200. Oh yeah, and the
1 owner 1966 Mustang 289 V8 4spd with only 60K for
$1500....

I guess at least I have my personal R-390A that I am
only the second owner of (and the first wasn't
Uncle Sam) and that I bought for less than you could
probably buy a parts carcass specimen
for now. I guess it's good, too, if these prices and
trends hold, that it also happens to be in a
secure space.

73
de KD1YT

------- Original Message -------
From : Keith Densmore[mailto:densmore@...]
Sent : 3/30/2007 11:55:29 AM
To : T-368_BC-610@yahoogroups.com
Cc :
Subject : RE: [T-368_BC-610] Wow!

I guess I've been out of the loop too long. Does
this mean my transmitter is worth 20K??

Item no 200094579582

73,
Keith, ve3ts

[Non-text portions of this message have been removed]

# 2868. RE: [T-368_BC-610] BC-610-D(?) in estate sale

Yahoo group: T-368_BC-610
Date: 2007-03-29 14:12:40 UTC
From: Tom Mackie
Topic: 2863  Message: 2868

I believe it's an HT-4. Last used 7 years ago. Has been sitting unused since.

Hopefully someone will get it on the air.

73

Tom

W2ILA

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of g3vkm
Sent: Wednesday, March 28, 2007 3:08 AM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] BC-610-D(?) in estate sale

Hi All,

Estate sale spotted on another list, has a BC-610-D or earlier model:-

Go to http://www.njauctions.net/ <http://www.njauctions.net/>
Scroll down about half-way down the page for details and pictures.

Also a bunch of DX-100s for the Heathkit collector.

73,

Roger/G3VKM

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 2869. Re: [T-368_BC-610] BC-610-D(?) in estate sale

Yahoo group: T-368_BC-610
Date: 2007-03-31 01:34:29 UTC
From: D Platt
Topic: 2863  Message: 2869

Hmmmm? Looks like one one the more colorful individuals on 75 meters is, perhaps, QRT. Over the past number of years I've never heard him using a BC-610, only a DX-100. No idea if this one actually works or not? Irv's call is W2VJZ. Irv was (?) noted for his "unique" political dialog and of his comings and goings with the local government authorities. If any of you ever heard him, his signal was always replete with wind chimes or something...?

>
>

[Non-text portions of this message have been removed]

# 2870. RE: Re: [T-368_BC-610] BC-610-D(?) in estate sale

Yahoo group: T-368_BC-610
Date: 2007-03-31 01:44:35 UTC
From: Trevor
Topic: 2863  Message: 2870

You mean Irb (that's how he spelled it if I recall correctly; he was always quick to point it out).

I spoke with him sometimes on 75 when I was using my ART-13 (that I now wish I hadn't sold) during the late 80s and early 90s. To be more precise, I should say that I spoke with him until such time as I realized that it was impossible to carry on a conversation that didn't unendingly swiftly revert to his monologuish fixation on his own interpretation of what was unwrittenly-written into __The__ __Constitution__. It's not that I universally disagreed with him (although I certainly did not always agree with him). It just became a predictable bore and chore.

------- Original Message -------
From : D Platt[mailto:jeepp@...]
Sent : 3/30/2007 9:34:29 PM
To :
Cc : T-368_BC-610@yahoogroups.com
Subject : RE: Re: [T-368_BC-610] BC-610-D(?) in estate sale

Hmmmm? Looks like one one the more colorful individuals on 75 meters
is, perhaps, QRT. Over the past number of years I've never heard him
using a BC-610, only a DX-100. No idea if this one actually works or
not? Irv's call is W2VJZ. Irv was (?) noted for his "unique"
political dialog and of his comings and goings with the local government
authorities. If any of you ever heard him, his signal was always
replete with wind chimes or something...?

>
>

[Non-text portions of this message have been removed]

# 2871. Re: [T-368_BC-610] BC-610-D(?) in estate sale

Yahoo group: T-368_BC-610
Date: 2007-03-31 11:31:28 UTC
From: james1787@aol.com
Topic: 2863  Message: 2871

Wow, that isn't far at all from me.. I live maybe 20 mins away from there. I would be a dead man if I ever came home with that. One is plenty enough! I'm guessing you don't see as many civilian HT4B's out there as you do see BC-610's..

-----Original Message-----
From: kd1yt@...
To: jeepp@...
Cc: T-368_BC-610@yahoogroups.com
Sent: Fri, 30 Mar 2007 9:44 PM
Subject: RE: Re: [T-368_BC-610] BC-610-D(?) in estate sale

You mean Irb (that's how he spelled it if I recall correctly; he was always quick to point it out).

I spoke with him sometimes on 75 when I was using my ART-13 (that I now wish I hadn't sold) during the late 80s and early 90s. To be more precise, I should say that I spoke with him until such time as I realized that it was impossible to carry on a conversation that didn't unendingly swiftly revert to his monologuish fixation on his own interpretation of what was unwrittenly-written into __The__ __Constitution__. It's not that I universally disagreed with him (although I certainly did not always agree with him). It just became a predictable bore and chore.

------- Original Message -------
From : D Platt[mailto:jeepp@...]
Sent : 3/30/2007 9:34:29 PM
To :
Cc : T-368_BC-610@yahoogroups.com
Subject : RE: Re: [T-368_BC-610] BC-610-D(?) in estate sale

Hmmmm? Looks like one one the more colorful individuals on 75 meters
is, perhaps, QRT. Over the past number of years I've never heard him
using a BC-610, only a DX-100. No idea if this one actually works or
not? Irv's call is W2VJZ. Irv was (?) noted for his "unique"
political dialog and of his comings and goings with the local government

authorities. If any of you ever heard him, his
signal was always
replete with wind chimes or something...?

>
>

[Non-text portions of this message have been removed]

Yahoo! Groups Links

---

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from AOL at AOL.com.

# 2872. Estate Auction

Yahoo group: T-368_BC-610
Date: 2007-03-31 19:25:33 UTC
From: Ray
Topic: 2872  Message: 2872

Looking at the pile of debris, a lot of it is interesting, so I have already reserved the date and hopefully will need a U-Haul truck to drag the booty home. Unfortunately, a lot can't be told from the pictures.

# 2873. BC-610-E available near Vancouver

Yahoo group: T-368_BC-610
Date: 2007-04-02 00:47:01 UTC
From: wa5cab@cs.com
Topic: 2873  Message: 2873

A friend in North Vancouver says he has a "fixer upper" BC-610-E with BC-614-E, BC-939, tubes, tuning units and coils. I don't have any details or know what needs to be done to it. If anyone is interested, contact me and I'll put you in touch.

Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2874. tac

Yahoo group: T-368_BC-610
Date: 2007-04-03 19:53:55 UTC
From: pa3hco
Topic: 2874  Message: 2874

hi all
i am looking for the meters for the ATU model 1 from TAC
it is the model 341-t use with 14mv-5.5ma thermocouple
i am using it now, but whith no meters
WHO CAN HELP ME
pa3hco

# 2875. mil truck question

Yahoo group: T-368_BC-610
Date: 2007-04-04 22:40:04 UTC
From: Trevor
Topic: 2875  Message: 2875

Hello T-3/ Beastly 610 enthusiasts.

I recall that some of you, in addition to a fondness of and ownership of RF-creating vintage iron, also have knowledge of (and know others with) large green internal combustion powered green iron with wheels (Joe, would you mind forwarding this to the mil-gensets list, and any of you, feel free to forward to any of the mil-vehicle lists, etc., you are on).

For the first time in almost 20 years, I stooped to practicality and am not driving a truck as my one and only personal vehicle. This is a good thing for monthly bills for basic transportation. But I can tell I will want a truck, and now am at liberty (maybe) to acquire a truck that needs make no pretense at practicality as one-and-only vehicle to drive to work, the store, or put my kid in: Solid axle 4X4, manual locking everything, all leaf spring, who cares about whether it came with a heater... Bigger than a Jeep, smaller than a Deuce. Affordable to a guy who went through a divorce, has a kid, works for a living, and has no trust fund or other inheritance.

I have no hesitancy to take on something that needs some work on things like carburetion or wiring or moderate mechanical work (maybe even missing an engine as long as I can get it home and the rest of it is really truly worth the bother), but I have learned the hard way in the past that certain things like significant rust or vehicles that have been beaten on senselessly, or bubble-gummed with botched 'fixes' turn into only one thing-- good time and money after bad.

I could care less what bad combo of color or colors it is now as long as it's all relatively unbent, un-holy real metal, and not Bondo.

Needs to be somewhere where I could get it home (VT) without unusual means or extraordinary expense.

I know I may be dreaming in the hoped-for combo of something that is both (a) affordable; (b) not in some utterly far off corner of the continent; and (c) won't fall in the British Sportscar category of requiring 20 hours of work prior to each hour of running (OK, actually lots of hours up front is even very OK if the basics are intact and sound and solid enough that I will have something to show for it and that will run relatively well, relatively trouble free, later).

But I also know that if you never ask, you never know.

I am hoping that maybe there's a lonely M-37 or something similar out there with an owner (or watcher-over) who'd rather see it go to a home of a fellow appreciator where it will be under a barn roof and gradually be used and cared for (but not parade-restored or Ebayed) instead of either being parted or purveyed for top dollar or left to fade away. Other suggested candidate type vehicles considered

please forward any leads (!! or advice on what or who I should avoid dealing with !!) to kd1yt@...

Thanks

Trevor

# 2876. 20 amp fuse wire?

Yahoo group: T-368_BC-610
Date: 2007-04-07 09:46:21 UTC
From: g3vkm
Topic: 2876  Message: 2876

Hi All,

When I bought my BC-610-E, it came with a lot of the screw-in heavy-duty fuses for the front panel. Unfortunately, there are no 20 amp versions but there are some 15 amp types that could be modified by replacing the fuse wire. In the UK, 20 amp fuse wire seems to be unavailable, domestic types are 5, 15 and 30 amps for 230 volt supplies. My question is, is 20 amp, 115 volt fuse wire easily available in the US and could anyone give me a source that will ship abroad?

Wire suppliers over here do give fusing current values for tinned copper wire but again there is nothing available in 20 amp rating, 17 amps is the nearest. I did try the copper wire table in the 1995 ARRL Handbook but couldn't see any fusing (melting) values there.

TIA,

Roger Basford/G3VKM

# 2877. T-368 Front panel lettering

Yahoo group: T-368_BC-610
Date: 2007-04-07 16:16:54 UTC
From: David Edwards
Topic: 2877  Message: 2877

Question regarding T-368
Does anyone know the history behind some front panels being engraved and others being lettered using a stencil?
Wondering if the "rebuilt at depot" got a thick coat of paint and stenciled over, or if some manufacturers stenciled rather then engrave.

thanks
de

[Non-text portions of this message have been removed]

# 2878. BC-610

Yahoo group: T-368_BC-610
Date: 2007-04-07 20:08:19 UTC
From: bob mccully
Topic: 2877  Message: 2878

Does anyone know of a listing as to what models were made and year of production? Thanks,
Bob AB8OP

---
TV dinner still cooling?
Check out "Tonight's Picks" on Yahoo! TV.

[Non-text portions of this message have been removed]

# 2879. BC-610 Registry

Yahoo group: T-368_BC-610
Date: 2007-04-07 20:54:19 UTC
From: RBethman
Topic: 2877  Message: 2879

Bob,

Take a look at:

<http://www.w9amr.com/610reg/index.htm>

Contract numbers AND dates of contract are listed when known

Bob - N0DGN

Owner of two

# 2880. T-368/E for sale

Yahoo group: T-368_BC-610
Date: 2007-04-07 22:27:56 UTC
From: Walter Wilson
Topic: 2880  Message: 2880

I have a T-368 model E for sale. I'm in Augusta, GA. Pics on my website, and more available by email. http://r-390a.us/T368.htm

Inquire at wewilsonjr at gmail dot com for further info.

# 2881. RE: [T-368_BC-610] T-368 Front panel lettering

Yahoo group: T-368_BC-610
Date: 2007-04-08 01:24:00 UTC
From: Trevor
Topic: 2877  Message: 2881

I am pretty sure that the engraved vs stenciled
varied by manufacturer, sub-model, or even batch, and
am almost certain that the variation was not by
whether they were rebuilt at Depot.

My B&W-made "E" which was overhauled at Pirmassens
Army Depot before going to Fair Radio, then one ham
in Canada who became an SK, then a wing-nut dealer
(the infamous Luc), then to my QTH (and I am fairly
highly confident that the decks are the same ones
that came out of the depot refurb) has at least one
engraved deck (audio/ Modulator)(which looks the
oldest of the 3 decks) but the RF deck is not
engraved. My guess is that the later variations
skipped the engraving as a cost saving measure.

73
Trevor
KD1YT

------- Original Message -------
From : David Edwards[mailto:wb1s@...]
Sent : 4/7/2007 12:16:54 PM
To : T-368_BC-610@yahoogroups.com
Cc :
Subject : RE: [T-368_BC-610] T-368 Front panel lettering

Question regarding T-368
Does anyone know the history behind some front panels
being engraved and others being lettered using a stencil?
Wondering if the "rebuilt at depot" got a thick coat
of paint and stenciled over, or if some manufacturers
stenciled rather then engrave.

thanks
de

[Non-text portions of this message have been removed]

# 2882. remind me where the article on the LM/BC freq meters' top secret role is

Yahoo group: T-368_BC-610
Date: 2007-04-11 00:51:13 UTC
From: Trevor
Topic: 2882  Message: 2882

Hello all-- please excuse the OT question, but I figure someone here is sure to know or give me
usegful tips. Somewhere in the last 10 years I ran across an interesting article (not sure if it
was paper or virtual) that detailed how the LM/ BC-221 frequency meters were designed, including
the development of the automated machines that printed out the unique calibration books for each
individual meter-- and the role that this precision and innovation played in the Allies' success
over fascism in WWII, how it was top secret, etc.

I've tried Google with no luck.

I have several excess LMs and one BC221 that I really simply like having around because they're
such intriguing units, and when houseguests wonder what they are (or maybe I'll bring one to the
office), it'd be fun to share the article.

Thanks & 73
Trevor
kd1yt

# 2883. Re: T-368/E for sale (SOLD)

Yahoo group: T-368_BC-610
Date: 2007-04-11 01:46:35 UTC
From: Walter Wilson
Topic: 2880  Message: 2883

The T3 is sold. Thanks.

--- In T-368_BC-610@yahoogroups.com, "Walter Wilson" <kk4df@...> wrote:
>
> I have a T-368 model E for sale. I'm in Augusta, GA. Pics on my
> website, and more available by email. http://r-390a.us/T368.htm
>
> Inquire at wewilsonjr at gmail dot com for further info.
>

# 2884. Interlocks

Yahoo group: T-368_BC-610
Date: 2007-04-16 22:37:26 UTC
From: Tom Mackie
Topic: 93  Message: 2884

I am looking for an interlock for a T-368. I have the round spring loaded widget so I only need the socket which has the wire connections.

Let me know if you have a spare.

73

Tom

W2ILA

[Non-text portions of this message have been removed]

# 2885. NEW E-MAIL ADDRESS FOR CHARLIE

Yahoo group: T-368_BC-610
Date: 2007-04-21 04:41:40 UTC
From: Charlie's Place
Topic: 2885  Message: 2885

chaseast@...

Thanks

He prayeth well,who loveth well,Both man and Bird and Beast.....

The notion that a radical is one who hates his

country is naive and usually idiotic. He is , more

likely, one who likes his country more than the rest

of us, and is thus more disturbed than the rest of us

when he sees it debauched. He is not a bad citizen

turning to crime ; he is a good citizen driven to

despair.--H. L Mencken

---
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# 2886. Re: [T-368_BC-610] NEW E-MAIL ADDRESS FOR CHARLIE

Yahoo group: T-368_BC-610
Date: 2007-04-21 16:51:14 UTC
From: george portell
Topic: 2885  Message: 2886

SAY WHAT!!! WHAT`S HE SMOKIN? SOUND`S LIKE A LOT oF
GARBAGE! BRO GEO!.
--- Charlie's Place <chas_east@...> wrote:

>
>
> chaseast@...
>
> Thanks
>
> He prayeth well,who loveth well,Both man and Bird
> and Beast.........
>
> The notion that a radical is one who hates his
>
> country is naive and usually idiotic. He is , more
>
> likely, one who likes his country more than the rest
>
> of us, and is thus more disturbed than the rest of
> us
>
> when he sees it debauched. He is not a bad citizen
>
> turning to crime ; he is a good citizen driven to
>
> despair.--H. L Mencken
>
>
> _____
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>

_____
Do You Yahoo!?
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# 2887. Forwarded to the group - sent direct to me

Yahoo group: T-368_BC-610
Date: 2007-04-24 18:24:12 UTC
From: rbethman
Topic: 2887  Message: 2887

Hello,looking for contacts with other BC610 owners,my is in working condition with slight mods prefer making CW on 40 mostly.

73 Peter DK6KT

He also sent two beautiful picture of his station.

I'll post them on my site.

Bob - N0DGN

# 2888. British BC-610-E finally fired up!

Yahoo group: T-368_BC-610
Date: 2007-04-28 17:29:16 UTC
From: g3vkm
Topic: 2888  Message: 2888

Hi All,

Finally got power on my '610-E today and apart from a 100TH flashing over and tripping the breaker it came up without too many fireworks. I still have a few problems, like no modulation from the BC-614-E and the JB-70-A not switching to transmit but I think these are problems caused by some modified wiring in the control circuits.

As far as I know, there's only my '610-E and another in G4GEN's SCR-399 truck that are anywhere near complete and working in the UK. I hope to get on the air in the next few days, at least on CW. My original plan after acquiring the TX in December 2005 was to be operational by summer of 2006, so I'm well behind schedule!

Thanks to those on the group who have offered advice, encouragement and spare parts from the States and Europe! There's a photo on the web site at

http://ph.groups.yahoo.com/group/T-368_BC-610/photos/view/46e6?b=1

I'll keep the group informed of further progress, as and when.

73 es TU,

Roger Basford/G3VKM - Norfolk, England.

# 2889. RE: [T-368_BC-610] British BC-610-E finally fired up!

Yahoo group: T-368_BC-610
Date: 2007-04-28 18:11:05 UTC
From: Rick Brashear
Topic: 2888  Message: 2889

Congratulations, Roger! I know you're going to love operating the 610-E. Let me know how the modulation goes. I am still have feedback problems with mine.

73'
Rick/K5IZ

Hi All,

Finally got power on my '610-E today and apart from a 100TH flashing over and tripping the breaker it came up without too many fireworks. I still have a few problems, like no modulation from the BC-614-E and the JB-70-A not switching to transmit but I think these are problems caused by some modified wiring in the control circuits.

As far as I know, there's only my '610-E and another in G4GEN's SCR-399 truck that are anywhere near complete and working in the UK. I hope to get on the air in the next few days, at least on CW. My original plan after acquiring the TX in December 2005 was to be operational by summer of 2006, so I'm well behind schedule!

Thanks to those on the group who have offered advice, encouragement and spare parts from the States and Europe! There's a photo on the web site at

http://ph.groups.
<http://ph.groups.yahoo.com/group/T-368_BC-610/photos/view/46e6?b=1>
yahoo.com/group/T-368_BC-610/photos/view/46e6?b=1

I'll keep the group informed of further progress, as and when.

73 es TU,

Roger Basford/G3VKM - Norfolk, England.

[Non-text portions of this message have been removed]

# 2890. WTD: TU-54 tuning unit for BC-610

Yahoo group: T-368_BC-610
Date: 2007-04-29 13:28:48 UTC
From: g3vkm
Topic: 2890  Message: 2890

Hi All,

Sorting through my collection of BC-610 tuning units and coils, I notice I'm missing a TU-54, the one for 20 metres. Anyone have one for sale/swap? I have several as-new, Italian-made, TU-52 units (40 metres) and a lot of coils for various ranges some NIB, sorry no Top Band but do have the 2-3.4 Mc coils.

TIA,

Roger Basford/G3VKM - Norfolk, England.

# 2891. Forwarded to the group - sent direct to me - looking for help/parts

Yahoo group: T-368_BC-610
Date: 2007-04-29 21:28:16 UTC
From: rbethman
Topic: 2891  Message: 2891

Hello,but thats not the whole truth,I have two BC610 one E and the other I, E is "on the air" and I is in work,hope to finish it this year.looking for transformer 1 (bias for the E 2x500V ,5V,2.5V) have made a substitute but want to have an original,can You help?

73 Peter DK6KT

---

*Von:* rbethman
*Gesendet:* 24.04.07 20:24:11
*An:* BC-610 RELECTOR
*Betreff:* Forwarded to the group - sent direct to me

Hello,looking for contacts with other BC610 owners,my is in working condition with slight mods prefer making CW on 40 mostly.

73 Peter DK6KT

# 2892. Re: AHARC May Meeting - Election of Officers

Yahoo group: T-368_BC-610
Date: 2007-04-30 00:47:59 UTC
From: Joe Foley
Topic: 2892  Message: 2892

I know this won't be of interest to everyone, probably
not to many, but if it is useful to anyone it will be
worth it.

Joe

--- "Alan W. Myers/Susan F. Myers" <kw2j@...>
wrote:

> To All:
>
> The next meeting of the Allegany Highlands Amateur
> Radio Club will be held
> next Tuesday, 1 May 2007, at the Allegany County
Court House. The meeting is in a
> different room this month. Go to the second floor
> as usual, but when you
> get off the elevator, go straight ahead through the
> double doors and across
> the bridge over the driveway into the main
> courthouse building. The first
> open room on the right is the jury room and that is
> where we will be
> meeting.
>
> This month's meeting will be the election of
> officers for the next year. It
> is also the 29th anniversary of the founding of the
> AHARC in the Spring of
> 1978. We need to elect President, Vice President,
> Secretary, and Treasurer.
> We also need volunteers to be newsletter editor (it
> could be an on-line
> newsletter) and a program chairman.
>
> Has anyone seen or talked to Mike Zias lately?
>
> See you there on Tuesday.
>
> 73,
> Al
> KW2J
>
>
>

---
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# 2893. Fwd: [T-368_BC-610] British BC-610-E finally fired up!

Yahoo group: T-368_BC-610
Date: 2007-04-30 05:46:58 UTC
From: w7qho@aol.com
Topic: 2893  Message: 2893

New one on me. Anybody gotta clue?

Dennis D. W7QHO
Glendale, CA

**********
See what's free at http://www.aol.com.

[Non-text portions of this message have been removed]

# 2894. NEAR Fest this weekend!

Yahoo group: T-368_BC-610
Date: 2007-04-30 15:11:20 UTC
From: Joe Foley
Topic: 2894  Message: 2894

--- Radio Station KW1I <kw1i@...> wrote:

> Al,
>
> When the Hosstraders Tailgate Swapfest and
> Fleamarket organizers announced
> they were not going to do the spring and fall events
> any more I started to
> think about a MRCA type two day event for the spring
> date (May 4,5) not far
> from where Hosstraders took place. We have a
> growing number of military
> radio and vehicle people who set up together at the
> twice a year Hosstraders
> to play radio, cook on the field kitchen and do a
> little buying and selling.
> A few weeks after the cancellation of Hosstraders a
> group of New England
> amateurs announced a plan to host a new spring and
> fall event called New
> England Amateur Radio Festival, NEAR-FEST
> (www.near-fest.com). This idea
> rapidly gained momentum in the New England amateur
> community. One of the
> organizers contacted me to request that the military
> radio guys support
> these events. They were very accommodating, so we
> are slated to set up on
> Friday and have mil radio fun through Saturday
> mid-afternoon. Happily, the
> WX forecast looks good at this point.
>
> The event organizers are trying to broaden the
> appeal of this event beyond
> buying and selling. We may find in the future that
> it might be a good
> opportunity for a Spring MRCA meet, complete with
> sessions, displays and
> tactical radio ops. The site is a excellent
> fairground about 15 miles
> northeast of Manchester, NH in Deerfield, NH.
> We'll post some some
> a"after-actions" comments about the event next week.
>
> Dale

>

---
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# 2895. BC-610 schematic plate?

Yahoo group: T-368_BC-610
Date: 2007-04-30 17:11:21 UTC
From: g3vkm
Topic: 2895  Message: 2895

Hi All,

Yes, it's me again! Have recently acquired a plastic schematic plate for the BC-610-E. Problem is, I have never seen one of these in a photo of the transmitter. I'm guessing that it fits on the back cover, probably inside, as that plate is usually missing in the manual photos. Anyone able to confirm this, just for authenticity's sake?

TIA,

Roger Basford/G3VKM

# 2896. T-368A HV

Yahoo group: T-368_BC-610
Date: 2007-04-30 20:07:23 UTC
From: k3hvg
Topic: 2896  Message: 2896

I'd like to confirm some measurements relative to my particular T-368A. Power out on the Bird shows 380 watts at 150ma plate current. The line voltage is set at exactly 115VAC and the filament voltage on the PA is nominal. The power out does not compute for the B+ specified in the manual nor measured when I initially measured it and put this unit on the air. What PA plate values (E and I) are others getting? Thanks much.

# 2897. East Coast Rally

Yahoo group: T-368_BC-610
Date: 2007-04-30 22:45:47 UTC
From: Joe Foley
Topic: 2897  Message: 2897

--- "B. Smith" <smithab11@...> wrote:

> The annual East Coast Military Vehicle Rally, flea
> market, etc. will be held
> in 2 weeks
> on May 10,11, and 12 at Aberdeen Maryland, I will
> be there with my usual
> equipment, its a heck of a show.
>
> http://www.wacbgmvt.org/ecr/
>
> Pictures and comments on last years rally at:
>
http://solo11.abac.com/zorroab1/Aberdeen06/Page1.html
>
> 73 Breck k4che
> "Crystal-controlled, weak, and on AM is no way to go
> through life"
>
>
> _____
> MRCA mailing list
> MRCA@...
> http://mailman.qth.net/mailman/listinfo/mrca
>

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# 2898. Transformer Needed

Yahoo group: T-368_BC-610
Date: 2007-05-01 13:00:55 UTC
From: Bob
Topic: 2898  Message: 2898

Transformer needed for speech amp modification for the T-368.

Either transformer will work:
Triad A65J or a UTC K9459.

Thanks for any help.

73,
Bob,W4WSZ

# 2899. M-37 radio truck wiring diagram questions

Yahoo group: T-368_BC-610
Date: 2007-05-01 16:53:53 UTC
From: Trevor
Topic: 2899  Message: 2899

Hello all-- thanks for the leads in response to my recent cross-topic post about wanting some
wheeled ex-GI iron to keep my big grey radios company.

The happy ending is that a 1951 M-37 former radio truck now resides in my barn. Basically all
intact and all stock except that a fire dept painted it red with a brush... I am viewing that as
part of its overall history, at least for the foreseeable future. Unfortunately, the R-392 and T-
195 and shelter enclosure, antenna mount, etc., parted ways with the truck somewhere in its past
before it got to me (leads on intact/ affordable GRC-19s, AB-15 antenna mounts and brackets for
the '37 most welcomed; no urgency in the search)

The good news is that the '37 has only 16000 original miles and the full set of GI maintenance
sheets showing what was done where, when, etc.

The bad news is that the charging system-- doesn't. It is a 100 amp system seeminlgy unique to
the radio truck variant of the M-37 and that does not resemble the original/usual M-37 system ,
going by the maintenance sheets, this was installed to replace the original electrical system in
about '54. It has some large finned rectifier up front behind the brush grille and in front of
the radiator. I have not been able to find any information on the usual MV/M-37 sites.

Anyone have any leads on where I could find specs and a schematic for this system that looks at a
first-glance level like a very early alternator concept (judging by the presence of a large
rectifier hung out front to get cooling air)?

If I can get some info it'll help me avoid having to dope it out blind.

Thanks and 73 and hope to meet some of y'all in person at Deerfield NH, which I plan to go to
with my 9 year old son (who _wants_ to go) in tow; unfortunately, the M-37 is not yet road-ready
for such a trip.

Trevor
KD1YT

# 2900. Re: [T-368_BC-610] M-37 radio truck wiring diagram questions

Yahoo group: T-368_BC-610
Date: 2007-05-01 17:16:55 UTC
From: Todd, KA1KAQ
Topic: 2899  Message: 2900

On 5/1/07, Trevor <kd1yt@...> wrote:

> Anyone have any leads on where I could find specs and a schematic for this
> system that looks at a
> first-glance level like a very early alternator concept (judging by the
> presence of a large
> rectifier hung out front to get cooling air)?
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You should've mentioned this at lunch yesterday, I'd have pointed you to George Wild at Wild Electric in Barre. He's be in the vehicle electrical systems business for decades and could probably tell you what it is from a good description. He can also fix just about anything. He rebuilt the generators and voltage regulators for an old '56 Chriscraft cabin cruiser I had years ago, and rebuilt the starter for my '73 Land Rover, including sandblasting the inertia mechanism, for $35. He knows the old stuff inside-out, and prefers it to the new throw-away junk.

See you at Deerfield. Was over visiting Ray last night and we uncovered a nice T-3 manual for the A, B, and C models with tuner info. Any idea what he should ask for it? My guess is $20-$25, but I haven't really kept up with prices.

~ Todd

[Non-text portions of this message have been removed]

# 2901. RE: [T-368_BC-610] M-37 radio truck wiring diagram questions

Yahoo group: T-368_BC-610
Date: 2007-05-01 17:17:52 UTC
From: Tom Mackie
Topic: 2899  Message: 2901

Trevor,

Stop by at Deerfield. I will be around Dale, KW1I and the mil radio guys.

Brown, W1NZR has a 100 amp system in his M37B1. He likely has diagrams and he will be in our area at Deerfield (look for the white van).

The finned thing in front of the grill is a selenium rectifier. They go bad so the rest of the 100 amp system may be ok. I believe people have replaced the selenium with modern rectifiers that fit within the finned housing.

Shelters are also available with a bit of looking.

You may want to touch base with:
http://www.vintagewiringofmaine.com/index.htm for a recommendation on the wiring documentation.

If you have not have done this already you want to Subscribe to Military Vehicles Magazine

and join MVPA http://www.mvpa.org/mambo/index.php

Congrats on scoring that fine truck!

73

Tom

W2ILA

---

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
On Behalf Of Trevor
Sent: Tuesday, May 01, 2007 12:54 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] M-37 radio truck wiring diagram questions

Hello all-- thanks for the leads in response to my recent cross-topic post about wanting some
wheeled ex-GI iron to keep my big grey radios company.

The happy ending is that a 1951 M-37 former radio truck now resides in my barn. Basically all
intact and all stock except that a fire dept painted it red with a brush... I am viewing that as
part of its overall history, at least for the foreseeable future.

Unfortunately, the R-392 and T-
195 and shelter enclosure, antenna mount, etc., parted ways with the
truck somewhere in its past
before it got to me (leads on intact/ affordable GRC-19s, AB-15 antenna
mounts and brackets for
the '37 most welcomed; no urgency in the search)

The good news is that the '37 has only 16000 original miles and the full
set of GI maintenance
sheets showing what was done where, when, etc.

The bad news is that the charging system-- doesn't. It is a 100 amp
system seeminlgy unique to
the radio truck variant of the M-37 and that does not resemble the
original/usual M-37 system ,
going by the maintenance sheets, this was installed to replace the
original electrical system in
about '54. It has some large finned rectifier up front behind the brush
grille and in front of
the radiator. I have not been able to find any information on the usual
MV/M-37 sites.

Anyone have any leads on where I could find specs and a schematic for
this system that looks at a
first-glance level like a very early alternator concept (judging by the
presence of a large
rectifier hung out front to get cooling air)?

If I can get some info it'll help me avoid having to dope it out blind.

Thanks and 73 and hope to meet some of y'all in person at Deerfield NH,
which I plan to go to
with my 9 year old son (who _wants_ to go) in tow; unfortunately, the
M-37 is not yet road-ready
for such a trip.

Trevor
KD1YT

[Non-text portions of this message have been removed]

# 2902. Re: [T-368_BC-610] M-37 radio truck wiring diagram questions

Yahoo group: T-368_BC-610
Date: 2007-05-01 17:50:37 UTC
From: wa5cab@cs.com
Topic: 2899  Message: 2902

And check out the Radio Equipment list on the G503 message boards.

In a message dated 5/1/2007 11:28:08 AM Central Standard Time,
tom_mackie@... writes:
> If you have not have done this already you want to Subscribe to Military
> Vehicles Magazine
>
> and join MVPA http://www.mvpa.org/mambo/index.php

Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2903. RE: Re: [T-368_BC-610] M-37 radio truck wiring diagram questions

Yahoo group: T-368_BC-610
Date: 2007-05-01 21:31:16 UTC
From: Trevor
Topic: 2899  Message: 2903

Hi Todd- thanks-- I've gone to Geo.Wild in the past and been really pleased with his competence
and reasonable prices, but in this instance, I am hoping that if I can get a diagram, I may not
even need his services. My instincts are that the problem is more in the electrical side of the
charging system than the moving parts. The last owner put in a new regulator at substantial
expense with no results, and so I think it's probably the rectifier-- just hoping for a
schematic/specs so that I am operating less in the dark.

I'm not sure what the going rate is on a T-3 manual; any of this stuff, original, seems to be
made at least partially of unobtanium and thus worth more than whatever it was worth

Deerfield '07 or bust; then Dayton '07 or bust! I have virtually no dough to acquire anything
much at either, but this is a good year to take in the experiences -- for once I had the sense to
block 'em out on my calendar ahead of time on a priority at least co-equal with any other
official or unofficial duties.

PS,what's the scoop on the Deerfield AM dinner?

73

Trevor

------- Original Message -------
From : Todd, KA1KAQ[mailto:ka1kaq@...]
Sent : 5/1/2007 1:16:55 PM
To : kd1yt@...
Cc : T-368_BC-610@yahoogroups.com
Subject : RE: Re: [T-368_BC-610] M-37 radio truck wiring diagram questions

On 5/1/07, Trevor <kd1yt@...> wrote:

> Anyone have any leads on where I could find specs and a schematic for this
> system that looks at a
> first-glance level like a very early alternator concept (judging by the
> presence of a large
> rectifier hung out front to get cooling air)?
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You should've mentioned this at lunch yesterday, I'd have pointed you to
George Wild at Wild Electric in Barre. He's be in the vehicle electrical
systems business for decades and could probably tell you what it is from a
good description. He can also fix just about anything. He rebuilt the

generators and voltage regulators for an old '56 Chriscraft cabin cruiser I had years ago, and rebuilt the starter for my '73 Land Rover, including sandblasting the inertia mechanism, for $35. He knows the old stuff inside-out, and prefers it to the new throw-away junk.

See you at Deerfield. Was over visiting Ray last night and we uncovered a nice T-3 manual for the A, B, and C models with tuner info. Any idea what he should ask for it? My guess is $20-$25, but I haven't really kept up with prices.

~ Todd

# 2904. (no subject)

Yahoo group: T-368_BC-610
Date: 2007-05-01 21:32:42 UTC
From: Steve Hobensack
Topic: 2904  Message: 2904

Jeep, I get about 400 watts output at the recommended current setting of 275 mills on AM. I have never measured the high voltage. I have the "basic" model.
...Steve...N8YE

Posted by: "k3hvg" jeepp@... k3hvg
Mon Apr 30, 2007 1:11 pm (PST)
I'd like to confirm some measurements relative to my particular T-368A. Power out on the Bird shows 380 watts at 150ma plate current. The line voltage is set at exactly 115VAC and the filament voltage on the PA is nominal. The power out does not compute for the B+ specified in the manual nor measured when I initially measured it and put this unit on the air. What PA plate values (E and I) are others getting? Thanks much.

_____
Get a FREE Web site, company branded e-mail and more from Microsoft Office Live! http://clk.atdmt.com/MRT/go/mcrssaub0050001411mrt/direct/01/

# 2905. *** M37 and Deerfield ***

Yahoo group: T-368_BC-610
Date: 2007-05-02 22:02:44 UTC
From: Steve & Jeanne Keith
Topic: 2905  Message: 2905

Dale Gagnon will be there, Larry Damour will be there, I (Steve Keith) will be there all members of the Merrimack Valley Military Valley Military Vehicle Collectors www.mvmvc.org in addition to our military vehiclular radio persuasions.

If you have an M37 and intend to restore it to military looking configuration, you might want to consider joining our organiztion.

I have a WW2 Chevrolet K51 Radio Panel truck which Dale is restoring the BC-610 for and Larry will soon be doing the body work for. Look us up when you get there. We are a friendly bunch....

As a matter of fact, Thursday (tomorrow from this posting) Larry is coming over here to Pembroke NH to have Annie (my WW2 CCKW Schield-Bantam crane) set his radio shelter onto his mil Chevy dually pickup truck so that it will be ready for Deerfield on Friday!

Steve

[Non-text portions of this message have been removed]

# 2906. RE: [T-368_BC-610] *** M37 and Deerfield ***

Yahoo group: T-368_BC-610
Date: 2007-05-03 01:33:11 UTC
From: Trevor
Topic: 2905  Message: 2906

Thanks Steve--

My logistics just got more complex, as they just set the schedule for my son's first little league game for the season, and set it for this Saturday AM, starting at 10 (and since it's about a 2 and 1/2 hour between Deerfield and the ball field, that's about the worst spot in the day to try to have both fit together). He'd been really interested in going to the 'fest (we were going to go down Friday after he gets out of school, and then camp over) but now he's torn, and-- as a 9 year old guy probably should, leaning strongly towards the ball game. So I am noodling over whether to try to drive down Friday and then head out really early Sat. in order to get him to the game?

I recall hearing that a bunch of the AM gang was going to dinner around 7. I made it to Hosstraders once when it was in Rochester and a couple of times in Hopkinton, but don't have a sense of whether, if I arrive at the new NEAR-fest at around 5-5:30 Friday, whether I and my son will be likely to have enough time to be able to take in enough, catch up with some of you fellow retro-types, etc. to make it worth the drive. What y'all think?

Thanks

[PS, I just pulled the '37's grill guard to get ready to yank the slightly leaking radiator, and in the process, to also see if the rectifier unit hung on the grill guard is part of the non-charging-issue of the charging system. Without a diagram I haven't started doping out a lot in terms of ohm readings, but the good news is that the selenium rectifier looks very intact, and as if it has been very, very recently replaced. The not so good news is that at least one, maybe several, of the big female terminals of the big Cannnon Connectors on the cables seem to have been botched up a bit by someone in the past, so I may end up on the lookout for those connectors, or at least the BIG female contacts within them. Any leads for when I start chasing those [or, maybe, in the interest of reliability, I should delete the actual connection to the selenium unit, but leave it

in place for appearance, and then re-cable things
under the hood using some silicon diodes?]

------- Original Message -------
From : Steve & Jeanne Keith[mailto:cckw@...]
Sent : 5/2/2007 6:02:44 PM
To : T-368_BC-610@yahoogroups.com
Cc : kd1yt@...
Subject : RE: [T-368_BC-610] *** M37 and Deerfield ***

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all members of the Merrimack Valley Military Valley
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to Pembroke NH to have Annie (my WW2 CCKW
Schield-Bantam crane) set his radio
shelter onto his mil Chevy dually pickup truck so
that it will be ready for Deerfield on Friday!

Steve

[Non-text portions of this message have been removed]

# 2907. Re: [T-368_BC-610] *** M37 and Deerfield ***

Yahoo group: T-368_BC-610
Date: 2007-05-07 13:16:45 UTC
From: Todd, KA1KAQ
Topic: 2905  Message: 2907

Was good to see you there Friday, Trevor. The Mil vehicle turnout was great,

saw Larry's dually with radar antenna rotating on top. Saw 'Old Buzzard John' with
his truck and trailer, saw Dale on Saturday and asked, he said you two had caught
up and had a good chat, so it sounds like you made good use of your limited time.

Sorry I couldn't spend a bit more time with you and Caleb, when you came by
I was in a deep discussion with Gary, WZ1M and Joe, WA2PJP about my
zorched modulation transformer which Gary took back to Maine for rewinding.
Joe and I had to bolt after that to get to the motel for check in, then off to
dinner.

Deerfield was a huge success, greater turnout than expected or even hoped for.
We did quite well, MrMike will be releasing the figures soon but suffice it to say
that we'll be back the second weekend in October and next May. It was a fun
time, although hectic. I was busy working much of the time, but did manage a

few minutes to get the GRR-5 out onto the tailgate for some SW listening.

BTW, Ray KC1BT had a SWR unit for the T-368 on his table for $40. No idea
if he sold it. I picked up a power cord and connector for my R-390 and a
GRA-4 dipole center insulator for $5, and a few tubes. Most of us found little
time to shop due to NEAR-fest related duties.

~ Todd, KA1KAQ

On 5/2/07, Trevor <kd1yt@...> wrote:
>
> Thanks Steve--
>
> My logistics just got more complex, as they just set
> the schedule for my son's first little league game
> for the season, and set it for this Saturday AM,
> starting at 10 (and since it's about a 2 and 1/2 hour
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> leads for when I start chasing those [or, maybe, in
> the interest of reliability, I should delete the
> actual connection to the selenium unit, but leave it
> in place for appearance, and then re-cable things
> under the hood using some silicon diodes?]
>
>
> ------- Original Message -------
> From : Steve & Jeanne Keith[mailto:cckw@... <cckw%40comcast.net>]
> Sent : 5/2/2007 6:02:44 PM
> To : T-368_BC-610@yahoogroups.com <T-368_BC-610%40yahoogroups.com>
> Cc : kd1yt@... <kd1yt%40pshift.com>
> Subject : RE: [T-368_BC-610] *** M37 and Deerfield ***
>
> Dale Gagnon will be there, Larry Damour will be
> there, I (Steve Keith) will be there
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> www.mvmvc.org in addition to our military vehiclular

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> shelter onto his mil Chevy dually pickup truck so
> that it will be ready for Deerfield on Friday!
>
> Steve
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

# 2908. bc610

Yahoo group: T-368_BC-610
Date: 2007-05-10 07:47:50 UTC
From: Alan Morriss
Topic: 2908  Message: 2908

hell guys, my scr399 tx is an "E", serial no 706. i was after some of the wing bolts that secure the back as i only had 3.
this proved difficult, so i found an easy and elegant solution.
get some suitable screws with a slot. find washers of a suitable size, which only just will not fit into the slot. grind a flat on one side exactly the length of the slot, and chamfer the edges slightly so it can start. hammer it in, and you have something which does not exactly resemble the original, but looks the part, and works well. it is cheap and easy !
i still have not got pa current, but am sure that it is the driver stage.
i am going to check if there is ht on the 807s today when i get round to it. i suspect the choke c1. cheers, alan g4gen

[Non-text portions of this message have been removed]

# 2909. Homemade BC-610 wingnut

Yahoo group: T-368_BC-610
Date: 2007-05-10 13:50:25 UTC
From: Bob Richmond
Topic: 2909  Message: 2909

Acquire separate wingnuts and proper size "all-thread" rod at your local Hardware Store. Cut rod to proper length, glue both items together with "Lock-Tite" adhesive...

see attached result....

It works fine and looks great!

Bob (a BC-610-E owner)
w8mnq "the 2nd"

++++++++++++++++++++++++++++++++++++++++
The message is ready to be sent with the following file or link attachments:
Homemade BC-610 wingnut

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.

[Non-text portions of this message have been removed]

# 2910. Homemade BC-610 wingnut

Yahoo group: T-368_BC-610
Date: 2007-05-10 13:43:56 UTC
From: Bob Richmond
Topic: 2909  Message: 2910

Acquire separate wingnuts and proper size "all-thread" rod at your local Hardware Store. Cut rod to proper length, glue both items together with "Lock-Tite" adhesive...

see attached result....

It works fine and looks great!

Bob (a BC-610-E owner)
w8mnq "the 2nd"

++++++++++++++++++++++++++++++++++++++++
The message is ready to be sent with the following file or link attachments:
Homemade BC-610 wingnut

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[Non-text portions of this message have been removed]

# 2911. Fwd: [T-368_BC-610] Homemade BC-610 wingnut

Yahoo group: T-368_BC-610
Date: 2007-05-10 18:18:07 UTC
From: W6PSS@aol.com
Topic: 2911  Message: 2911

Thanks Carl,
You have proved truth exists in the saying coined by Plato over 2400-years ago that "Necessity is the mother of invention." You've also demonstrated gentlemanly qualities by sharing this with those of us who own and operate the venerable BC-610 but who are careless with nuts & bolts. Your contribution is significant!

Thanks too. Steve W2ZR for keeping the military highway well-graded for such traffic.
73 & Tanks again,
david
w6pss Ramona

********** See what's free at http://www.aol.com.

[Non-text portions of this message have been removed]

# 2912. British BC-610-E (finally) on the air!

Yahoo group: T-368_BC-610
Date: 2007-05-14 15:53:17 UTC
From: g3vkm
Topic: 2912  Message: 2912

Hi All,

Just thought I'd say that my BC-610-E took to the air again this afternoon after many years of silence and a rebuild. On 3615 kc AM I worked G3MJX, G8IUC and GB2IWM, receiving encouraging reports despite the poor radio conditions. I was also using a BC-614-E with an Astatic D-104 mic and receiving on an SX-28 with a active loop antenna. TX antenna tuning posed a problem or two; I had also rebuilt my BC-939-A but it refused, unsurprisingly, to tune my doublet either with the feeders strapped or feeding a single leg. I resorted to feeding the '610 balanced output into a Heathkit B1U 4:1 balun and then fed that by coax to my normal station ATU, scope freq. and counter. That gave me the full UK legal limit with no nasty flash-overs or smoke! I've carried out N6PY's mod of bolting a 470uF cap across the driver cathode resistor and that has considerably reduced the mains hum when using the MO setting on the tuning unit, still not good enough for CW but fine for AM.

Anyway, I'm well chuffed with the results and hope to get going on the higher bands in the near future and work some of you! Anybody got the mods for Ten? [:)]

73,

Roger Basford, G3VKM - Norfolk, England.

[Non-text portions of this message have been removed]

# 2913. BC-610: Noisy Relays?

Yahoo group: T-368_BC-610
Date: 2007-05-18 12:38:42 UTC
From: g3vkm
Topic: 2913  Message: 2913

Hi All,

Anyone overcome the "buzzy" relay problem when using a BC-610? The antenna relay on mine buzzes really loudly, although it will sometimes react to a sharp tap on the cabinet near to the relay and go quiet. Perhaps the buzzing is increased in my TX due to running on 50Hz but the other relays seem happy.

73,

Roger/G3VKM

[Non-text portions of this message have been removed]

# 2914. T-368 Assembly

Yahoo group: T-368_BC-610
Date: 2007-05-21 12:07:33 UTC
From: Bob
Topic: 2914  Message: 2914

I have the "TUNE and LOAD" panel assembly available if anyone needs it.

It is complete with gears etc but, there are no cranks.

73,

Bob/W4WSZ

# 2915. BC610 at the e place

Yahoo group: T-368_BC-610
Date: 2007-05-22 00:33:54 UTC
From: K3PID
Topic: 2915  Message: 2915

In case someone is looking checkout 120123003501

Not mine nor do I know the seller. Just though someone might be looking..
K3PID

This outgoing email was scanned by
Norton Antivirus Corp. Edition
and found to be virus free!

[Non-text portions of this message have been removed]

# 2916. Re: [T-368_BC-610] BC610 at the e place

Yahoo group: T-368_BC-610
Date: 2007-05-22 03:57:59 UTC
From: james1787@aol.com
Topic: 2915  Message: 2916

I saw that 610. looks like someone had started to restore it at some time. I can't tell from the pictures whether it's all in one piece or if it is taken apart. The pics show it in both states. If it's apart, hopefully it has all the parts!

-----Original Message-----
From: k3pid@...
To: T-368_BC-610@yahoogroups.com
Sent: Mon, 21 May 2007 8:33 PM
Subject: [T-368_BC-610] BC610 at the e place

In case someone is looking checkout 120123003501

Not mine nor do I know the seller. Just though someone might be looking..
K3PID

This outgoing email was scanned by
Norton Antivirus Corp. Edition
and found to be virus free!

[Non-text portions of this message have been removed]

Yahoo! Groups Links

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AOL now offers free email to everyone. Find out more about what's free from AOL at AOL.com.

# 2917. scr 399

Yahoo group: T-368_BC-610
Date: 2007-05-26 11:06:15 UTC
From: Alan Morriss
Topic: 2917  Message: 2917

hello everyone. i have had the scr 399 on air for our saturday morning net and received excellent reports from all taking part. my initial troubles were in the bc 939, and i must check it.i think the meter is open circuit.
i am operating on 3615 using 66 feet of wire with one of the antenna terminals grounded.
it is a wonderful experience operating a set up which was probably used in the ardennes offensive.
now, can anyone help me. i am after an xtal for 3615, and i believe someone in the states does ft 171 xtals. does anyone know their site address ?
the other thing i need is the special coaxial plugs for the bc 312 and 342.
as you can imagine, i am really happy !
alan morriss g4gen

[Non-text portions of this message have been removed]

# 2918. BC-610E porcelain insulators

Yahoo group: T-368_BC-610
Date: 2007-05-29 13:57:56 UTC
From: james1787@aol.com
Topic: 2917  Message: 2918

Hi everyone. I was wondering if anyone knew where to find the correct porcelain insulators that attached to the side of the BC-610E. At some point in it's life, somebody removed the insulator and added an SO-239 in the back. I would like to replace the Porcelain insulators so that it could be re-used as intended. Any information as to what kind / size to look for or where I might find them would be greatly appreciated. Thanks! 73, James KB2FCV

---
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# 2919. Newby question

Yahoo group: T-368_BC-610
Date: 2007-06-05 00:30:12 UTC
From: Steve
Topic: 2919  Message: 2919

Hi. I am a new member of the group, and just purchased a BC610. I believe it is either an "I" or an "H". It is disassembled, and the power supply chassis sits directly on a wooden dolly. There is no metal plate or support under the power supply chassis. The uprights and the cabinet seem to bolt directly to the power supply chassis. Will this work, or is a metal plate under the power supply needed for stability?

Thanks and 73
Steve WA2DTW

# 2920. VFO for BC610

Yahoo group: T-368_BC-610
Date: 2007-06-05 00:33:49 UTC
From: Steve
Topic: 2920  Message: 2920

Hi. My "new" BC610 came with a VFO made by the Canadian Marconi Company, type number 148-017. Cannot find out anything about it on google or by searching any sites. Is anyone familiar with it? I would love to get my hands on a manual, or at least a schematic.

Will try to upload photos onto the "photos" section.

Thanks and 73

Steve WA2DTW

# 2921. RE: [T-368_BC-610] Newby question

Yahoo group: T-368_BC-610
Date: 2007-06-05 00:59:48 UTC
From: Rick Brashear
Topic: 2919  Message: 2921

Hi Steve and welcome to the group. I don't think a metal plate on the bottom of the power supply deck is mandatory although it is a good safety feature. However, since yours sits on the wooden dolly it would not be accessible by animals or little fingers so you are most likely fine.

73,
Rick/K5IZ

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Steve
Sent: Monday, June 04, 2007 7:30 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] Newby question

Hi. I am a new member of the group, and just purchased a BC610. I believe it is either an "I" or an "H". It is disassembled, and the power supply chassis sits directly on a wooden dolly. There is no metal plate or support under the power supply chassis. The uprights and the cabinet seem to bolt directly to the power supply chassis. Will this work, or is a metal plate under the power supply needed for stability?

Thanks and 73
Steve WA2DTW

[Non-text portions of this message have been removed]

# 2922. Re: [T-368_BC-610] Newby question

Yahoo group: T-368_BC-610
Date: 2007-06-05 03:01:04 UTC
From: wa5cab@cs.com
Topic: 2919  Message: 2922

BC-610-A through T-213/GRC-26 came with one or the other of two bases, although most today are found without either.

The more common was the shockmount base. The main part of it looks from both front and rear like a shallow set of stairs. The transmitter sits on it and is bolted to it from the outside of the power supply chassis. When you do find one of them today, more often than not the actual shock mount bars are missing.

The less common is the roller base, used at shore stations, mostly I think by the Navy. At least the only ones I ever saw or had were at or came from Navy installations. The transmitter sits down into it, but isn't actually attached to it.

In a message dated 6/4/2007 8:07:40 PM Central Daylight Time, rickbras@... writes:
> Hi Steve and welcome to the group. I don't think a metal plate on the
> bottom of the power supply deck is mandatory although it is a good safety
> feature. However, since yours sits on the wooden dolly it would not be
> accessible by animals or little fingers so you are most likely fine.
>
> 73,
> Rick/K5IZ
>
>
>
> -----Original Message-----
> From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On
> Behalf Of Steve
> Sent: Monday, June 04, 2007 7:30 PM
> To: T-368_BC-610@yahoogroups.com
> Subject: [T-368_BC-610] Newby question
>
>
>
> Hi. I am a new member of the group, and just purchased a BC610. I
> believe it is either an "I" or an "H". It is disassembled, and the
> power supply chassis sits directly on a wooden dolly. There is no
> metal plate or support under the power supply chassis. The uprights
> and the cabinet seem to bolt directly to the power supply chassis.
> Will this work, or is a metal plate under the power supply needed for
> stability?
>

Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)

MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2923. Re: [MRCA] B&W T-368E AM Transmitter For Sale

Yahoo group: T-368_BC-610
Date: 2007-06-07 03:03:29 UTC
From: Joe Foley
Topic: 2923  Message: 2923

Read carefully, I don't have this, someone else does,
his contact information is listed below.

73

Joe

--- Ronald Doering <wa9qnn95@...> wrote:

> For sale is a B&W T-368E AM Transmitter with a spare
> VFO Module. Also, two
> extra 4-400A final amp tubes and two extra
> 4D21/4-125 Modulator tubes. Tech
> Manuals are included. Serial #563. Mod has been
> made to make audio stage
> compatible with a D-104 mic. Unit weighs approx.
> 800 lbs. Pick up only
> unless your shipper will pick it up. Can be
> reviewed at W3026 N Lake Ln
> White Lake, WI 54491. It was used by a silent key,
> WA9ZOR. Good working
> condition. Contact: Ron Doering WA9QNN at 715
> 882-2134 or by email:
> wa9qnn95@... Price: $2,000. Thank you
> for looking.
>
>

---------------------------------------------------------------------
> Don?t miss your chance to WIN $10,000 and other
> great prizes from Microsoft
> Office Live
>
http://clk.atdmt.com/MRT/go/aub0540003042mrt/direct/01/
>
> ------------------------------------------
> MRCA mailing list
> MRCA@...
> http://mailman.qth.net/mailman/listinfo/mrca
>

---------------------------------------------------------------------------------
Moody friends. Drama queens. Your life? Nope! - their life, your story. Play Sims Stories
at Yahoo! Games.
http://sims.yahoo.com/

# 2924. 4-400A

Yahoo group: T-368_BC-610
Date: 2007-06-10 16:51:37 UTC
From: Mike Feher
Topic: 2924  Message: 2924

I have some 4-400A and 4PR400A tubes NOS/NIB for sale. The 4-400As are $90 each and are made by Luminetrics in the UK and the 4PR400s are $125 each and are made by Eimac. The only trick is, they have to be picked up. Of course if you do decide to come over be ready to possibly go away with an R390 or an R390A or an RA-17, or, even a T-368E or F, I do not remember if it is an E or an F, and it is down in my 2000 sq. ft. basement which I would like to use again. Also, hundreds of other receivers and transmitters of all sorts. I also have a ton of early wireless, telegraph, and about 100,000 tubes. Additionally, a lot of WWI & WWII military gear, some new in boxes. I am not ready to have a hamfest here, but would prefer to dispose of the majority of the equipment as I can. Therefore, if anything interests you, please call, as I want to limit the number of people here at one time to no more than two, as there is just way too much stuff. After all, this is NJ, "The Sue Me State" and I do not want people getting hurt. I am sure some of you understand. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

# 2925. Microphone plug for BC614 speech amplifier

Yahoo group: T-368_BC-610
Date: 2007-06-12 00:09:20 UTC
From: Steve
Topic: 2925  Message: 2925

Hi
Does anyone know how to obtain the 3-pin microphone plug for the BC614 "dynamic mic" input? It is not an XLR. Is it an Amphenol 91-MC3M?
Also, there is also a "carbon microphone" socket, which seems a standard 1/4 inch phono plug. But I cannot find that input on the schematic. Can a D104 go to either of these inputs?

Thanks
73
Steve WA2DTW

# 2926. RE: [T-368_BC-610] Microphone plug for BC614 speech amplifier

Yahoo group: T-368_BC-610
Date: 2007-06-12 00:14:33 UTC
From: Rick Brashear
Topic: 2925  Message: 2926

Steve,

I got some from Allied Electronics in Ft.. Worth, TX a while back. I'm sure many of the larger supply houses have them.

Rick

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Steve
Sent: Monday, June 11, 2007 7:09 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] Microphone plug for BC614 speech amplifier

Hi
Does anyone know how to obtain the 3-pin microphone plug for the BC614 "dynamic mic" input? It is not an XLR. Is it an Amphenol 91-MC3M?
Also, there is also a "carbon microphone" socket, which seems a standard 1/4 inch phono plug. But I cannot find that input on the schematic. Can a D104 go to either of these inputs?

Thanks
73
Steve WA2DTW

[Non-text portions of this message have been removed]

# 2927. Re: Pre-Retirement Sale

Yahoo group: T-368_BC-610
Date: 2007-06-12 00:27:28 UTC
From: Mike Feher
Topic: 2925  Message: 2927

Since my initial post of items for sale I have been deluged by phone calls and emails. Several have made appointments already, but, most want lists and descriptions. The quantity of items here is more than enough to fill a small hamfest or antique radio meet. There is no way I intend to or can describe it all. If I were to do that, it would take forever and I mind as well put it on ebay. The idea was for people to come and enjoy themselves and find bargains and haul stuff away. Just like a hamfest, except that first come first served goes. Not to worry however, as there is more than enough to go around. Obviously I am looking at the local folks, but I have had people here from as far as California to the west and Europe to the East. My phone number is below. Regards - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

[Non-text portions of this message have been removed]

# 2928. RE: [T-368_BC-610] Microphone plug for BC614 speech amplifier

Yahoo group: T-368_BC-610
Date: 2007-06-12 01:01:54 UTC
From: eldim@att.net
Topic: 2925  Message: 2928

Hello Steve,
I would not recommend using a D-104 unless it has a Carbon Mic element.
Otherwise, you may destroy the D-104 element.
If the radio says that it is a Carbon Mic jack, then it has a DC Voltage that could be as much as 95 volts to activate the carbon granules in the microphone element. In fact, that voltage may have been much higher-up to maybe 135 volts on some of our fixed radios that used the T-17* microphone. This was back in the 60's when maintaining the Collins GRT-3 (T-282 UHF Transmitter), GRC-27 (T-217 UHF Transmitter), etc. Note: * The T-17 hand microphone was common to many radios both ground, shipboard and airborne. There was a family of the T Series microphones which I think were all carbon. It would be nice to find a Spec or Data sheet on these microphones to compare their specifications. If anyone has some of this info, I'd sure be happy to hear from you.

73,
Glen Galati, KA7BOJ
Tacoma, WA
eldim@...

-------------- Original message from "Rick Brashear" <rickbras@...>: --------------

Steve,

I got some from Allied Electronics in Ft.. Worth, TX a while back. I'm sure many of the larger supply houses have them.

Rick

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Steve
Sent: Monday, June 11, 2007 7:09 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] Microphone plug for BC614 speech amplifier

Hi
Does anyone know how to obtain the 3-pin microphone plug for the BC614 "dynamic mic" input? It is not an XLR. Is it an Amphenol 91-MC3M?
Also, there is also a "carbon microphone" socket, which seems a standard 1/4 inch phono plug. But I cannot find that input on the schematic. Can a D104 go to either of these inputs?

Thanks
73
Steve WA2DTW

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 2929. RE: [T-368_BC-610] Microphone plug for BC614 speech amplifier

Yahoo group: T-368_BC-610
Date: 2007-06-12 01:15:39 UTC
From: Rick Brashear
Topic: 2925  Message: 2929

Glen,
The BC-614 has an input for a carbon mic and a dynamic or similar mic. It is perfectly safe to use the D-104 in the proper input, I have done it for years.
Rick

Hello Steve,
I would not recommend using a D-104 unless it has a Carbon Mic element. Otherwise, you may destroy the D-104 element.
If the radio says that it is a Carbon Mic jack, then it has a DC Voltage that could be as much as 95 volts to activate the carbon granules in the microphone element. In fact, that voltage may have been much higher-up to maybe 135 volts on some of our fixed radios that used the T-17* microphone. This was back in the 60's when maintaining the Collins GRT-3 (T-282 UHF Transmitter), GRC-27 (T-217 UHF Transmitter), etc. Note: * The T-17 hand microphone was common to many radios both ground, shipboard and airborne. There was a family of the T Series microphones which I think were all carbon. It would be nice to find a Spec or Data sheet on these microphones to compare their specifications. If anyone has some of this info, I'd sure be happy to hear from you.

73,
Glen Galati, KA7BOJ
Tacoma, WA
eldim@... <mailto:eldim%40att.net>

---------- Original message from "Rick Brashear" <rickbras@airmail.
<mailto:rickbras%40airmail.net> net>: ----------

Steve,

I got some from Allied Electronics in Ft.. Worth, TX a while back. I'm sure many of the larger supply houses have them.

Rick

-----Original Message-----
From: T-368_BC-610@ <mailto:T-368_BC-610%40yahoogroups.com> yahoogroups.com [mailto:T-368_BC-610@ <mailto:T-368_BC-610%40yahoogroups.com> yahoogroups.com] On
Behalf Of Steve
Sent: Monday, June 11, 2007 7:09 PM
To: T-368_BC-610@ <mailto:T-368_BC-610%40yahoogroups.com> yahoogroups.com
Subject: [T-368_BC-610] Microphone plug for BC614 speech amplifier

Hi
Does anyone know how to obtain the 3-pin microphone plug for the

BC614 "dynamic mic" input? It is not an XLR. Is it an Amphenol 91-MC3M?
Also, there is also a "carbon microphone" socket, which seems a standard 1/4 inch phono plug. But I cannot find that input on the schematic. Can a D104 go to either of these inputs?

Thanks
73
Steve WA2DTW

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 2930. Re: [T-368_BC-610] Microphone plug for BC614 speech amplifier

Yahoo group: T-368_BC-610
Date: 2007-06-12 19:59:09 UTC
From: rbethman
Topic: 2925  Message: 2930

Steve,

If the top, (Dynamic) microphone connector on your BC-614E is a three pin connector - SOMEONE modified yout BC-614E.

BOTH microphone connectors on the original BC-614(x) speech amplifiers are 1/4 in plugs!

Bob - N0DGN (1 BC-610 and 1 T-213 [right out of depot crate!])

> Hi
> Does anyone know how to obtain the 3-pin microphone plug for the
> BC614 "dynamic mic" input? It is not an XLR. Is it an Amphenol 91-
> MC3M?
> Also, there is also a "carbon microphone" socket, which seems a
> standard 1/4 inch phono plug. But I cannot find that input on the
> schematic. Can a D104 go to either of these inputs?
>
> Thanks
> 73
> Steve WA2DTW
>

[Non-text portions of this message have been removed]

# 2931. RE: [T-368_BC-610] Microphone plug for BC614 speech amplifier

Yahoo group: T-368_BC-610
Date: 2007-06-12 21:04:31 UTC
From: Rick Brashear
Topic: 2925  Message: 2931

You are so right about the dynamic mic pots. I finally broke down and replaced the one I use the most. What kind of mic do you use with your BC-614? I have an old T-38E (candelabra style) that I'd like to use, but I get such lousy reports on it I go back to the D-104. I was mistaken when I said the carbon mic used a 1/4" plug, it's actually that slightly smaller one that I can never remember the number of.

Rick

Rick,

My bad!

My BC-614E has the three pin connector for dynamic. My BC-314I has a three pin AND a 1/4" jack for the dynamic.

I've been so used to using the 1/4" jack that I 'overlooked' the three pin connector.

Biggest issue I've found with BC-614s is that the dynamic mic pot is ALMOST always bad.

Uncle apparently always used carbon mics!

Bob - N0DGN

[Non-text portions of this message have been removed]

# 2932. Re: [T-368_BC-610] Microphone plug for BC614 speech amplifier

Yahoo group: T-368_BC-610
Date: 2007-06-12 20:52:55 UTC
From: rbethman
Topic: 2925  Message: 2932

Rick,

My bad!

My BC-614E has the three pin connector for dynamic. My BC-314I has a three pin AND a 1/4" jack for the dynamic.

I've been so used to using the 1/4" jack that I 'overlooked' the three pin connector.

Biggest issue I've found with BC-614s is that the dynamic mic pot is ALMOST always bad.

Uncle apparently always used carbon mics!

Bob - N0DGN
> Bob,
>
> I don't think that is correct. I have 4 or 5 BC-614 speech amplifiers
> and all of them have the three pin Amphenol socket for the dynamic mic
> and the 1/4" for the carbon mic. All of my TM's also agree with this.
>
> Rick/K5IZ
>
>
>
> -----Original Message-----
> *From:* T-368_BC-610@yahoogroups.com
> [mailto:T-368_BC-610@yahoogroups.com] *On Behalf Of *rbethman
> *Sent:* Tuesday, June 12, 2007 2:59 PM
> *To:* Steve
> *Cc:* T-368_BC-610@yahoogroups.com
> *Subject:* Re: [T-368_BC-610] Microphone plug for BC614 speech
> amplifier
>
> Steve,
>
> If the top, (Dynamic) microphone connector on your BC-614E is a three
> pin connector - SOMEONE modified yout BC-614E.
>
> BOTH microphone connectors on the original BC-614(x) speech
> amplifiers
> are 1/4 in plugs!
>
> Bob - N0DGN (1 BC-610 and 1 T-213 [right out of depot crate!])
> >

> > Hi
> > Does anyone know how to obtain the 3-pin microphone plug for the
> > BC614 "dynamic mic" input? It is not an XLR. Is it an Amphenol 91-
> > MC3M?
> > Also, there is also a "carbon microphone" socket, which seems a
> > standard 1/4 inch phono plug. But I cannot find that input on the
> > schematic. Can a D104 go to either of these inputs?
> >
> > Thanks
> > 73
> > Steve WA2DTW
> >
>
> [Non-text portions of this message have been removed]
>
>
>
>

[Non-text portions of this message have been removed]

# 2933. RE: [T-368_BC-610] Microphone plug for BC614 speech amplifier

Yahoo group: T-368_BC-610
Date: 2007-06-12 21:22:08 UTC
From: Rick Brashear
Topic: 2925  Message: 2933

Cool! The Shure 737 is a strange beast, but it sounds like good technology. I'm sorry to say I don't have a source for the pot. I robbed one from another BC-614 that was in better shape. If you locate them, please, let me know. I'd like to have a couple spares.

Rick

I either use an un-amplified D-104 OR I have a Shure 737A. The Shure REALLY gets good audio.

The Shure 737 is a 'strange' beast, but definitely UNIQUE! There is a diaphragm, but it is connected to a REAL crystal that is attached at one end, and the other end is a lever that attaches to the diaphragm. This is NO Rochelle salt 'crystal' microphone!

My only other choice would be to break down and go for a Shure 55.

Where did you find the pot for the dynamic mic gain? I need one.

Bob - N0DGN

[Non-text portions of this message have been removed]

# 2934. Re: [T-368_BC-610] Microphone plug for BC614 speech amplifier

Yahoo group: T-368_BC-610
Date: 2007-06-12 21:12:29 UTC
From: rbethman
Topic: 2925  Message: 2934

I either use an un-amplified D-104 OR I have a Shure 737A. The Shure REALLY gets good audio.

The Shure 737 is a 'strange' beast, but definitely UNIQUE! There is a diaphragm, but it is connected to a REAL crystal that is attached at one end, and the other end is a lever that attaches to the diaphragm. This is NO Rochelle salt 'crystal' microphone!

My only other choice would be to break down and go for a Shure 55.

Where did you find the pot for the dynamic mic gain? I need one.

Bob - N0DGN
> You are so right about the dynamic mic pots. I finally broke down and
> replaced the one I use the most. What kind of mic do you use with
> your BC-614? I have an old T-38E (candelabra style) that I'd like to
> use, but I get such lousy reports on it I go back to the D-104. I
> was mistaken when I said the carbon mic used a 1/4" plug, it's
> actually that slightly smaller one that I can never remember the
> number of.
>
> Rick

[Non-text portions of this message have been removed]

# 2935. Re: [T-368_BC-610] Microphone plug for BC614 speech amplifier

Yahoo group: T-368_BC-610
Date: 2007-06-12 21:47:13 UTC
From: wa5cab@cs.com
Topic: 2925  Message: 2935

Group,

Originally, all models of the BC-614 (from -A through -I), besides the two octal connectors, have a 3-contact Amphenol 91-PC3F for the dynamic micrphone, a 7/32" dia. 3-circuit JK-33 for the carbon microphone, and a 1/4" dia. two-circuit JK-34 for the key. In addition, -A through -D plus -F have a six-pin receiver sidetone connector. Any deviation from that is a ham, not military, mod. I.e., a hack.

In a message dated 6/12/2007 4:18:47 PM Central Daylight Time, rbethman@... writes:
> My BC-614E has the three pin connector for dynamic. My BC-314I has a
> three pin AND a 1/4" jack for the dynamic.
>
> I've been so used to using the 1/4" jack that I 'overlooked' the three
> pin connector.
>
> Biggest issue I've found with BC-614s is that the dynamic mic pot is
> ALMOST always bad.
>
> Uncle apparently always used carbon mics!
>
> Bob - N0DGN
> >Bob,
> >
> >I don't think that is correct. I have 4 or 5 BC-614 speech amplifiers
> >and all of them have the three pin Amphenol socket for the dynamic mic
> >and the 1/4" for the carbon mic. All of my TM's also agree with this.
> >
> >Rick/K5IZ
> >
> >
> >
> > -----Original Message-----
> > *From:* T-368_BC-610@yahoogroups.com
> > [mailto:T-368_BC-610@yahoogroups.com] *On Behalf Of *rbethman
> > *Sent:* Tuesday, June 12, 2007 2:59 PM
> > *To:* Steve
> > *Cc:* T-368_BC-610@yahoogroups.com
> > *Subject:* Re: [T-368_BC-610] Microphone plug for BC614 speech
> > amplifier
> >
> > Steve,
> >
> > If the top, (Dynamic) microphone connector on your BC-614E is a three

> > pin connector - SOMEONE modified yout BC-614E.
> >
> > BOTH microphone connectors on the original BC-614(x) speech
> > amplifiers
> > are 1/4 in plugs!
> >
> > Bob - N0DGN (1 BC-610 and 1 T-213 [right out of depot crate!])
> > >
> > >Hi
> > >Does anyone know how to obtain the 3-pin microphone plug for the
> > >BC614 "dynamic mic" input? It is not an XLR. Is it an Amphenol 91-
> > >MC3M?
> > >Also, there is also a "carbon microphone" socket, which seems a
> > >standard 1/4 inch phono plug. But I cannot find that input on the
> > >schematic. Can a D104 go to either of these inputs?
> > >
> > >Thanks
> > >73
> > >Steve WA2DTW
> > >

Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2936. HO 17 shelter

Yahoo group: T-368_BC-610
Date: 2007-06-15 14:57:04 UTC
From: Alan Morriss
Topic: 2936 Message: 2936

hello everyone, i just thought i would let you know how we are getting on with the shelter.
the roof is plywood inside, with an early sort of fibreglass on top. ontop of thos are thin laths, and it is covered with canvas and painted. there are formers back and front, and at intervals to nail the laths to.
we are treating it like any other building job, and replacing the wood where it is rotten. most of it is in excellent condition, but the front and back formers had to be replaced. as well as a few others. we are using treated timber, so it will last 100 years.
the sheeting over the back and front formers is tin plated, and in pretty good shape. we have treated it and painted it with red oxide.
the roof is now ready for the canvas, which should arrive today.
the shelter was painted in a light green by the luxembourg army, but underneath it is standard olive drab. we have gallons of that !
what i would like to know is what lettering was originally on the outside which may have been painted over. if there was any, i would be grateful for details.
we are not going to repaint the interior, to keep it's historic importance.
it was supposed to have been used during the ardennes ofensive, and left behind in luxembourg.
any pictures of inscriptions , if any, would be much apreciated.

cheers, alan g4gen

[Non-text portions of this message have been removed]

# 2937. BC-614

Yahoo group: T-368_BC-610
Date: 2007-06-21 17:20:51 UTC
From: james1787@aol.com
Topic: 2917  Message: 2937

Hi,
This is kind of a dumb question but if I have a BC-610E, do I need a BC-614E to match and work with my 610 or will a different letter work, such as a BC-614D? Also the same goes with Antenna tuners... do I need to search exactly for a BC-939E or will any of the others work fine?

73,
James KB2FCV

---
AOL now offers free email to everyone. Find out more about what's free from AOL at AOL.com.

# 2938. RE: [T-368_BC-610] BC-614

Yahoo group: T-368_BC-610
Date: 2007-06-21 17:54:51 UTC
From: Rick Brashear
Topic: 2917  Message: 2938

Hi James,

That's not a dumb question at all. You can use any of the series of speech amps and/or antenna tuners. I used a 614-C with my "E" model for some time because it had a PTT lever switch on it. Finally, I decided to make my own PTT and went with the original BC-614-E. Best of luck with your 610 they are fantastic transmitters!

73,
Rick/K5IZ

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of james1787@...
Sent: Thursday, June 21, 2007 12:21 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] BC-614

Hi,
This is kind of a dumb question but if I have a BC-610E, do I need a BC-614E to match and work with my 610 or will a different letter work, such as a BC-614D? Also the same goes with Antenna tuners... do I need to search exactly for a BC-939E or will any of the others work fine?

73,
James KB2FCV

_____
AOL now offers free email to everyone. Find out more about what's free from AOL at AOL.com.

[Non-text portions of this message have been removed]

# 2939. Re: [T-368_BC-610] BC-614

Yahoo group: T-368_BC-610
Date: 2007-06-21 17:56:25 UTC
From: wa5cab@cs.com
Topic: 2917  Message: 2939

James,

The BC-614-E, G and later are all interchangable. The major differences are in how the major components were made, such as hermetically sealed meter and transformers in the later models. And when. The -F and later are post-war. There are differences in the BC-614-A through D and F that make them not exactly plug-n-play with the BC-610-E, although you could adapt any of them.

There were only two models of the BC-939 made, BC-939-A and BC-939-B. They are interchangable although all of the -B's I have seen have had post-war Order dates. And some may have an SO-239 installed.

In a message dated 6/21/2007 12:22:04 PM Central Daylight Time,
james1787@... writes:
> Hi,
> This is kind of a dumb question but if I have a BC-610E, do I need a
> BC-614E to match and work with my 610 or will a different letter work,
> such as a BC-614D? Also the same goes with Antenna tuners... do I need
> to search exactly for a BC-939E or will any of the others work fine?
>
> 73,
> James KB2FCV

Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2940. Modulation Transformer

Yahoo group: T-368_BC-610
Date: 2007-06-21 19:46:09 UTC
From: W5OMR/Geoff
Topic: 940  Message: 2940

My Friend Perry, W5KGZ, is in need of a modulation XFMR for a BC610. Can anyone help him?

It's an E model.

--
Driving your AM Rig without a scope,
is like driving your car at night, without headlights. (K4KYV)

--
73 = Best Regards,
-Geoff/W5OMR

# 2941. Jennings and Kilovac Vacuum Relays FS

Yahoo group: T-368_BC-610
Date: 2007-07-04 00:54:12 UTC
From: Tom Norris
Topic: 2941  Message: 2941

Rich KD6VK has a small assortment of 26.5 volt Jennings and Kilovac vacuum relays available and has asked me to post his offer to the list (s) as he's not a member. The relays $20 each.

> They are all 26.5 volts DC. They are physically about ½" in
> diameter and
> from 1 ½" to about 2 ½" in length.
>
>
>
> If there is any interest, he's put together a spread sheet of the
> part
> numbers and characteristics.

Please contact him at rbaldwin14@... for more information.

Thanks

Tom NU4G

# 2942. Smoke testing the BC-160

Yahoo group: T-368_BC-610
Date: 2007-07-07 18:20:50 UTC
From: Steve
Topic: 2942  Message: 2942

Am almost ready to apply filament voltage to the BC-610. Assembling the various chassis to the front panel is much more complicated than I realized, since you cannot mount the front panel until the side panels are mounted, and all the interconnections have to be made before-hand. So there is some guess-work.

Here are my questions before I continue:

a) Relay RY-4, which "shorts the antenna" when not transmitting. Can't figure this one out. There are wires from terminals 7 and 8 of TS13 on the modulator deck which have been cut. (not just disconnected). Is this the 110 volts to activate the relay? Is this connection needed? What is the best way to rig up an antenna change-over relay for a receiver?
b) A mystery red wire on terminal 9 of TS9 on the modulator deck. This is not connected to anything, and I don't know where to connect it. The manual does not indicate it. In fact, the manual shows the cables from TS 1 on the RF section connected to terminals 1-11 on TS9, with no extra wire on terminal 9. I skipped 9 and connected them on 1-12.
c) How to find out which model of the BC610 it is? The manual is for "H" or "I", but the modulation transformer is cylindrical, looking very different from the pictures of the "H" and "I". I just know that it is not an "E" because of the appearance of the front panel.

Any help will be much appreciated.

Thanks and 73
Steve WA2DTW

# 2943. Re: [T-368_BC-610] Smoke testing the BC-160

Yahoo group: T-368_BC-610
Date: 2007-07-07 19:02:29 UTC
From: wa5cab@cs.com
Topic: 2942  Message: 2943

Steve,

In a message dated 7/7/2007 1:21:05 PM Central Daylight Time,
victorsj@... writes:
> Am almost ready to apply filament voltage to the BC-610. Assembling
> the various chassis to the front panel is much more complicated than
> I realized, since you cannot mount the front panel until the side
> panels are mounted, and all the interconnections have to be made
> before-hand. So there is some guess-work.
>
> Here are my questions before I continue:
>
> a) Relay RY-4, which "shorts the antenna" when not transmitting.
> Can't figure this one out. There are wires from terminals 7 and 8
> of TS13 on the modulator deck which have been cut. (not just
> disconnected). Is this the 110 volts to activate the relay? Is
> this connection needed? What is the best way to rig up an antenna
> change-over relay for a receiver?

Yes, terminals 7 & 8 of TS-13 carry 110 VAC to the antenna shorting relay coil. The connection is not actually required to operate the transmitter. But if you do not re-run the 110 volt wires to the coil, you need to disconnect the two wires that run from the plate tank coil jack bar to the relay NC contacts. Otherwise, the output will be shorted.

You can rewire the relay as a change-over relay but (a) in CW it will be energized whenever you turn on the HV and (b) in PHONE there might be some arcing when you key the transmitter as the relay isn't a particularly fast one.

> b) A mystery red wire on terminal 9 of TS9 on the modulator deck.
> This is not connected to anything, and I don't know where to connect
> it. The manual does not indicate it. In fact, the manual shows the
> cables from TS 1 on the RF section connected to terminals 1-11 on
> TS9, with no extra wire on terminal 9. I skipped 9 and connected
> them on 1-12.

According to TB SIG 220 on BC-610-F, TS1, terminals 1 through 11 connect to TS9 terminals 1 through 11. Nothing on 12. Terminal 9 is the R.F. Bias. A wire is shown as running from the wiper of R11 to TS9-9 to TS1-9 to TS2-5 to position 2 on SW8.1 (also to R26, 27 & 28).

> c) How to find out which model of the BC610 it is? The manual is
> for "H" or "I", but the modulation transformer is cylindrical,
> looking very different from the pictures of the "H" and "I". I just
> know that it is not an "E" because of the appearance of the front
> panel.

>
I think that you have a BC-610-F, made by Bogan. I had one once (still have some of the parts). All of the transformer cans except for the main HV transformer are cylindrical. Only model I know of like that.

Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2944. Wanted, Change 1 to TM 11-4057 (BC-610-A...E)

Yahoo group: T-368_BC-610
Date: 2007-07-08 22:03:56 UTC
From: wa5cab@cs.com
Topic: 2944  Message: 2944

While answering some questions for another BC-610-F owner, I noticed that TB-SIG 220, which applies to the -F model, refers to TM 11-4057 Change 1. I have the basic but didn't know that there had been a Change. So I'm curious as to what's in it. And have an -F I need to put back together one day.

If anyone has the change or knows of someone else who does, please contact me.

Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2945. T-368 Vacuum Relay for Antenna ChangeOver

Yahoo group: T-368_BC-610
Date: 2007-07-09 00:01:38 UTC
From: kx4r
Topic: 2945  Message: 2945

Does anyone know if there was a MWO concerning the modification of the early model T-3's for a vacuum relay like in the E model ? If so I'd sure like to get a copy.
I have a T-368C Crosley and would like to change to a vacuum relay in order to get a bit more reliable operation. The open fram relay in there now has been a problem since I've had it.
Thanks, Greg KX4R

# 2946. JB-70-A and BC-939-A parts available

Yahoo group: T-368_BC-610
Date: 2007-07-09 15:50:42 UTC
From: g3vkm
Topic: 2946  Message: 2946

Hi All,

I was at a military radio auction yesterday and picked a JB-70-A and a BC-939-A in very rusty condition. The JB is well past redemption but the big socket, the start/stop switch, overload trip and the relay are probably worth salvaging. I bought it only for the fancy octal plug that goes to the BC-614.

The 939 has no meter, I only bought it for the turns counters for a replica AT-2 project - but most of the other bits are there, including the vacuum caps, knobs and switches.

Anyone interested in any parts? If so, contact me off-list. Postage from the UK for the big coil might be pricey but the other bits shouldn't be too bad. Photos available.

73,

Roger Basford, G3VKM - Norfolk, England.

[Non-text portions of this message have been removed]

# 2947. BC-939 Tuner

Yahoo group: T-368_BC-610
Date: 2007-07-09 19:41:53 UTC
From: Keith Densmore
Topic: 2763  Message: 2947

Hi All,
Well, after several years of looking I found a BC-939A at a local hamfest.
The unit is in great shape and I'm glad to have found it.
They were designed to match long wires or short whips---does anyone know of
any tricks, or non-invasive mods to make it more usable on amateur type
ariels like dipoles, etc.??

Thanks, 73,
Keith, ve3ts

# 2948. Re: [T-368_BC-610] BC-939 Tuner

Yahoo group: T-368_BC-610
Date: 2007-07-09 20:28:00 UTC
From: wf2u@starband.net
Topic: 2763  Message: 2948

Keith,

The tuner description explains it all - it matches long wires and whips - period. For coax-fed antennas you can use a traditional high power antenna tuner but not the BC-939.
To use the BC-939, just toss out a long wire and a good ground system, and you'll be in business... Repeat - it won't work with a dipole!

Yes it would - but it'd be really silly - with a 9:1 unbalanced-to-unbalanced matching transformer, pretending you have a whip connected. Connect the low impedance side of the transformer to the tuner and the high impedance side to the coax.

73, Meir WF2U
Landrum, SC

> Hi All,
> Well, after several years of looking I found a BC-939A at a local
> hamfest. The unit is in great shape and I'm glad to have found it.
> They were designed to match long wires or short whips---does anyone know
> of any tricks, or non-invasive mods to make it more usable on amateur
> type ariels like dipoles, etc.??
>
> Thanks, 73,
> Keith, ve3ts
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>
> Yahoo! Groups Links
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>

# 2949. RE: Re: [T-368_BC-610] BC-939 Tuner

Yahoo group: T-368_BC-610
Date: 2007-07-09 20:40:22 UTC
From: Trevor
Topic: 2763  Message: 2949

Appreciate your new-to-you tuner as a part of the complete unit, and as something that might be
fun to try someday with the types of antennas that it was built for.

But it'd take way too much drilling and blasting to turn it into something fit for coax-fed or
balanced open-wire antennas, and even then, it wouldn't be as easy-to-use or effective as something you could buy or build for more typical ham applications.

I do wonder, though I am not recalling the exact schematic, whether one might be able to take a
twin pair of BC-939s and set them both on some insulating base, and then use them back-to-back,
with a balun at the inputs of the two tuners, as a very wide-range balanced tuner. They wouldn't
be very user-friendly to tune, but they'd probably cover a huge range of potential impedances,
huge power-handling capability, and maybe be very efficient at it.

73 de kd1yt

------- Original Message -------
From : wf2u@...[mailto:wf2u@...]
Sent : 7/9/2007 4:28:00 PM
To : T-368_BC-610@yahoogroups.com
Cc :
Subject : RE: Re: [T-368_BC-610] BC-939 Tuner

Keith,

The tuner description explains it all - it matches long wires and whips -
period. For coax-fed antennas you can use a traditional high power
antenna tuner but not the BC-939.
To use the BC-939, just toss out a long wire and a good ground system, and
you'll be in business... Repeat - it won't work with a dipole!

Yes it would - but it'd be really silly - with a 9:1
unbalanced-to-unbalanced matching transformer, pretending you have a whip
connected. Connect the low impedance side of the transformer to the tuner
and the high impedance side to the coax.

73, Meir WF2U
Landrum, SC

> Hi All,
> Well, after several years of looking I found a BC-939A at a local
> hamfest. The unit is in great shape and I'm glad to have found it.

> They were designed to match long wires or short whips---does anyone know
> of any tricks, or non-invasive mods to make it more usable on amateur
> type ariels like dipoles, etc.??
>
> Thanks, 73,
> Keith, ve3ts
>
>
>
>
> Yahoo! Groups Links
>
>
>

# 2950. Re: [T-368_BC-610] BC-939 Tuner

Yahoo group: T-368_BC-610
Date: 2007-07-09 20:18:29 UTC
From: rbethman
Topic: 2763  Message: 2950

> Keith,

You must remember that it was designed for the BC-610/T-213 radio series.

It *really* does not lend itself to tuning dipoles.

It was meant and designed JUST for those specific radios *AND* the U.S.
Mil whip antenna *OR* the specific length of wire for the band segment
as indicated by the manual or cards in the front panel holder.

The BC-610 / T-213 can handle a specifically cut dipole for a particular
frequency *WITHOUT* the BC-939.

The BC-939 was designed for the *MOBILE* work to use either the whip on
*ANY* of the frequencies it was designed for, or what according to the
manual "long wire", which for a ham perspective is a *REAL* misnomer!
The wire lengths specified by the manual and cards is either 44 feet or
77 feet.

There is no place in the Ham Radio world where those lengths ARE
considered LONG WIRE ANTENNAE.

Get or build an Ultimate Transmatch or a Heath 2036 AT if you want to
match Ham equipment to 'classic' dipoles and the like.

Bob - N0DGN

> Hi All,
> Well, after several years of looking I found a BC-939A at a local
> hamfest.
> The unit is in great shape and I'm glad to have found it.
> They were designed to match long wires or short whips---does anyone
> know of
> any tricks, or non-invasive mods to make it more usable on amateur type
> ariels like dipoles, etc.??
>
> Thanks, 73,
> Keith, ve3ts
>

[Non-text portions of this message have been removed]

# 2951. Re: [T-368_BC-610] BC-939 Tuner

Yahoo group: T-368_BC-610
Date: 2007-07-09 20:52:35 UTC
From: wa5cab@cs.com
Topic: 2763  Message: 2951

What you'd have if you did that would be almost the same as a TMC TAC-1.
Taking up twice the volume. :-)

In a message dated 7/9/2007 3:44:56 PM Central Daylight Time,
kd1yt@... writes:
> I do wonder, though I am not recalling the exact schematic, whether one
> might be able to take a
> twin pair of BC-939s and set them both on some insulating base, and then use
> them back-to-back,
> with a balun at the inputs of the two tuners, as a very wide-range balanced
> tuner. They wouldn't
> be very user-friendly to tune, but they'd probably cover a huge range of
> potential impedances,
> huge power-handling capability, and maybe be very efficient at it.

Robert & Susan Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2952. T-368 power requirements

Yahoo group: T-368_BC-610
Date: 2007-07-10 21:15:32 UTC
From: Erik
Topic: 2952  Message: 2952

I would like to know the power requirements for the t-368 Transmitter.
I am attempting to home brew or substitute a power supply.
John, AC0FA

# 2953. Re: [T-368_BC-610] Digest Number 1216

Yahoo group: T-368_BC-610
Date: 2007-07-11 17:22:10 UTC
From: sam
Topic: 2953  Message: 2953

The TM uses about 15 pages to describe the power supplies. They contain
much more than just DC sources.
There are also power supply components in the modulator drawer.
There are protective circuits, etc. also. What in particular are you
wanting?
I have a mint condition TM 11-809-35 covering models T-368, A,B,C
Also Change Order #2 covering models D and E.
I worked on these in VietNam 1966-68 era.
http://sjcook.com/army/narratives/radiohut.htm
http://sjcook.com/army/jclicker2.5/template2/images/nht-radiohut/index.htm

--
Sam Cook, Milan, MO, U.S.A.
Amateur Extra Class Radio Station AC?OK
ARES Official Emergency Station for Sullivan County, MO
==========

T-368_BC-610@yahoogroups.com wrote:
>
> View All Topics
> <http://groups.yahoo.com/group/T-368_BC-610/messages;_ylc=X3oDMTJlaDZxMW05BF9TAzk3MzU5NzE1BGdycElkAzI3Njk0NgRncnBzcElkAzE3MDUwMzQ2OTAEc2VjA2Rtc2cEc2xrA2F0cGMEc3RpbWUDMTE4NDE1MjExNA--?xm=1&m=p&tidx=1>
> | Create New Topic
> <http://groups.yahoo.com/group/T-368_BC-610/post;_ylc=X3oDMTJlYnVjMHJiBF9TAzk3MzU5NzE1BGdycElkAzI3Njk0NgRncnBzcElkAzE3MDUwMzQ2OTAEc2VjA2Rtc2cEc2xrA250cGMEc3RpbWUDMTE4NDE1MjExNA--
>
>
>
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> Message
>
> 1.
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>
> T-368 power requirements
> <http://groups.yahoo.com/group/T-368_BC-610/message/2952;_ylc=X3oDMTJwMWM2YjYwBF9TAzk3MzU5NzE1BGdycElkAzI3Njk0NgRncnBzcElkAzE3MDUwMzQ2OTAEbXNnSWQDMjk1MgRzZWMDZG1zZwRzbGsDdm1zZwRzdGltZQMxMTg0MTUyMTE0>
>
>
>
> Posted by: "Erik" rip-saw@...
> <mailto:rip-saw@...?Subject=%20Re%3AT-368%20power%20requirements>
> hamnut_sparky <http://profiles.yahoo.com/hamnut_sparky>

>
>
> Tue Jul 10, 2007 2:19 pm (PST)
>
> I would like to know the power requirements for the t-368 Transmitter.
> I am attempting to home brew or substitute a power supply.
> John, AC0FA
>

# 2954. This showed up on Ebay, today

Yahoo group: T-368_BC-610
Date: 2007-07-13 02:28:19 UTC
From: W5OMR/Geoff
Topic: 2954  Message: 2954

*http://tinyurl.com/29uooy
-not- mine. Don't contact me...

*

--
Driving your AM Rig without a scope,
is like driving your car at night, without headlights. (K4KYV)

--
73 = Best Regards,
-Geoff/W5OMR

# 2955. Power output

Yahoo group: T-368_BC-610
Date: 2007-07-16 17:09:19 UTC
From: Erik
Topic: 2955  Message: 2955

I have read the bc-610 and t-368 class transmitters have a carrier OUTPUT of any where from 400 to 500 watts. Taking into account for minor losses in antenna efficency and 85-95% modulation. These rigs will hit 1500w pep in casual conversation without too much trouble at all. Is this true?

# 2956. RE: [T-368_BC-610] Power output

Yahoo group: T-368_BC-610
Date: 2007-07-16 18:11:54 UTC
From: Rick Brashear
Topic: 2955  Message: 2956

Hi Erik,

My 610's will produce a little over 400 watts of carrier, but I run them at 350 to 375 watts. Combined with 100% of the great plate modulation they have it's very easy to get 1500 pep. Be sure to use a scope to check for overmod.

73,
Rick/K5IAR

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Erik
Sent: Monday, July 16, 2007 12:09 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] Power output

I have read the bc-610 and t-368 class transmitters have a carrier OUTPUT of any where from 400 to 500 watts. Taking into account for minor losses in antenna efficency and 85-95% modulation. These rigs will hit 1500w pep in casual conversation without too much trouble at all. Is this true?

[Non-text portions of this message have been removed]

# 2957. Re: [T-368_BC-610] Power output

Yahoo group: T-368_BC-610
Date: 2007-07-16 18:22:49 UTC
From: w7qho@aol.com
Topic: 2955  Message: 2957

In a message dated 7/16/07 10:11:22 AM, rip-saw@... writes:

> I have read the bc-610 and t-368 class transmitters have a carrier
> OUTPUT of any where from 400 to 500 watts. Taking into account for
> minor losses in antenna efficency and 85-95% modulation. These rigs
> will hit 1500w pep in casual conversation without too much trouble at
> all. Is this true?
>

Yes......

Dennis D. W7QHO
Glendale, CA

**********
Get a sneak peak of the all-new AOL at
http://discover.aol.com/memed/aolcom30tour

[Non-text portions of this message have been removed]

# 2958. Re: [T-368_BC-610] Power output

Yahoo group: T-368_BC-610
Date: 2007-07-16 18:36:56 UTC
From: W5OMR/Geoff
Topic: 2955  Message: 2958

This was supposed to go to the entire list...

Erik wrote:
> I have read the bc-610 and t-368 class transmitters have a carrier
> OUTPUT of any where from 400 to 500 watts. Taking into account for
> minor losses in antenna efficency and 85-95% modulation. These rigs
> will hit 1500w pep in casual conversation without too much trouble at
> all. Is this true?
>

Before the PEP Power output ruling change in 1991, Ham Radio operators could run as much as 1kW DC Input to the final stage. Didn't matter what mode.

If you figure 75% efficiency for a Class C amplifier, that means that with 1000w DC input to a Class C final, would equal about 750w of carrier output.

Yes, if you modulate the kW DC input to 100% with a sine-wave of 1000Hz, the PEP output of that 750w is 3kW PEP.

T-368's and BC-610s typically run between 300 and 400w of carrier output, depending on loading, antenna conditions, etc.

*IF* we were to modulate our rigs with sine-waves, then everyone would strive to run 500w DC input, at 75% efficiency, for 375w of carrier output.

Carrier output x 4 = PEP output

375 x 4 = 1500w PEP. (because as the voltage doubles in the final, so does the current)

The big hitch with this is, we don't talk in sine-waves, do we? No, we use much more complex speech patterns. Not to mention that the typical male voice is rather asymmetrical. Meaning, the amplitude of some of our natural speech peaks are not symmetrical with their corresponding lows.

Think of a rock being tossed in a pond. Out there on the edges, near the shore, the resulting ripples are rather symmetrical, aren't they? One big nice even circle, waving across the water. However, if you go back to the event of the rock hitting the water, the even is -anything- but calm. The same thing happens when our voice hits the diaphragm on a microphone. 6 to 12" away, the only thing the mic gets is the calm symmetrical waves. You can also sound like you're in an echo chamber. But, when you're up close to the mic, the natural asymmetricalness of the typical voice shows up at the diaphragm. If your speech equipment

is designed properly, and proper phasing of the audio is followed through the whole audio chain, right down to the grids and plate caps on the modulator tubes, the asymmetricalness of your voice will appear on the plates of the final output stage of your transmitter.

Several AM Audio engineer-minded hams collaborated together, and wrote an article about this.

Read it all at: http://www.qsl.net/wa5bxo/asyam/aam3.html

--
Driving your AM Rig without a scope,
is like driving your car at night, without headlights. (K4KYV)

--
73 = Best Regards,
-Geoff/W5OMR

# 2959. Re: [T-368_BC-610] Power output

Yahoo group: T-368_BC-610
Date: 2007-07-16 18:06:14 UTC
From: rbethman
Topic: 2955  Message: 2959

Erik,

With the house power panel voltage being at 126 VAC, (approx.), *and*
these radios were meant for 110VAC, I find that I *must* dial things
down a 'tad' to keep it inside the 1500W PEP.

I did NOT know what it was REALLY hitting until I got a newly calibrated
Bird with the peak reading feature.

Let's just say that I'm *very* thankful that I got the Bird *before* the
FCC came through the area and did some checking.

Bob - N0DGN

> I have read the bc-610 and t-368 class transmitters have a carrier
> OUTPUT of any where from 400 to 500 watts. Taking into account for
> minor losses in antenna efficency and 85-95% modulation. These rigs
> will hit 1500w pep in casual conversation without too much trouble at
> all. Is this true?
>

[Non-text portions of this message have been removed]

# 2960. Re: [T-368_BC-610] Power output

Yahoo group: T-368_BC-610
Date: 2007-07-16 22:14:44 UTC
From: w7qho@aol.com
Topic: 2955  Message: 2960

In a message dated 7/16/07 12:05:08 PM, rbethman@... writes:

> With the house power panel voltage being at 126 VAC, (approx.), *and*
> these radios were meant for 110VAC, I find that I *must* dial things
> down a 'tad' to keep it inside the 1500W PEP.
>
> I did NOT know what it was REALLY hitting until I got a newly calibrated
> Bird with the peak reading feature.
>
> Let's just say that I'm *very* thankful that I got the Bird *before* the
> FCC came through the area and did some checking.
>
>

Bob,

Interesting, just what kind of PEP values were you seeing, something around 1700 maybe? Don't see how one could get into too much trouble with a 368 or 610 as neither rig has enough has enough audio headroom to push much above the legal PEP limit even with a grossly "asymmetrical" voice waveform. Not sure anyone is watching anyway, given the increasing number of ex. broadcast and HB 2 X 4-1000A rigs in use on the ham bands.

Dennis D. W7QHO
Glendale, CA

**********
Get a sneak peek of the all-new AOL at
http://discover.aol.com/memed/aolcom30tour

[Non-text portions of this message have been removed]

# 2961. Re: [T-368_BC-610] Power output

Yahoo group: T-368_BC-610
Date: 2007-07-16 22:33:07 UTC
From: wa5cab@cs.com
Topic: 2955  Message: 2961

I'm inclined to agree with Dennis. The FCC of today isn't the technically competent FCC of WW-II and the 50's. It consists mostly of lawyers and Civil Service clerks. And the lawyers can't even spell PEP. But they sure love BPL.

In a message dated 7/16/2007 5:19:43 PM Central Daylight Time, w7qho@... writes:

> >With the house power panel voltage being at 126 VAC, (approx.), *and*
> >these radios were meant for 110VAC, I find that I *must* dial things
> >down a 'tad' to keep it inside the 1500W PEP.
> >
> >I did NOT know what it was REALLY hitting until I got a newly calibrated
> >Bird with the peak reading feature.
> >
> >Let's just say that I'm *very* thankful that I got the Bird *before* the
> >FCC came through the area and did some checking.
> >
> >
>
> Bob,
>
> Interesting, just what kind of PEP values were you seeing, something around
> 1700 maybe? Don't see how one could get into too much trouble with a 368
> or
> 610 as neither rig has enough has enough audio headroom to push much above
> the
> legal PEP limit even with a grossly "asymmetrical" voice waveform. Not sure
> anyone is watching anyway, given the increasing number of ex. broadcast and
> HB 2
> X 4-1000A rigs in use on the ham bands.
>

Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2962. Re: [T-368_BC-610] Power output

Yahoo group: T-368_BC-610
Date: 2007-07-17 01:01:28 UTC
From: rbethman
Topic: 2955  Message: 2962

Dennis,

I found the 1500W slug inadequate. Since meters are "normally" most
accurate around mid scale, I obtained a new 2500W slug.

The same radio, nothing else changed, and I was hitting very close to 2000W.

That's why I said I have to keep the BC-610 dialed down a 'tad'.

Bob - N0DGN
>>
>> Bob,
>>
>> Interesting, just what kind of PEP values were you seeing, something
>> around 1700 maybe? Don't see how one could get into too much trouble
>> with a 368 or 610 as neither rig has enough has enough audio headroom
>> to push much above the legal PEP limit even with a grossly
>> "asymmetrical" voice waveform. Not sure anyone is watching anyway,
>> given the increasing number of ex. broadcast and HB 2 X 4-1000A rigs
>> in use on the ham bands.
>>
>> Dennis D. W7QHO
>> Glendale, CA
>
> In a message dated 7/16/07 12:05:08 PM, rbethman@... writes:
>
>
>> With the house power panel voltage being at 126 VAC, (approx.), *and*
>> these radios were meant for 110VAC, I find that I *must* dial things
>> down a 'tad' to keep it inside the 1500W PEP.
>>
>> I did NOT know what it was REALLY hitting until I got a newly calibrated
>> Bird with the peak reading feature.
>>
>> Let's just say that I'm *very* thankful that I got the Bird *before* the
>> FCC came through the area and did some checking.
>>

[Non-text portions of this message have been removed]

# 2963. For IMMEDIATE Sale: (2) BC-610 (Albany NY)

Yahoo group: T-368_BC-610
Date: 2007-07-25 14:36:35 UTC
From: bearlabsusa
Topic: 2963  Message: 2963

Hi Folks,

I have TWO BC-610s for immediate sale.

One BC-610C and one BC-610E.
Both will require a complete strip down and repaint in all probability.

Will see one or both.

For complete details:
http://amfone.net/Amforum/index.php?topic=11608.0

Email me with any questions, be patient, I may not be back online
until the weekend(s)... This is PICK UP ONLY. I can consider delivery
within about ~150mi for a real but reasonable fee.

Serious inquiries preferred, WILL CONSIDER TRADES (working, non
working, but some stuff I'm just not interested in, ok?)

_-_-WBear2GCR

email to bearlabs at netzero dot com <--- or via the link through yahoo.

# 2964. (no subject)

Yahoo group: T-368_BC-610
Date: 2007-07-30 02:09:43 UTC
From: LORI WARFIELD
Topic: 2964  Message: 2964

I am looking for a 80 ohm bleeder resister for a t-368
that is in the power supply unit.thank you craig n1qng

# 2965. Re: [T-368_BC-610] (unknown)

Yahoo group: T-368_BC-610
Date: 2007-07-30 12:50:55 UTC
From: James M. Walker
Topic: 2082  Message: 2965

Ah,
That would be an 80K 200 watt FWIW
Jim
WB2FCN

----- Original Message -----
From: LORI WARFIELD
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, July 29, 2007 10:09 PM
Subject: [T-368_BC-610] (unknown)

I am looking for a 80 ohm bleeder resister for a t-368
that is in the power supply unit.thank you craig n1qng

[Non-text portions of this message have been removed]

# 2966. RE: [T-368_BC-610] (unknown)

Yahoo group: T-368_BC-610
Date: 2007-07-30 14:16:18 UTC
From: Rick Brashear
Topic: 2082  Message: 2966

It will also be an expensive rascal!

Rick/K5IAR

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of James M. Walker
Sent: Monday, July 30, 2007 7:51 AM
To: T-368_BC-610@yahoogroups.com; LORI WARFIELD
Subject: Re: [T-368_BC-610] (unknown)

Ah,
That would be an 80K 200 watt FWIW
Jim
WB2FCN

----- Original Message -----
From: LORI WARFIELD
To: T-368_BC-610@ <mailto:T-368_BC-610%40yahoogroups.com> yahoogroups.com
Sent: Sunday, July 29, 2007 10:09 PM
Subject: [T-368_BC-610] (unknown)

I am looking for a 80 ohm bleeder resister for a t-368
that is in the power supply unit.thank you craig n1qng

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 2967. Re: [T-368_BC-610] (unknown)

Yahoo group: T-368_BC-610
Date: 2007-07-30 14:53:56 UTC
From: James M. Walker
Topic: 2082  Message: 2967

MessageNot necessarily, I think I still have some NOS, just can't get to them. They are in storage, at the back of the building 10X20 with rack cabinets and such in front. A real chore removing all the stuff to get to them.
Jim
WB2FCN

----- Original Message -----
From: Rick Brashear
To: 'James M. Walker' ; T-368_BC-610@yahoogroups.com ; 'LORI WARFIELD'
Sent: Monday, July 30, 2007 10:16 AM
Subject: RE: [T-368_BC-610] (unknown)

It will also be an expensive rascal!

Rick/K5IAR

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of James M. Walker
Sent: Monday, July 30, 2007 7:51 AM
To: T-368_BC-610@yahoogroups.com; LORI WARFIELD
Subject: Re: [T-368_BC-610] (unknown)

Ah,
That would be an 80K 200 watt FWIW
Jim
WB2FCN

----- Original Message -----
From: LORI WARFIELD
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, July 29, 2007 10:09 PM
Subject: [T-368_BC-610] (unknown)

I am looking for a 80 ohm bleeder resister for a t-368 that is in the power supply unit.thank you craig n1qng

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 2968. RE: [T-368_BC-610] (unknown)

Yahoo group: T-368_BC-610
Date: 2007-07-30 15:07:55 UTC
From: Rick Brashear
Topic: 2082  Message: 2968

Great Jim. I know Craig will be glad to hear that.

73,
Rick/K5IAR

-----Original Message-----
From: James M. Walker [mailto:chejmw@...]
Sent: Monday, July 30, 2007 9:54 AM
To: Rick Brashear; T-368_BC-610@yahoogroups.com; 'LORI WARFIELD'
Subject: Re: [T-368_BC-610] (unknown)

Not necessarily, I think I still have some NOS, just can't get to them. They
are in storage, at the back of the building 10X20 with rack cabinets and
such
in front. A real chore removing all the stuff to get to them.
Jim
WB2FCN

----- Original Message -----
From: Rick <mailto:rickbras@...> Brashear
To: 'James M. Walker' <mailto:chejmw@...> ;
T-368_BC-610@yahoogroups.com ; 'LORI <mailto:lwarfield@...> WARFIELD'
Sent: Monday, July 30, 2007 10:16 AM
Subject: RE: [T-368_BC-610] (unknown)

It will also be an expensive rascal!

Rick/K5IAR

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On
Behalf Of James M. Walker
Sent: Monday, July 30, 2007 7:51 AM
To: T-368_BC-610@yahoogroups.com; LORI WARFIELD
Subject: Re: [T-368_BC-610] (unknown)

Ah,
That would be an 80K 200 watt FWIW
Jim
WB2FCN

----- Original Message -----
From: LORI WARFIELD
To: T-368_BC-610@ <mailto:T-368_BC-610@yahoogroups.com> yahoogroups.com
Sent: Sunday, July 29, 2007 10:09 PM
Subject: [T-368_BC-610] (unknown)

I am looking for a 80 ohm bleeder resister for a t-368
that is in the power supply unit.thank you craig n1qng

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 2969. ho 17

Yahoo group: T-368_BC-610
Date: 2007-07-30 20:27:34 UTC
From: Alan Morriss
Topic: 2969  Message: 2969

hello guys, can anyone give me some info about the HO17. at the right of the door, there are two receptacles with screw on covers. they were obviously for some output or input, but i cant find out what. anyone know ? alan morriss g4gen

[Non-text portions of this message have been removed]

# 2970. scr 399

Yahoo group: T-368_BC-610
Date: 2007-08-02 16:54:46 UTC
From: Alan Morriss
Topic: 2917  Message: 2970

hello everyone, well, now that i have been put straight about the fairleads, i have one other request. all i need now is the typewriter, type telegraphers portable, and the toolkit. just the box would do fine.
there must be some of these around somewhere !
i should have guessed about the fairleads, as they are just above the reels. cheers, alan g4gen

[Non-text portions of this message have been removed]

# 2971. MRCG 2007, DVD Now Avalable

Yahoo group: T-368_BC-610
Date: 2007-08-02 17:51:10 UTC
From: w7qho@aol.com
Topic: 2971  Message: 2971

All,

Two DVD set covering the May 2007 MRCG meet at Camp San Luis Obispo, CA now available. Ten bucks PP.  Cash, check, MO, PayPal OK.

Dennis DuVall, W7QHO
1524 Princes Dr.
Glendale, CA 91207
818-240-7907

**********
Get a sneak peek of the all-new AOL at
http://discover.aol.com/memed/aolcom30tour

[Non-text portions of this message have been removed]

# 2972. Freebe!

Yahoo group: T-368_BC-610
Date: 2007-08-05 17:33:01 UTC
From: w7qho@aol.com
Topic: 2972  Message: 2972

All,

GP-7, restorable but victim of a bad packing job sent through UPS. Bowl insulator on LH side broken and the power/control connector bracket oh the other side bent. Toggle switch also missing on front panel but otherwise complete and unscathed as far as I can tell. No tubes. Comes with the MF TU in place. All packed up (very well this time) and ready to go. Free for the shipping from 91207. Heavy, about 80 lb. packed.

Dennis D. W7QHO
Glendale, CA

**********
Get a sneak peek of the all-new AOL at
http://discover.aol.com/memed/aolcom30tour

[Non-text portions of this message have been removed]

# 2973. scr 399

Yahoo group: T-368_BC-610
Date: 2007-08-07 17:21:03 UTC
From: Alan Morriss
Topic: 2917  Message: 2973

WANTED. TYPEWRITER, TELEGRAPHER's, PORTABLE.
this is for the scr 399, and someone must know where there is one ! would also like the toolbox. alan morriss g4gen

[Non-text portions of this message have been removed]

# 2974. BC-610 Modulation Transformer

Yahoo group: T-368_BC-610
Date: 2007-08-09 09:49:55 UTC
From: W5OMR/Geoff
Topic: 2974  Message: 2974

On http://www.ebay.com

Item number: 330154275506

--
Driving your AM Rig without a scope,
is like driving your car at night, without headlights. (K4KYV)

--
73 = Best Regards,
-Geoff/W5OMR

# 2975. scr 399 radio truck

Yahoo group: T-368_BC-610
Date: 2007-08-21 15:12:28 UTC
From: g4gen3
Topic: 2975  Message: 2975

hello guys, herewith the photos from the war and peace show at beltring in kent uk. it is the largest military vehicle show in the world, and people come from all over with their vehicles. we used the whip antenna and the bc 939. as we have not yet got the pe 95 going properly. a commercial 3 kva generating set was used. this ran it fine although the lights in the shelter dimmed every time the tx was keyed .
during the 6 days we were on air, many uk ststions were worked on the am frequency of 3615 khz. good reports were received in every case with compliments on the audio quality being frequent. one person put an analyser on our signal, and said it was every bit as good as his local radio station !
we also used 20 metres cw many contacts were made including as far as russia and hungary. all reports were s 9, so i made a real effort to get across the pond. unfortunately no canadian or us stations were even heard.
when using cw the reports on the keying are always good, so it speaks volumes for the old 610. i personally get a great kick from operating out of the shelter like this, as if the history we got from the luxembourg museum is correct it was used during the ardennes offensive, the battle of the bulge. i can well imagine the sort of traffic that must have gone through it.
during the war i more or less lived in the army camp here where we had canadian and us troops.many of the vehicles had characters from dogpatch painted on them ,so we will do the same. i was a great devotee of that cartoon strip, and used to scavenge the camp incinerator for comic books before they were burnt.
it is strange, but i always fancied the little ladders they used to get in and out of the radio trucks, so just before a unit left , i borrowed one, and of course never gave it back. i still have it, and now we have the truck to go with it ! cheers, alan g4gen

# 2976. Power Connector and Other Info Requested

Yahoo group: T-368_BC-610
Date: 2007-08-22 17:19:25 UTC
From: Todd, KA1KAQ
Topic: 2976  Message: 2976

Yes, well...the time has come for me to deal with the T-368D in preparation for use as the 'Classic AM' station at NEAR-Fest II. Haven't done a thing with it since receiving it last October, beyond powering it up and promptly dumping the overloads and house breaker when I flipped the PLATE RELAY switch up.

First thing it needs before going further is a decent power connector set up. Someone swapped out the original for a 2-prong Cannon connector with pin spacing such that the plug has arc tracks between the metal case and one of the holes. Curious to know what the consensus is as to the best connector to use. I'm guessing something along the lines of a 3-prong twist-lock Hubbell type or ? I'd like to go with something that at least looks close to stock with respect to the cabinet mount.

Second thing will be to figure out what's causing the big BANG noise when I flip the Plate Relay switch up. I learned about the interlock issues a couple decades ago, but never having a transmitter in front of me to play with, couldn't do much beyond trying to visualize.

Lastly, I'd like to locate a few bits for it. None of it is required for getting the thing set for NEAR-Fest, of course.

First and foremost, a shockmount base would be great. It's currently mounted on casters in place of the shocks, but this makes it a bit too tippy for my liking. And while these mounts probably aren't terribly common, you don't know unless you ask. Surely someone has a few spares kicking around the garage? Workshop? Kitchen? In the trunk of the trusty KIA Rio?

Also need to get the little side pouch for the data cards. Not that I have the book or cards to go inside, but it would be good to use the holes on at least one side if the cabinet for something useful. I mean, how well can I expect it to work if this pouch is missing?

Equally vital are the mounting studs for the antenna tuner and whatever else was on top. I don't have the 'correct' gray unit (939B?) for it, but do have the earlier black model that paired up with the Beastly 610 to trade off someday.

BTW, this transmitter hasn't been on the air for a few years. It was last used by a fellow in R.I. who later sold it to my friend Dave, W1DEC, who gave it to me last October as a wedding gift. Since Dave is planning to attend NEAR-Fest, I figure the least I can do is have his old transmitter working? That's the hope, at least.

Thanks -

~ Todd/'Boomer' KA1KAQ

# 2977. RE: [T-368_BC-610] Power Connector and Other Info Requested

Yahoo group: T-368_BC-610
Date: 2007-08-22 18:01:14 UTC
From: Tom Mackie
Topic: 2976  Message: 2977

Todd,

I can't believe you pirated a T368 right in my back yard. When did this happen?

I'll shoot a pix on Friday of my power connector and how I rigged it with the green wire to ground/chassis.

Same for the top studs/nuts/bolts.

As for the arcing and sparking big bang when you throw the switch... can you remember if this was up above in the RF deck or down below?

Was it upon key-down or simply throwing the relay switch? Did it remain operable or pop the breaker?

You are certainly invited to wheel that rig over to the Military Radio area at NearFest for a 0500 checkin to the 3885 MilRad net.

73

Tom

W2ILA

---

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
On Behalf Of Todd, KA1KAQ
Sent: Wednesday, August 22, 2007 1:19 PM
To: T-368
Subject: [T-368_BC-610] Power Connector and Other Info Requested

Yes, well...the time has come for me to deal with the T-368D in preparation for use as the 'Classic AM' station at NEAR-Fest II. Haven't done a thing with it since receiving it last October, beyond powering it up and promptly dumping the overloads and house breaker when I flipped the PLATE RELAY switch up.

First thing it needs before going further is a decent power connector set up. Someone swapped out the original for a 2-prong Cannon connector with pin spacing such that the plug has arc tracks between the metal case and one of the holes. Curious to know what the consensus is as to the best connector to use. I'm guessing something along the lines of a 3-prong twist-lock Hubbell type or ? I'd like to go with something that at least looks close to stock with respect to the cabinet mount.

Second thing will be to figure out what's causing the big BANG noise when I flip the Plate Relay switch up. I learned about the interlock issues a couple decades ago, but never having a transmitter in front of me to play with, couldn't do much beyond trying to visualize.

Lastly, I'd like to locate a few bits for it. None of it is required for getting the thing set for NEAR-Fest, of course.

First and foremost, a shockmount base would be great. It's currently mounted on casters in place of the shocks, but this makes it a bit too tippy for my liking. And while these mounts probably aren't terribly common, you don't know unless you ask. Surely someone has a few spares kicking around the garage? Workshop? Kitchen? In the trunk of the trusty KIA Rio?

Also need to get the little side pouch for the data cards. Not that I have the book or cards to go inside, but it would be good to use the holes on at least one side if the cabinet for something useful. I mean, how well can I expect it to work if this pouch is missing?

Equally vital are the mounting studs for the antenna tuner and whatever else was on top. I don't have the 'correct' gray unit (939B?) for it, but do have the earlier black model that paired up with the Beastly 610 to trade off someday.

BTW, this transmitter hasn't been on the air for a few years. It was last used by a fellow in R.I. who later sold it to my friend Dave, W1DEC, who gave it to me last October as a wedding gift. Since Dave is planning to attend NEAR-Fest, I figure the least I can do is have his old transmitter working? That's the hope, at least.

Thanks -

~ Todd/'Boomer' KA1KAQ

[Non-text portions of this message have been removed]

# 2978. Re: [T-368_BC-610] Power Connector and Other Info Requested

Yahoo group: T-368_BC-610
Date: 2007-08-22 19:27:13 UTC
From: Todd, KA1KAQ
Topic: 2976 Message: 2978

On 8/22/07, Tom Mackie <Tom_Mackie@...> wrote:

> I can't believe you pirated a T368 right in my back yard. When did this happen?

Actually a number of years ago. Dave W1DEC (a new neighbor of yours, BTW) picked it up from the guy who was using it down there. The T-3 Musketeers (W1RC, W1DEC, myself) were all in the market for transmitters from the turn of the century or before. Mike was given one out of a garage in Burlington, Dave and I took the afternoon off one summer day and used my truck to help him collect it. Dave later bought this D model from someone in your neck of the woods. I found a nice RF deck, but it never filled out.

Jen and I were married last October and Dave attended the wedding. While the radioheads were gathered around a table at the reception admiring the RCA 77 mic that Joe 'PJP gave me, Dave announced that he was giving me his T-368. So I can't claim the credit for pirating it from under your nose, which I don't think is even possible! Though it would look good on my resumé!

> I'll shoot a pix on Friday of my power connector and how I rigged it with the green wire to ground/chassis.

Thanks, I appreciate that. I'm somewhat familiar with the studs and wingnuts, just not sure were to find them. Especially those wide hexnut-looking spacers Robert mentioned.

> As for the arcing and sparking big bang when you throw the switch… can you remember if this was up above in the RF deck or down below?

No idea. There was probably a big flash, but I was bent over throwing the Plate Relay switch and didn't see it. The noise was more than enough notice. I didn't get far. No key-down (didn't even have a mic attached), no anything. Plugged in, powered up fine, idled for an hour or so, checked different things, threw the Plate Relay switch up and POW. Everything went off, including the house breaker in the basement.

> You are certainly invited to wheel that rig over to the Military Radio area at NearFest for a 0500 checkin to the 3885 MilRad net.

Yeah, I'll still be sleeping at that time if I'm lucky. But thanks for the offer. We're planning to use it as part of the AM Special Event station at NEAR-Fest II, the classic tube station to compliment 'QIX's Class E station. If I get it going, that is. I could hire you to come up for the weekend to get that and the 300G on the air, then send you home with a load of stuff. Less for me to move!

~ Todd

# 2979. Re: [T-368_BC-610] Power Connector and Other Info Requested

Yahoo group: T-368_BC-610
Date: 2007-08-22 19:33:30 UTC
From: Todd, KA1KAQ
Topic: 2976  Message: 2979

On 8/22/07, WA5CAB@... <WA5CAB@...> wrote:

> The gray tuner is TN-339/GR. The BC-939-B is black, like the -A.

Thanks, Robert. That does sound a lot better. I've seen pictures in
the past, IIRC, they're shorter than the 939?

> I've never had a T-368 in the flesh but if the mounting studs for the
> TN-339 are the same as those for the BC-939 on the BC-610, I have several
> sets of equivalent new parts. I bought the pieces from McMaster a year or
> so ago and because of the various minimum orders, ended up with enough
> pieces for three BC-610's plus everthing except the hex spacers for 4 or 5
> more.

Good to know. I think they're the same, was looking at MrMike's E
model when I was over there last week, they looked the same as the
BC-610s I've seen. As you say, it's the spacers that will be the hard
part to find.

> BTW, I never paid any attention but what was the original AC input
> connector on the T-368?

Something along the lines of a Hubbell 7565 I think? From memory, 2
curved prongs instead of three. The male chassis connector is recessed
with metal ears holding it to the cabinet. Female plug has a metal
casing around it. I recall an issue with substituting a grounding
version, but can't remember exactly what. All I know is the Cannon
connector on it now is not a healthy choice.

~ Todd

# 2980. Re: [T-368_BC-610] Power Connector and Other Info Requested

Yahoo group: T-368_BC-610
Date: 2007-08-22 20:32:38 UTC
From: w7qho@aol.com
Topic: 2976  Message: 2980

In a message dated 8/22/07 12:34:58 PM, ka1kaq@... writes:

> Plugged in, powered up fine, idled for an hour
> or so, checked different things, threw the Plate Relay switch up and
> POW. Everything went off, including the house breaker in the basement.
>

Sounds like you've got a hard short somewhere in the HV circuits. Bad rectifiers can do this so not a bad place to start. Back at a previous QTH I ran my T368s off a very "stiff" primary source (short #10 run to a 400 amp service) and depending on what part of the hysteresis loop the plate xformer core was in when last turned off and what part of the cycle the line was in on turn-on keying the rig could pop both PS breakers. Would do this maybe once out of 20 key-downs. No problems here with a longer run to the main breaker box.

On the power connector question, the original setup was a 2-prong with no provision for a green wire. I replaced with a grommet plate and a permanently connected 6 ft. line cord.

Good luck and keep one hand in your pocket when working on this thing.

Dennis D. W7QHO
Glendale, CA

**********
Get a sneak peek of the all-new AOL at
http://discover.aol.com/memed/aolcom30tour

[Non-text portions of this message have been removed]

# 2981. Re: [T-368_BC-610] Power Connector and Other Info Requested

Yahoo group: T-368_BC-610
Date: 2007-08-22 20:41:37 UTC
From: Todd, KA1KAQ
Topic: 2976  Message: 2981

On 8/22/07, W7QHO@... <W7QHO@...> wrote:

> Sounds like you've got a hard short somewhere in the HV circuits. Bad
> rectifiers can do this so not a bad place to start. Back at a previous QTH
> I ran my T368s off a very "stiff" primary source (short #10 run to a 400 amp
> service) and depending on what part of the hysteresis loop the plate xformer
> core was in when last turned off and what part of the cycle the line was in
> on turn-on keying the rig could pop both PS breakers. Would do this maybe
> once out of 20 key-downs. No problems here with a longer run to the main
> breaker box.

Thanks, Dennis -

That was where I planned to start this weekend, by removing the 3B28s
and seeing if it still goes bang. The arc path on the Cannon connector
is troubling, too.

Good news is that even if the plate transformer is bad, I have a NOS
spare. Bad news is, I'd still have to change it out!

IIRC, your T-368 was used at one of the last Gaithersburg FARFests
back in the late 90s? We're hoping to do the same thing at NEARFest.

~ Todd, KA1KAQ

# 2982. FS: VTVM

Yahoo group: T-368_BC-610
Date: 2007-08-23 16:13:19 UTC
From: K0DAN
Topic: 2982  Message: 2982

Begging forgiveness in advance if this post is too far off topic.

I have a nice RCA VOLTOHMYST WV-77E VTVM which is surplus to my needs & requires a good home. Works good, looks OK. Tubes good. Battery, paper caps, and out of spec resistors have been replaced. Includes manual copy. No probes.

Price/shipping is very reasonable. Contact me direct for photos, more info, etc.

Thanks and 73
Dan
K0DAN
"k0dan at comcast dot net "

# 2983. Re: [T-368_BC-610] Power Connector and Other Info Requested

Yahoo group: T-368_BC-610
Date: 2007-08-23 18:40:12 UTC
From: James M. Walker
Topic: 2976  Message: 2983

Hi Todd,
Ah Boomer, you know who you are. First thing to check, and it will sound silly, is the plate current meter. See if it sits back from the front panel by a spacer, which is usually wood but may be lexan or some non-conductive plastic, that can handle high voltage.

Second, you can get a three prong AC connector male (chassis) and fermale (cable) type at grainger equipment, they also have the three wire cable. Make sure you get the Non-grounding type if you are making the thing like original. WHat you want is a cable that can handle 30 amps without bursting into flames.

There is a mention in the T-368 manual about running the HV transformer directly off of a 115 VAC variac so you can control the power output. Read it carefully, before making changes.

The bolts for mounting the TN-339 are 1/4-20 as is the the metal standoffs which are the 1.25 length type, and you will need four star washers, and four 1/4-20 wing nuts and 1/4 flatwashers. that will hold it, from the original drawing.

If you find there are no direct shorts on the HV line, check the HV "shoe" in the RF compartment left side facing, and see if the shoe is bent and touching ground.

I can look up the part number for the power connectors if you can't find them. Also the blower motor has replace-able bearings if it is noisy.

The shock mount base is similar to the one used on the BC-610(D) thourgh (I) models they are quite heavy, if you are suffering tip-over problems, consider a firniture from Harbor Freight, they can handle the weight, and the rollers are spaced such that when the unit is centered on the mover it won't tip over. Works great for BC-610s also.

If the rig hasn't been on in a while, check the blower under the 4-400, since if it was used in a home there may be 'fuzzies' traped under the chassis where the blower is, which decreases air flow past the tube.

Last but not least, check the OA2s on the mod deck.
Jim
WB2FCN
"Yet another T-368 goes on the air.

----- Original Message -----
From: Todd, KA1KAQ
To: T-368
Sent: Wednesday, August 22, 2007 1:19 PM
Subject: [T-368_BC-610] Power Connector and Other Info Requested

Yes, well...the time has come for me to deal with the T-368D in preparation for use as the 'Classic AM' station at NEAR-Fest II.

Haven't done a thing with it since receiving it last October, beyond powering it up and promptly dumping the overloads and house breaker when I flipped the PLATE RELAY switch up.

First thing it needs before going further is a decent power connector set up. Someone swapped out the original for a 2-prong Cannon connector with pin spacing such that the plug has arc tracks between the metal case and one of the holes. Curious to know what the consensus is as to the best connector to use. I'm guessing something along the lines of a 3-prong twist-lock Hubbell type or ? I'd like to go with something that at least looks close to stock with respect to the cabinet mount.

Second thing will be to figure out what's causing the big BANG noise when I flip the Plate Relay switch up. I learned about the interlock issues a couple decades ago, but never having a transmitter in front of me to play with, couldn't do much beyond trying to visualize.

Lastly, I'd like to locate a few bits for it. None of it is required for getting the thing set for NEAR-Fest, of course.

First and foremost, a shockmount base would be great. It's currently mounted on casters in place of the shocks, but this makes it a bit too tippy for my liking. And while these mounts probably aren't terribly common, you don't know unless you ask. Surely someone has a few spares kicking around the garage? Workshop? Kitchen? In the trunk of the trusty KIA Rio?

Also need to get the little side pouch for the data cards. Not that I have the book or cards to go inside, but it would be good to use the holes on at least one side if the cabinet for something useful. I mean, how well can I expect it to work if this pouch is missing?

Equally vital are the mounting studs for the antenna tuner and whatever else was on top. I don't have the 'correct' gray unit (939B?) for it, but do have the earlier black model that paired up with the Beastly 610 to trade off someday.

BTW, this transmitter hasn't been on the air for a few years. It was last used by a fellow in R.I. who later sold it to my friend Dave, W1DEC, who gave it to me last October as a wedding gift. Since Dave is planning to attend NEAR-Fest, I figure the least I can do is have his old transmitter working? That's the hope, at least.

Thanks -

~ Todd/'Boomer' KA1KAQ

[Non-text portions of this message have been removed]

# 2984. Re: [T-368_BC-610] Power Connector and Other Info Requested

Yahoo group: T-368_BC-610
Date: 2007-08-24 14:48:07 UTC
From: Todd, KA1KAQ
Topic: 2976  Message: 2984

Thanks, Jim -

I'm going to spend a bit of time with the rig this weekend, meant to get a good look this week but been too busy, getting home late, etc.

I can tell you this much: the meter is *not* recessed an inch or two like many stock models I've seen. It sits right up in the panel like the others and is a very nice match. So I'm thinking it's already been addressed. Maybe 5-7 years ago it was on the air in use, then Dave made a deal for it but before he picked it up the HV problem developed.

As far as the power connector goes, I'm not as concerned with originality as I am with safety. I mainly want to get something that looks and fits like the original, but a safer version to allow for proper electrical grounding. I've seen a few from Hubbell and others, just none with the metal apron for chassis mounting. So plastic/nylon will have to do.

Joe sent along the info on the spacers also, they seem to be the odd part to find. Another list member thinks he may have some spares, if so I'll pick up the rest of the hardware from Robert and be good to go.

Which leaves the side pocket/pouch and shockmount to locate, neither of which are terribly important in the near term. Two friends have offered their bases as templates if I want to get one welded up. Spare time being what it is these days (non-existent), it can wait a while.

Oh yes - blowers. The 4-400 deck blower is in place and works fine/quiet. The Boeing 707 rear blower is AWOL, but I think there's a spare in one of the parts boxes. Not sure I'll need it immediately, but eventually something will get installed in there.

I'll report back on what I find. Many thanks to all!

~ Todd (known to some of the old timers as Boomer), KA1KAQ

On 8/23/07, James M. Walker <chejmw@...> wrote:
>
> Hi Todd,
> Ah Boomer, you know who you are. First thing to check, and it will sound
> silly,
> is the plate current meter. See if it sits back from the front panel by a
> spacer,
> which is usually wood but may be lexan or some non-conductive plastic,
> that
> can handle high voltage.
>
>

>

[Non-text portions of this message have been removed]

## 2985. Try this, Todd:

Yahoo group: T-368_BC-610
Date: 2007-08-24 21:36:11 UTC
From: redmenaced
Topic: 2985  Message: 2985

This is from the FILES section of this list:

Updates and additions appreciated:

The interlocks will be the most failure prone item
that needs to be checked first.

Mine ALL needed attention. Check for burned wires,
poor alignment, bent decks, squashed springs, burn
marks on the contact surfaces. These will be reliable
if taken care of.

Next is to clean, then clean, then clean some more.
All of the HV ceramics should be cleaned to remove any
oily stuff that will conduct.

Check all the spark gaps on the HV components, set
them according to the book. Check the HV wire on the
power supply deck for cracks or dried out insulation,
especially where it goes through the holes in the
deck. Big problem there, the older decks ran both
wires through one hole, the newer ones used separate
holes for each wire. Arc overs in these holes are
tough to find!

Clean the plate coil to remove anything that will
conduct, spiders, dust, etc.

Check all of the HV wire for bad, pinched, or cracked
insulation.

Check the wiring harness where it runs behind the deck front cover
bolts for pinched places.

Check the antenna relay for corroded connections, my
decks were ok, but I think my cabinet got into some
salt water somewhere as all of the antenna relay
connections were corroded like they'd been on New York
highways in the winter. Also, check the relay for proper voltage,
it's different between models. Make sure your cabinet has the right
modules in it.

Oh, ... check the HV wiring and insulators to see that
they're clean and in good shape,..... did I mention
that yet?

Check the pick up shoe on the RF deck for a good
contact and alignment.

Check the BNC connectors on the speech amp for solid ground, check all of the audio line for good grounds on the stuff that is supposed to be grounded. This is where ultra-sonic modulation starts, not good.

Install a new three wire, 10 gauge power cord and make sure its grounded well inside the transmitter. I removed the plug on the back and put a 1 1/4" X 3/4" Plumbing reducer in the hole held in with a 1 1/4" electrical lock nut. Inside that I put a Kellem-type strain relief connector sized for the 10/3 cord.

This should be connected to a 30 Amp 120 volt circuit. Well grounded, of course. Check your NEUTRAL bar connections to see if they are tight, this type of load will put a lot of current on the neutral in your panel.

And then if you get that far, check the HV insulators for cracks and to see that they are clean, also pay special attention to the insulation on the HV in the power supply deck.

Check the cabling in the RF deck to be sure its not in the FSK mode, you'll need the manual for that.

Check the fuse size in the power supply deck. Fuses do get old and stressed, better spring for a few new ones.

Put new bearings in the fan motors. Its not too hard to do.

Check the condition of the Filament Voltage pot, this gets very hot, mine had a Chernobyl spot on it.

I had one relay that had one set of contacts welded shut, so you may want to check the function of all of them before you put power to it.

Not a bad idea to go through the manual and do the resistance checks at every tube socket and plug. This will give you a "baseline" for later troubleshooting, you'll know what it did when you got it, before the trouble showed up. This may also show problems if there are any.

Just my ideas,

Joe KG2CI

# 2986. Re: [T-368_BC-610] Power Connector and Other Info Requested

Yahoo group: T-368_BC-610
Date: 2007-08-24 21:48:59 UTC
From: Joe Foley
Topic: 2976  Message: 2986

The spacers are available at most hardwares stores,
usually in the small drawers section.

The Plate Current meter not being recessed may be an
indication that the HV has been removed from the Tank
Coil, part of a common modification to produce better
audio. You can find this in the Files section of this
list. If that modification has been done there should
be an extra coil mounted on the RF deck near the
4-400.

Also, if that meter has been changed there should be
SIX mounting holes in the front panel. The phenolic
block should have mounting holes that do NOT match so
that the bolts can't go all the way through the meter,
the mounting block, and the front panel. The mounting
holes in the front panel SHOULD be at 10 O'clock, 2
O'clock and 6 O'clock. NOT at 12, 4, and 8 O'clock.

A Greenlee punch for 4" conduit will open up the fan
hole in the back panel so you can mount a nice, quiet,
muffin fan.

Joe

--- "Todd, KA1KAQ" <ka1kaq@...> wrote:

> Thanks, Jim -
>
> I'm going to spend a bit of time with the rig this
> weekend, meant to get a
> good look this week but been too busy, getting home
> late, etc.
>
> I can tell you this much: the meter is *not*
> recessed an inch or two like
> many stock models I've seen. It sits right up in the
> panel like the others
> and is a very nice match. So I'm thinking it's
> already been addressed. Maybe
> 5-7 years ago it was on the air in use, then Dave
> made a deal for it but
> before he picked it up the HV problem developed.
>
> As far as the power connector goes, I'm not as
> concerned with originality as

> I am with safety. I mainly want to get something
> that looks and fits like
> the original, but a safer version to allow for
> proper electrical grounding.
> I've seen a few from Hubbell and others, just none
> with the metal apron for
> chassis mounting. So plastic/nylon will have to do.
>
> Joe sent along the info on the spacers also, they
> seem to be the odd part to
> find. Another list member thinks he may have some
> spares, if so I'll pick up
> the rest of the hardware from Robert and be good to
> go.
>
> Which leaves the side pocket/pouch and shockmount to
> locate, neither of
> which are terribly important in the near term. Two
> friends have offered
> their bases as templates if I want to get one welded
> up. Spare time being
> what it is these days (non-existent), it can wait a
> while.
>
> Oh yes - blowers. The 4-400 deck blower is in place
> and works fine/quiet.
> The Boeing 707 rear blower is AWOL, but I think
> there's a spare in one of
> the parts boxes. Not sure I'll need it immediately,
> but eventually something
> will get installed in there.
>
> I'll report back on what I find. Many thanks to all!
>
> ~ Todd (known to some of the old timers as Boomer),
> KA1KAQ
>
> On 8/23/07, James M. Walker
> <chejmw@...> wrote:
> >
> > Hi Todd,
> > Ah Boomer, you know who you are. First thing to
> check, and it will sound
> > silly,
> > is the plate current meter. See if it sits back
> from the front panel by a
> > spacer,
> > which is usually wood but may be lexan or some
> non-conductive plastic,
> > that

> > can handle high voltage.
> >
> >
> >
>
>
> [Non-text portions of this message have been
> removed]
>
>

_____Ready for the edge of your seat?
Check out tonight's top picks on Yahoo! TV.
http://tv.yahoo.com/

# 2987. T-368 Available

Yahoo group: T-368_BC-610
Date: 2007-08-24 15:13:18 UTC
From: W5OMR/Geoff
Topic: 2987  Message: 2987

There's a complete and working T-368 available in Central Texas. The seller would prefer -not- to ship it.

Contact me off-list and I'll give you his e-mail address.

--
Driving your AM Rig without a scope,
is like driving your car at night, without headlights. (K4KYV)

--
73 = Best Regards,
-Geoff/W5OMR

# 2988. Re: Power Connector and Other Info Requested

Yahoo group: T-368_BC-610
Date: 2007-08-25 15:10:52 UTC
From: VJB
Topic: 2976  Message: 2988

I may have missed that someone has already addressed this possible source of the HV problem in Todd's T-368, but check the HV feed-through ceramics throughout the chain.

These pylons are secured with cork washers to the copper-clad chassis. Over the years the cork compresses and may no longer allow enough give when the metal heats and contracts. This can cause the ceramic to crack, and you can get a zorch between the threaded shaft in the center and the chassis.

This can be a confounding problem because the zorch path is not seen until you unbolt each of the ceramic feed-throughs and have a look!

I found two that had some convincing evidence of arc action in my 1957 Crosley "C."

_____
Be a better Globetrotter. Get better travel answers from someone who knows. Yahoo! Answers - Check it out.
http://answers.yahoo.com/dir/?link=list&sid=396545469

# 2989. Schematics for BC-610 / T-368 etc.??

Yahoo group: T-368_BC-610
Date: 2007-08-26 21:36:39 UTC
From: bearlabsusa
Topic: 2989  Message: 2989

Just a suggestion, perhaps schematics for the gear and related stuff that went with would be good to have posted up in the Database section??

I know you can download it from Bama, but on a dialup that is a lengthy process if all you want is the bloomin' schematics!

In fact I am downloading what may prove to be or not the BC-614 schematic/manual from Bama now, 8.4mb worth, which is about an hour or more on this stupid dial-up (can't get anything else out here!).

Just a thought.

_-_-WBear2GCR

# 2990. PARTS FS

Yahoo group: T-368_BC-610
Date: 2007-08-28 03:58:35 UTC
From: K0DAN
Topic: 2990  Message: 2990

I have a few parts from BC939 (?), BC610 (?), etc., which are surplus to my needs.

a) Roller inductor, labeled L5, has about 5 turns of #12 (?) wire on approx 2" diameter ceramic core. $15 + shipping

b) Amperex VC-50 fixed vacuum capacitor, approx 6.5" x 2.5". $20 + shipping

c) Jennings VC12-20 vacuum capacitor, approx 6.5" x 2.5". $20 + shipping

d) Switch assembly: this is part of a bandswitch (?) assembly , and has abpprox 4.5" shaft with spring mechanism and cloverleaf cam. No wafers or switch contacts. Free, if available, with other items.

e) Label plate, black, approx. 3.5" x 1", engraved with "Caution, before operation review TM-II-826 packd with equipment". Inlcudes screws & nuts. $5 + shipping.

Prices as listed, or $45 + shipping for the whole kit & kaboodle. (And where else can you get a kaboodle for so cheap?)

Please contact me off-list if you can use any of these.

73

Dan
K0DAN

(k0dan at comcast dot net)

# 2991. Need Parts BC-939 Ant Tuner

Yahoo group: T-368_BC-610
Date: 2007-08-28 16:20:16 UTC
From: Keith Densmore
Topic: 2991  Message: 2991

I need the large crank handle for the large inductor in this big tuner.
Also could use a very good condition Signal Corp US Army Tag.
Can anyone help??

Thanks, 73,
Keith, VE3TS

# 2992. Re: [T-368_BC-610] Power Connector and Other Info Requested

Yahoo group: T-368_BC-610
Date: 2007-08-22 18:08:33 UTC
From: wa5cab@cs.com
Topic: 2976  Message: 2992

Todd,

The gray tuner is TN-339/GR. The BC-939-B is black, like the -A.

I've never had a T-368 in the flesh but if the mounting studs for the TN-339 are the same as those for the BC-939 on the BC-610, I have several sets of equivalent new parts. I bought the pieces from McMaster a year or so ago and because of the various minimum orders, ended up with enough pieces for three BC-610's plus everthing except the hex spacers for 4 or 5 more.

BTW, I never paid any attention but what was the original AC input connector on the T-368?

In a message dated 8/22/2007 12:19:38 PM Central Daylight Time,
ka1kaq@... writes:
> Equally vital are the mounting studs for the antenna tuner and
> whatever else was on top. I don't have the 'correct' gray unit (939B?)
> for it, but do have the earlier black model that paired up with the
> Beastly 610 to trade off someday.
>

Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2993. Re: [T-368_BC-610] Power Connector and Other Info Requested

Yahoo group: T-368_BC-610
Date: 2007-08-23 19:09:36 UTC
From: wa5cab@cs.com
Topic: 2976  Message: 2993

OK. Then they aren't the same as those on the BC-610's where the 1/4-20 screw is 1-1/4" long and the threaded hex spacer is 1/2" long. So the new sets I have wouldn't work on a T-368.

In a message dated 8/23/2007 1:44:06 PM Central Daylight Time, chejmw@... writes:
> The bolts for mounting the TN-339 are 1/4-20 as is the the metal standoffs
> which are
> the 1.25 length type, and you will need four star washers, and four 1/4-20
> wing nuts
> and 1/4 flatwashers. that will hold it, from the original drawing.
>

Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 2994. bc-939 Tuner Parts

Yahoo group: T-368_BC-610
Date: 2007-08-27 17:10:26 UTC
From: Keith Densmore
Topic: 2994  Message: 2994

Hi,
There was someone parting out a Tuner BC-939 on the list awhile ago. Anyway, I could use the large crank handle that turns the large inductor. If anyone can help, I would be in your debt.

73,
Keith, ve3ts

# 2995. WTD: BC-610E RF Section

Yahoo group: T-368_BC-610
Date: 2007-09-04 18:35:58 UTC
From: Mr. David P. Goncalves
Topic: 2995  Message: 2995

Hello All,

Just got a BC-610E, with an RF section with many issues. I would like to make my job easier (already LOTS to work on just to light it up) by just replacing the RF section whole, and work on the old RF section (or part it out) after the main restoration.

I know that it is not very likely, but here it goes - is there anybody who has a junker that can spare the RF section, including the following:

Right Side Sheet Metal
Front Middle Sheet Metal
Intact coil socket
Fairly clean and intact TU plugin section

Will also consider units with most, but not all of the above. Perhaps we could swap RF sections with compensation? Not looking to buy an entire -610E.

Thanks all,

David Goncalves
W1EUJ

# 2996. BC-939-B on eBay

Yahoo group: T-368_BC-610
Date: 2007-09-04 18:46:34 UTC
From: k5lar
Topic: 2996  Message: 2996

If anyone is looking for a BC-939, one is on eBay at this time.

http://cgi.ebay.com/BC-939-B-Antenna-Tuning-Unit-for-T-368-or-BC-610_W0QQitemZ250161129595QQihZ015QQcategoryZ588QQssPageNameZWDVWQQrdZ1QQcmdZViewItem

# 2997. Hallicrafters EP 134 Station?

Yahoo group: T-368_BC-610
Date: 2007-09-05 21:56:49 UTC
From: g3vkm
Topic: 2997  Message: 2997

Hi All,

This is a "just for interest" question; I recently bought an HT-4 manual on ebay, it's entitled "Radio Transmitting Set Type EP 134" and covers the HT-4B TX, HT-5B speech amp and the AT-2 antenna tuning unit. Was the EP 134 an HT-4 for commercial or military use and what year (roughly) would it have been introduced? From the "typical packing list" in the manual it seems that the SX-28 and a Shure microphone were also part of the station. Any info appreciated.

73,

Roger/G3VKM - Norfolk, England.

[Non-text portions of this message have been removed]

# 2998. scr 399

Yahoo group: T-368_BC-610
Date: 2007-09-06 08:12:26 UTC
From: Alan Morriss
Topic: 2917  Message: 2998

HELLO EVERYONE, JUST A REMINDER THAT I AM STILL LOOKING FOR THE TYPEWRITER THAT GOES WITH THE SCR 399. IT IS FINISHED IN BLACK WRINKLE, AND IS CALLED "ARMY-NAVY TYPEWRITER PORTABLE,TELEGRAPHER'S, TYPE MX-322/U. " IT HAS GOTHIC TYPEFACE.
IT WOULD COMPLETE THE STATION, AND SOMEONE MUST KNOW WHERE ONE IS !
CHEERS, ALAN G4GEN

[Non-text portions of this message have been removed]

# 2999. Fw: Collins CU-737/URC COUPLER-MONITORWQTTMETER/TRANSMATCH

Yahoo group: T-368_BC-610
Date: 2007-09-11 03:12:54 UTC
From: K0DAN
Topic: 2999  Message: 2999

Apologies in advance if this is too far off topic, but it's close to right vintage...

CU-737/URC COUPLER-MONITOR (a.k.a. 180U2 TUNER/WATTMETER).

1KW wattmeter and tuner are mounted on a standard 19"rack panel. Wattmeter appears same/similar to the Collins 302C1 wattmeter, and also similar to the one built into the S-Line 312B-4 console. Wattmeter module has meter scale of 0-100 and 0-1000 watts, forward & reflected, and has a built-in 4" speaker with on/off switch. Tuner has a roller inductor with precision vernier, variable capacitor, and switch which adds fixed capacitors to the match. There is also a high/low impedance selector. The rear panel has a coupler for the SWR/wattmeter, which may be bypassed if desired. Unit has some scratches on the sides & top, but front panel is real clean. Photos available on request. $150 & pickup in Kansas City area or add freight to wherever you are.

Contact me off-list

k0dan at comcast dot net

# 3000. T368 bolts

Yahoo group: T-368_BC-610
Date: 2007-09-11 15:21:22 UTC
From: spiraino
Topic: 3000  Message: 3000

Some one posted a while back the needed some bolts for the T3 Modules (Drawer). I have a few .

# 3001. T368 Power Plug

Yahoo group: T-368_BC-610
Date: 2007-09-20 22:10:28 UTC
From: spiraino
Topic: 3001  Message: 3001

The Hubbel Part Number for the 2 pin Power Plug is HBL7101C. I found one at our local electical supply store.

# 3002. antenna tuner

Yahoo group: T-368_BC-610
Date: 2007-10-20 02:21:18 UTC
From: kc5vs
Topic: 1138  Message: 3002

Anybody have a BC-939 or TAC-1 for sale 73's Jack

# 3003. BC610 Crystals

Yahoo group: T-368_BC-610
Date: 2007-10-20 02:35:43 UTC
From: Bry Carling
Topic: 3003  Message: 3003

Hi folks - I have a few extra FT171B crystals left for the BC610
if anyone is interested.

You can see a complete list here:

http://www.af4k.com/FT171_crystals.htm

All the best - Brian, AF4K

# 3004. t-368

Yahoo group: T-368_BC-610
Date: 2007-10-23 02:13:49 UTC
From: craig robbins
Topic: 1812  Message: 3004

I am looking for someone to work on my t-368 ,it doesnt need that much work and for someone that knows what they are doing it should be a easy fix .I am looking for someone in ct or mass,Im hopeing i can find someone close to me .thankyou n1qng

# 3005. T368 Power Plug info

Yahoo group: T-368_BC-610
Date: 2007-10-25 15:02:41 UTC
From: William Kipping
Topic: 3005  Message: 3005

Hello to all . A while back the part number and manufacturer for the T3 power plug was given and I managed to lose it. Could I get a repeat please Thanks Bill KE7KK T368D #33

# 3006. Market valuation?

Yahoo group: T-368_BC-610
Date: 2007-10-26 14:12:50 UTC
From: VJB
Topic: 3006  Message: 3006

Taking a poll.

What is a reasonable market value for a T-368, letter model, working and clean.

I'm not talking discounted "family price," nor a frenzied ebay price, but rather a figure someone just coming into the hobby, and not knowing anyone, might expect to pay to an individual, not a dealer.

Thanks

Paul

_____
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

# 3007. Re: [T-368_BC-610] Market valuation?

Yahoo group: T-368_BC-610
Date: 2007-10-26 14:24:39 UTC
From: Joe Foley
Topic: 3006  Message: 3007

Working and clean?

$1200 to $1500

From what I've seen.

BUT, that's IF you can find one!!

Joe

--- VJB <wa3vjb@...> wrote:

> Taking a poll.
>
> What is a reasonable market value for a T-368,
> letter
> model, working and clean.
>
> I'm not talking discounted "family price," nor a
> frenzied ebay price, but rather a figure someone
> just
> coming into the hobby, and not knowing anyone, might
> expect to pay to an individual, not a dealer.
>
> Thanks
>
> Paul
>
> _____
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam
> protection around
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>

_____
Do You Yahoo!?
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# 3008. Re: [T-368_BC-610] Market valuation?

Yahoo group: T-368_BC-610
Date: 2007-10-26 14:24:48 UTC
From: Todd, KA1KAQ
Topic: 3006  Message: 3008

Late model, good condition...I'd expect to pay at least a kilobuck as an average price. Some go lower, some go higher, the better the condition and later the model, the chances it'll cost more.

Individual seller who isn't a dealer and just wants to get the rig into interested hands would be preferrable to convenience shopping on ebay, where high dollar is the rule rather than the exception.

Prices I've seen over the last few years Paul, range from Free to $3K. So $1K-$1.5K seems a reasonable expectation?

~ Todd, KA1KAQ

On 10/26/07, VJB <wa3vjb@...> wrote:
>
> Taking a poll.
>
> What is a reasonable market value for a T-368, letter
> model, working and clean.
>
> I'm not talking discounted "family price," nor a
> frenzied ebay price, but rather a figure someone just
> coming into the hobby, and not knowing anyone, might
> expect to pay to an individual, not a dealer.
>
> .
>
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>

[Non-text portions of this message have been removed]

# 3009. Re: [T-368_BC-610] Market valuation?

Yahoo group: T-368_BC-610
Date: 2007-10-26 14:50:59 UTC
From: James M. Walker
Topic: 3006  Message: 3009

Well,
If you get one from a former MARS operator, it will come with, an MD-239, CV-116, The antenna coupler TN-339, and the T-368, and that whole package goes for around 1200.00!

Back when we were all looking for them just the transmitter, "status unknown" went for around 700 - 800. No spare tubes no any extras. Just the box and in most cases not even the AC cord and connector.

FWIW
Jim
WB2FCN

----- Original Message -----
From: VJB
To: T-368_BC-610@yahoogroups.com
Sent: Friday, October 26, 2007 10:12 AM
Subject: [T-368_BC-610] Market valuation?

Taking a poll.

What is a reasonable market value for a T-368, letter model, working and clean.

I'm not talking discounted "family price," nor a frenzied ebay price, but rather a figure someone just coming into the hobby, and not knowing anyone, might expect to pay to an individual, not a dealer.

Thanks

Paul

---
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
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[Non-text portions of this message have been removed]

# 3010. RE: Re: [T-368_BC-610] Market valuation?

Yahoo group: T-368_BC-610
Date: 2007-10-26 15:05:49 UTC
From: Trevor
Topic: 3006  Message: 3010

As a point of reference, in the early '90s, Fair Radio was selling ones that Uncle Sam had refurbed
and put into storage for, if memory serves me correctly, somewhere around $6-800 depending on which
variant of letter-sub-model.

Figure in finite supply and increased demand since then, and I'd agree with others here that $1-2k
is probably the going rate depending upon a variety of details.

73
de
Trevor
KD1YT

------- Original Message -------
From : James M. Walker[mailto:chejmw@...]
Sent : 10/26/2007 10:50:59 AM
To : T-368_BC-610@yahoogroups.com; wa3vjb@...
Cc :
Subject : RE: Re: [T-368_BC-610] Market valuation?

Well,
If you get one from a former MARS operator, it will come with, an MD-239,
CV-116, The antenna coupler TN-339, and the T-368, and that whole package
goes for around 1200.00!

Back when we were all looking for them just the transmitter, "status unknown"
went for around 700 - 800. No spare tubes no any extras. Just the box and in
most cases not even the AC cord and connector.

FWIW
Jim
WB2FCN

----- Original Message -----
From: VJB
To: T-368_BC-610@yahoogroups.com
Sent: Friday, October 26, 2007 10:12 AM
Subject: [T-368_BC-610] Market valuation?

Taking a poll.

What is a reasonable market value for a T-368, letter
model, working and clean.

I'm not talking discounted "family price," nor a
frenzied ebay price, but rather a figure someone just
coming into the hobby, and not knowing anyone, might
expect to pay to an individual, not a dealer.

Thanks

Paul

---
Do You Yahoo!?
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[Non-text portions of this message have been removed]

# 3011. WTD: HS-11 "Telephone Style" handset

Yahoo group: T-368_BC-610
Date: 2007-10-26 19:16:44 UTC
From: g3vkm
Topic: 3011  Message: 3011

Hi,

Anyone have an HS-11 handset they'd like to dispose of? Need one for my BC-669.

73,

Roger Basford, G3VKM - Norfolk, England.

# 3012. Crushed 'em!!

Yahoo group: T-368_BC-610
Date: 2007-10-26 23:57:12 UTC
From: Joe Foley
Topic: 3012  Message: 3012

> I saw stacks of them sitting outside in the early
> '90's at Griffiss AFB and at Seneca Army Depot, we
> were waiting for them to come up for auction but it
> never happened, they were crushed.
>
> Joe
>
>
>
> --- Trevor <kd1yt@...> wrote:
>
> > As a point of reference, in the early '90s, Fair
> > Radio was selling ones that Uncle Sam had refurbed
>
> > and put into storage for, if memory serves me
> > correctly, somewhere around $6-800 depending on
> > which
> > variant of letter-sub-model.
> >
> > Figure in finite supply and increased demand since
> > then, and I'd agree with others here that $1-2k
> > is probably the going rate depending upon a
> variety
> > of details.
> >
> > 73
> > de
> > Trevor
> > KD1YT
> >
> > ------- Original Message -------
> > From : James M.
> > Walker[mailto:chejmw@...]
> > Sent : 10/26/2007 10:50:59 AM
> > To : T-368_BC-610@yahoogroups.com;
> > wa3vjb@...
> > Cc :
> > Subject : RE: Re: [T-368_BC-610] Market valuation?
> >
> > Well,
> > If you get one from a former MARS operator, it
> will
> > come with, an MD-239,
> > CV-116, The antenna coupler TN-339, and the T-368,
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> > goes for around 1200.00!
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> > transmitter, "status unknown"
> > went for around 700 - 800. No spare tubes no any
> > extras. Just the box and in
> > most cases not even the AC cord and connector.
> >
> > FWIW
> > Jim
> > WB2FCN
> >
> > ----- Original Message -----
> > From: VJB
> > To: T-368_BC-610@yahoogroups.com
> > Sent: Friday, October 26, 2007 10:12 AM
> > Subject: [T-368_BC-610] Market valuation?
> >
> >
> > Taking a poll.
> >
> > What is a reasonable market value for a T-368,
> > letter
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> > coming into the hobby, and not knowing anyone,
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> >
> > Thanks
> >
> > Paul
> >
> >
> ------------------------------------------------
> > Do You Yahoo!?
> > Tired of spam? Yahoo! Mail has the best spam
> > protection around
> > http://mail.yahoo.com
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> > [Non-text portions of this message have been
> > removed]
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> _____
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam
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_____
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

# 3013. T-368 value

Yahoo group: T-368_BC-610
Date: 2007-10-27 16:03:25 UTC
From: Steve Hobensack
Topic: 3013  Message: 3013

Why does it have to be a letter model? I have the basic model, no letter (Barker/Williamson serial 75, 1953). The relays are open face, which means I can service them. The plate transformer has dual 120 volt primaries, which means I can modify for 240 volt input.
...Steve...N8YE

---
Peek-a-boo FREE Tricks & Treats for You!
http://www.reallivemoms.com?ocid=TXT_TAGHM&loc=us

[Non-text portions of this message have been removed]

# 3014. Re: [T-368_BC-610] T-368 value

Yahoo group: T-368_BC-610
Date: 2007-10-27 18:30:23 UTC
From: w7qho@aol.com
Topic: 3013  Message: 3014

In a message dated 10/27/07 9:04:10 AM, stevehobensack@... writes:

> Why does it have to be a letter model? I have the basic model, no letter
> (Barker/Williamson serial 75, 1953). The relays are open face, which means I
> can service them. The plate transformer has dual 120 volt primaries, which
> means I can modify for 240 volt input.
> ...Steve...N8YE
>

Why indeed...? The sealed relay driving the plate xformer in the later
models is underrated and especially failure prone. Lettered models regulate the
PTO tube heater voltage but I have found my Basic to be more frequency stable
than my C. Also, be aware that any T-368 one may find on the market today is
likely to be a hybrid. The power supplies are compatible across all models
as far as I can determine. Modulators are also interchangeable (except in
the case of the very late models) and a lot of drawer swapping apparently took
place at the depots.

Dennis D. W7QHO
Glendale, CA

**********
See what's new at http://www.aol.com

[Non-text portions of this message have been removed]

# 3015. Question about fan in T-368

Yahoo group: T-368_BC-610
Date: 2007-10-27 18:51:25 UTC
From: Tom Norris
Topic: 3015  Message: 3015

What are the flow and pressure specs for the original blower on the rear of the T-368?

Also....

At one time Joe Foley (I think) commented on replacing it with a much quiet Rotron/Muffin fan, I just wanted to know if anyone did that mod and if so, what model/spec did they use?

Tom Norris NU4G
r390a@...

"There is no present. There's only the immediate future and the recent past"

# 3016. scr 499

Yahoo group: T-368_BC-610
Date: 2007-10-27 21:29:39 UTC
From: Alan Morriss
Topic: 3016  Message: 3016

hello everyone. a little while ago, i was sent some photos of an scr 499 shelter with what looks like late and good equipment inside. it seems to be owned by a ham, and in use. it is situated in what looks like a farmyard in turkey.
if anyone wants an adventure to go there and buy it, i can put them in touch.
there are quite a number of scr 399 shelters with gear in holland. alan g4gen

[Non-text portions of this message have been removed]

# 3017. T-368 value

Yahoo group: T-368_BC-610
Date: 2007-10-28 16:47:51 UTC
From: VJB
Topic: 3013  Message: 3017

Thanks for the valuation responses.
As with R390A, the kind of life suffered by a given
example is probably more important to the value than
which model or contract it happens to be from.

That said, there are some points I'd consider, if by
good chance two transmitters presented themselves for
sale in about the same condition.

The plate transformer in the "basic" model power
supply has a dual primary 120/240 VAC that I always
wanted to acquire. All subsequent models were 120VAC
only, with peak current up around 20A, whee !

Also, there are a few incompatibilities when mixing
and matching drawers, as most on here already know.
There are two sets of voltages for the exciter relays,
depending on which model of transmitter.

I totally agree on the open frame relays and service
compared to the sealed relays.

However, I would prefer the ceramic/vacuum T/R relay
of the E/F over the open frame job of the earlier
models, believing it's less prone to arc damage.

---------------------------------------------------
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# 3018. Re: [T-368_BC-610] T-368 value

Yahoo group: T-368_BC-610
Date: 2007-10-29 14:12:32 UTC
From: Todd, KA1KAQ
Topic: 3013  Message: 3018

On 10/27/07, w7qho@... <w7qho@...> wrote:
>
>
> In a message dated 10/27/07 9:04:10 AM,
stevehobensack@...<stevehobensack%40hotmail.com>writes:
>
> > Why does it have to be a letter model? I have the basic model, no letter
>
> > (Barker/Williamson serial 75, 1953). The relays are open face, which
> means I
> > can service them. The plate transformer has dual 120 volt primaries,
> which
> > means I can modify for 240 volt input.
>
> Why indeed...? The sealed relay driving the plate xformer in the later
> models is underrated and especially failure prone. Lettered models
> regulate the
> PTO tube heater voltage but I have found my Basic to be more frequency
> stable
> than my C. Also, be aware that any T-368 one may find on the market today
> is
> likely to be a hybrid. The power supplies are compatible across all models
>
> as far as I can determine. Modulators are also interchangeable (except in
> the case of the very late models) and a lot of drawer swapping apparently
> took
> place at the depots.
>

I think the reasoning is, later model equals later components, lastest upgrades, and so on. Not unlike the companion R-390A receivers, the later EAC models being more sought after by many.

But the 'junkyard/depot dog' factor is the true issue. My D model has a later(?) silk screened power supply deck that doesn't match the other two original decks. Again, like the R-390A, tags guarantee nothing as far as some perceived pedigree.

Overall condition and utility is what's most important, but a clean, matching deck E or F would probably bring the higher price due to its 'new[er]ness'. Keep in mind that many folks looking today don't initially have an appreciation for nor knowledge of the differences. They just want a "T-3".

~ Todd, KA1KAQ

[Non-text portions of this message have been removed]

# 3019. Re: [T-368_BC-610] Question about fan in T-368

Yahoo group: T-368_BC-610
Date: 2007-10-29 14:16:52 UTC
From: Todd, KA1KAQ
Topic: 3015  Message: 3019

On 10/27/07, Tom Norris <r390a@...> wrote:
>
> What are the flow and pressure specs for the original blower on the
> rear of the T-368?
>
> Also....
>
> At one time Joe Foley (I think) commented on replacing it with a much
> quiet Rotron/Muffin fan, I just wanted to know if anyone did that mod
> and if so, what model/spec did they use?
>

Tom -

The big blower in mine was removed when I got it, nowhere to be found.
Considering that the RF deck has a blower, and that the transmitter's
cooling requirements were based on a more continuous duty cycle, it makes
sense that the large blower wouldn't be needed unless you were going to run
TTY or some other key-down-intensive mode (like 20 minute AM old buzzard
transmissions).

Having a big muffin-type fan in the back would be a whole lot quieter
though, and certainly couldn't hurt.

~ Todd, KA1KAQ

[Non-text portions of this message have been removed]

# 3020. Re: [T-368_BC-610] Question about fan in T-368

Yahoo group: T-368_BC-610
Date: 2007-10-29 14:53:57 UTC
From: wf2u@starband.net
Topic: 3015  Message: 3020

The problem with the muffin fans is that they can't handle any back pressure like a blower. Back pressure is when they blow air into an enclusure which has restricted air flow due to blowing into a tube socket and intake/outflow through a filter and/or other restrictions.
I'd look into the specified airflow/backpressure into the 4-400 (I have Eimac datasheets on that and other transmitting tubes from my previous life as an RF design engineer - I designed high power tube and solid state amps) and at least double that for the enclosure.

73, Meir WF2U
Landrum, SC

> On 10/27/07, Tom Norris <r390a@...> wrote:
>>
>> What are the flow and pressure specs for the original blower on the
>> rear of the T-368?
>>
>> Also....
>>
>> At one time Joe Foley (I think) commented on replacing it with a much
>> quiet Rotron/Muffin fan, I just wanted to know if anyone did that mod
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>
> Tom -
>
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> Considering that the RF deck has a blower, and that the transmitter's
> cooling requirements were based on a more continuous duty cycle, it
> makes sense that the large blower wouldn't be needed unless you were
> going to run TTY or some other key-down-intensive mode (like 20 minute
> AM old buzzard transmissions).
>
> Having a big muffin-type fan in the back would be a whole lot quieter
> though, and certainly couldn't hurt.
>

> ~ Todd, KA1KAQ
>
>
> [Non-text portions of this message have been removed]
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>
> Yahoo! Groups Links
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# 3021. Re: [T-368_BC-610] Question about fan in T-368

Yahoo group: T-368_BC-610
Date: 2007-10-29 14:54:36 UTC
From: wf2u@starband.net
Topic: 3015  Message: 3021

The problem with the muffin fans is that they can't handle any back pressure like a blower. Back pressure is when they blow air into an enclusure which has restricted air flow due to blowing into a tube socket and intake/outflow through a filter and/or other restrictions.
I'd look into the specified airflow/backpressure into the 4-400 (I have Eimac datasheets on that and other transmitting tubes from my previous life as an RF design engineer - I designed high power tube and solid state amps) and at least double that for the enclosure.

73, Meir WF2U
Landrum, SC

> On 10/27/07, Tom Norris <r390a@...> wrote:
>>
>> What are the flow and pressure specs for the original blower on the
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> Tom -
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> going to run TTY or some other key-down-intensive mode (like 20 minute
> AM old buzzard transmissions).
>
> Having a big muffin-type fan in the back would be a whole lot quieter
> though, and certainly couldn't hurt.
>

> ~ Todd, KA1KAQ
>
>
> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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>

# 3022. Re: [T-368_BC-610] Question about fan in T-368

Yahoo group: T-368_BC-610
Date: 2007-10-29 14:54:33 UTC
From: wf2u@starband.net
Topic: 3015  Message: 3022

The problem with the muffin fans is that they can't handle any back pressure like a blower. Back pressure is when they blow air into an enclusure which has restricted air flow due to blowing into a tube socket and intake/outflow through a filter and/or other restrictions.
I'd look into the specified airflow/backpressure into the 4-400 (I have Eimac datasheets on that and other transmitting tubes from my previous life as an RF design engineer - I designed high power tube and solid state amps) and at least double that for the enclosure.

73, Meir WF2U
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> On 10/27/07, Tom Norris <r390a@...> wrote:
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> Having a big muffin-type fan in the back would be a whole lot quieter
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> ~ Todd, KA1KAQ
>
>
> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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# 3023. Re: [T-368_BC-610] T-368 value

Yahoo group: T-368_BC-610
Date: 2007-10-29 14:59:40 UTC
From: george portell
Topic: 3013  Message: 3023

hi just a note as an owner of two c models and one e
model ,i am not impressed by the vacuum relay mod they
made they, mgt`ed it to the top of the cabinet with
long app 10 " wire to the original ant box ,i found
this ry damaged and went to the mec relay in the box
configuration ,and have NOT had any trouble with any
of the t-3`s .they could have done better with the
mod.bro geo w8qbg.
--- "Todd, KA1KAQ" <ka1kaq@...> wrote:

> On 10/27/07, w7qho@... <w7qho@...> wrote:
> >
> >
> > In a message dated 10/27/07 9:04:10 AM,
>
stevehobensack@...<stevehobensack%40hotmail.com>writes:
> >
> > > Why does it have to be a letter model? I have
> the basic model, no letter
> >
> > > (Barker/Williamson serial 75, 1953). The relays
> are open face, which
> > means I
> > > can service them. The plate transformer has dual
> 120 volt primaries,
> > which
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> > Why indeed...? The sealed relay driving the plate
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> Lettered models
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> > PTO tube heater voltage but I have found my Basic
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> receivers, the later
> EAC models being more sought after by many.
>
> But the 'junkyard/depot dog' factor is the true
> issue. My D model has a
> later(?) silk screened power supply deck that
> doesn't match the other two
> original decks. Again, like the R-390A, tags
> guarantee nothing as far as
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> Overall condition and utility is what's most
> important, but a clean,
> matching deck E or F would probably bring the higher
> price due to its
> 'new[er]ness'. Keep in mind that many folks looking
> today don't initially
> have an appreciation for nor knowledge of the
> differences. They just want a
> "T-3".
>
> ~ Todd, KA1KAQ
>
>

> [Non-text portions of this message have been
> removed]
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>

---
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http://mail.yahoo.com

# 3024. Re: [T-368_BC-610] Question about fan in T-368

Yahoo group: T-368_BC-610
Date: 2007-10-29 15:09:10 UTC
From: george portell
Topic: 3015  Message: 3024

you mgt a large rotron fan on the back door after the filter ,i did this to one of mine and get much more air flow comming out from the top back vent than before but with much less noise.oh i also opened up the intake hole on the inside of the panel for full fan air flow ,and added a two prong jones plug so i could remove the back out of the way w/o having to un screw any terminals.just a note bro geo w8qbg.ps i have two c`s and one e model.t-3`s.
--- wf2u@... wrote:

> The problem with the muffin fans is that they can't
> handle any back
> pressure like a blower. Back pressure is when they
> blow air into an
> enclusure which has restricted air flow due to
> blowing into a tube socket
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> life as an RF design engineer - I designed high
> power tube and solid state
> amps) and at least double that for the enclosure.
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> 73, Meir WF2U
> Landrum, SC
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> > On 10/27/07, Tom Norris <r390a@...>
> wrote:
> >>
> >> What are the flow and pressure specs for the
> original blower on the
> >> rear of the T-368?
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> > Tom -
> >
> > The big blower in mine was removed when I got it,
> nowhere to be found.
> > Considering that the RF deck has a blower, and
> that the transmitter's
> > cooling requirements were based on a more
> continuous duty cycle, it
> > makes sense that the large blower wouldn't be
> needed unless you were
> > going to run TTY or some other key-down-intensive
> mode (like 20 minute
> > AM old buzzard transmissions).
> >
> > Having a big muffin-type fan in the back would be
> a whole lot quieter
> > though, and certainly couldn't hurt.
> >
> > ~ Todd, KA1KAQ
> >
> >
> > [Non-text portions of this message have been
> removed]
> >
> >
> >
> >
> > Yahoo! Groups Links
> >
> >
> >
>
>
>
>

---------------------------------------------------
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# 3025. Re: T-368 value

Yahoo group: T-368_BC-610
Date: 2007-10-30 12:51:09 UTC
From: VJB
Topic: 3013  Message: 3025

George thanks for the user experience on the T/R
relay. I never had my hands on one, but have had to
clean the open frame T/R relay, and carve off a carbon
path on the bakelite from what appeared to be damage
from a nearby lightning strike.

Nice that I could actually GET to those surfaces to
clean and inspect, hi hi FB.

Paul/VJB

---
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

# 3026. Re: T-368 value

Yahoo group: T-368_BC-610
Date: 2007-10-30 12:51:19 UTC
From: VJB
Topic: 3013  Message: 3026

George thanks for the user experience on the T/R
relay. I never had my hands on one, but have had to
clean the open frame T/R relay, and carve off a carbon
path on the bakelite from what appeared to be damage
from a nearby lightning strike.

Nice that I could actually GET to those surfaces to
clean and inspect, hi hi FB.

Paul/VJB

---
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

# 3027. plate power switch

Yahoo group: T-368_BC-610
Date: 2007-11-15 21:43:09 UTC
From: n8lka
Topic: 3027  Message: 3027

I was using my T368C the other morning on 160 meter and everything worked fine. the next morning I turned the T368C on and after 25 seconds or so I did not hear the relay kick in. Now I have no filiment voltage. I checked all the interlocks and there in good shape. I did notice that the blower for the 400 tube is not even runing. Any ideas on where to look would be appreciated. Gary

# 3028. RE: [T-368_BC-610] Digest Number 1248

Yahoo group: T-368_BC-610
Date: 2007-11-16 13:47:45 UTC
From: Steve Hobensack
Topic: 3028  Message: 3028

Gary, check the adjustable filament rheostat and associated circuitry for an open circuit. Check the thermal reset button.
....Steve...N8YE

Date: Fri, 16 Nov 2007 12:34:41 +0000From: T-368_BC-610@yahoogroups.comTo: T-368_BC-610@yahoogroups.comSubject: [T-368_BC-610] Digest Number 1248

This list concerns the operation, maintenance, and repair of the T-368 and BC-610 military surplus HF radio transmitters especi

Messages In This Digest (1 Message)

1.
plate power switch From: n8lka
View All Topics | Create New Topic
Message

1.

plate power switch
Posted by: 'n8lka' n8lka1@peoplepc.com n8lka
Thu Nov 15, 2007 1:43 pm (PST)
I was using my T368C the other morning on 160 meter and everything worked fine. the next morning I turned the T368C on and after 25 seconds or so I did not hear the relay kick in. Now I have no filiment voltage. I checked all the interlocks and there in good shape. I did notice that the blower for the 400 tube is not even runing. Any ideas on where to look would be appreciated. Gary

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[Non-text portions of this message have been removed]

# 3029. update t3

Yahoo group: T-368_BC-610
Date: 2007-11-18 12:38:05 UTC
From: n8lka
Topic: 3029  Message: 3029

I wish to thank all of those who help me.I thought the problem was in the delay relay or maybe the interlocks,but as it turns out it is the filament rheostat r18. I had a few people tell me that might be the problem,but I did not see any burnt spots on it,I did check it with my ohm meter.Now I hope I can find one

# 3030. RE: T-368 fil rheostat

Yahoo group: T-368_BC-610
Date: 2007-11-18 13:21:41 UTC
From: Steve Hobensack
Topic: 3030  Message: 3030

I have repaired similar units. All one needs is a light with a magnifier glass, and a VOM. By carefully probing of each turn, an open can be found. This resistance wire cannot be soldered but a twist splice will work if not in the path of the wiper. An Ebay favorite search under "rheostat" might get results but probably after months of waiting for a unit of the right size and resistance. I have thought of replacing that rheostat with a small variac because there is a lot of heat dissipated by the front panel.
....Steve...N8YE

Date: Sun, 18 Nov 2007 12:47:54 +0000From: T-368_BC-610@yahoogroups.comTo: T-368_BC-610@yahoogroups.comSubject: [T-368_BC-610] Digest Number 1250

This list concerns the operation, maintenance, and repair of the T-368 and BC-610 military surplus HF radio transmitters especi

Messages In This Digest (1 Message)

1.
update t3 From: n8lka
View All Topics | Create New Topic
Message

1.

update t3
Posted by: 'n8lka' n8lka1@... n8lka
Sun Nov 18, 2007 4:38 am (PST)
I wish to thank all of those who help me.I thought the problem was in the delay relay or maybe the interlocks,but as it turns out it is the filament rheostat r18. I had a few people tell me that might be the problem,but I did not see any burnt spots on it,I did check it with my ohm meter.Now I hope I can find one

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Connect and share in new ways with Windows Live.
http://www.windowslive.com/connect.html?ocid=TXT_TAGLM_Wave2_newways_112007

[Non-text portions of this message have been removed]

# 3031. T-3 for sale, with extras!

Yahoo group: T-368_BC-610
Date: 2007-11-18 18:18:27 UTC
From: redmenaced
Topic: 3031  Message: 3031

http://amfone.net/Amforum/index.php?topic=12504.0

# 3032. WANTED BC-939 or TAC-1 tuner, TU-49 and TU-54 tuning units

Yahoo group: T-368_BC-610
Date: 2007-12-05 15:56:39 UTC
From: kc5vs
Topic: 3032  Message: 3032

Still looking for the above units. Also added the TU-49 and TU-54 tuning units. Thanks, Jack KC5VS

# 3033. Re: WANTED BC-939 or TAC-1 tuner, TU-49 and TU-54 tuning units

Yahoo group: T-368_BC-610
Date: 2007-12-07 15:50:07 UTC
From: kc5vs
Topic: 3032  Message: 3033

--- In T-368_BC-610@yahoogroups.com, "kc5vs" <applejack@...> wrote:
>
> Still looking for the above units. Also added the TU-49 and TU-54
> tuning units. Thanks, Jack KC5VS
>
David the tuning units looks are not that important just that
everything is there in workable condition Jack KC5VS

# 3034. IARU bandplan and ARRL reax

Yahoo group: T-368_BC-610
Date: 2007-12-08 14:35:01 UTC
From: VJB
Topic: 3034  Message: 3034

Folks,

I know the T-368 list does not ordinarily carry material not directly related to transmitters, but there is a matter to be aware of as a user or appreciative fan of the T-3 and Beastie 610.

As you will read from the following article, the ARRL has signed an IARU bandplan that it has no intention of complying with, but which carries a risk of unwittingly portraying U.S. licensees as supporting specific bandwidths.

The designated bandwidth in the IARU Region 2 plan applied to North America is 2.7Kc.

Please consider contacting your ARRL representatives if your agreee this is a problem that they should immediately address. The goal is a voluntary plan we all can support, not the creation of a plan that we should ignore at our peril.

Thanks for considering. Full permission granted to further distribute to other reflectors and individuals who may be of like-mind. If you so, kindly include this little introduction, and change my sendout email to WA3VJB@... to indicate I am indeed a subscriber to the League.

Paul/VJB
~~~~~~~~
ARRL tries to calm bandplan controversy
from Paul Courson (WA3VJB) December 7, 2007

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A statement from the Newington-based group follows widespread concerns, letter-writing campaigns, and internet discussions that are critical of the details and the fact they were developed out-of-view of the licensees who ordinarily would support voluntary bandplanning.
~~~~~~~~

"During the conference, held September 10-14 in Brasilia, representatives from IARU Region 2 societies met in committees prior to a final plenary session and adopted recommendations," the League statement says.

The plan is the result of nearly two years of planning, according to an email from ARRL corporate executive Dave Sumner, K1ZZ. But that planning among Region 2 delegates has not been widely publicized for U.S. amateurs. Given the controversy over the concept of a bandwidth-based coordination scheme, the ARRL's endorsement of the plan has surprised many, including officials at the FCC when queries began to come in.

Many American hams are disappointed they may not be able to support the voluntary plan, and complained that the ARRL acted without their informed consent when it endorsed provisions that do not match U.S. operating patterns and could be used in future regulatory proposals.

In a website announcement nearly two months after the Brazil decision, the League downplays the lost support by emphasizing that U.S. amateurs need not comply with the measure which specifies a 2.7 kHz bandwidth for popular voice modes.

"There is also a mistaken assumption that the new IARU Region 2 band plan is an ARRL initiative seeking regulation by bandwidth. It is not, nor is it in any way a vehicle to achieve regulation by bandwidth," according to the unsigned ARRL message distributed in advance Dec. 7 to certain U.S. licensees who had written ARRL officials complaining they had no warning or opportunity to suggest alternatives.

The IARU concept of using bandwidth to coordinate modes and activities on HF is similar to the ARRL's failed petition last year to the FCC, which the group withdrew from the agency at a time of heavy opposition from both its subscribers and the greater amateur community in the U.S.

League officials, apparently misunderstanding the message from their constituents, continue to threaten to again submit such a petition in the future, when "some degree of consensus can be achieved in the amateur community," the new statement says.

Two sources within the IARU have confirmed that the suggestion of using bandwidth in the Region 2 scheme came directly from the League's Paul Rinaldo, 76, a paid staffer who has made it a mission to use the U.S.

regulatory system to force acceptance of digital communications, a category not popular in the Amateur Service.

The League attributes the enumerated bandwidth specifications to an IARU plan approved earlier for the European Region 1. But neither the ARRL nor key Region 1 officials explain why they prefer troublesome bandwidth parameters instead of the longstanding, accepted system of grouping modes by type to coordinate operating activities.

There is no technical discussion in the IARU plan that would help radio hobbyists determine whether they comply with the bandwidths specified. It was this same shortcoming as a factor that doomed the ARRL's Petition to the FCC, RM-11306, according to comments filed in the agency's public record.

League officials surrendered in that domestic arena before the FCC could act. Some critics believe the IARU step was an "end run" to an international venue where delegates may not have been aware of the extent of opposition to enumerated bandwidth among U.S. licensees.

U.S. League planners at the international venue have been mute as to why the IARU could not achieve a voluntary coordination scheme through generalized references to signal footprint, such as "wide," "medium," and "narrow," which would have been easier to grasp and implement.

"Many countries do not have government-regulated sub-bands within their amateur allocation," the League asserts in its December statement. But ARRL officials have not named a single country whose licensees would benefit from the new Region 2 plan using a bandwidth scheme.

Also of concern is the ARRL's reliance on specifications contained in documents of the International Telecommunications Union. The ITU takes suggestions from volunteer groups like the IARU, but does not typically initiate regulatory recommendations for radio hobbyists unless governments have expressed a clear trend the ITU may address.

One familiar example is the ITU's recognition of governments that discontinued the Morse code licensing element, which eventually led the FCC to also drop the requirement.

And despite the League's assertion it does not plan to use the new international plan as part of a new thrust for its agenda at the FCC, it's a different story on the IARU website. "It is suggested that Member Societies, in coordination with the authorities, incorporate it in their regulations and promote it widely with their amateur communities."

The League, charged with speaking at the IARU for all U.S. licensees, did not excuse itself from the call to promote the plan to the FCC and American hams. ARRL officials have not responded to questions whether they opposed enumerated bandwidths in IARU deliberations, based on a record of expressed opposition by their U.S. constituents.

ARRL President Joel Harrison, W5ZH, responding to emails in recent weeks from U.S. licensees concerned that they will not be able to support the IARU plan, said the ARRL's Board of Directors would have developed a policy for the League's representative(s) at September's IARU deliberations in Brazil.

But Harrison has not responded to requests to disclose that advance planning, confirm that it actually took place, and to somehow demonstrate that U.S. licensees were polled on the prospect of adding bandwidth overlays to the Region 2 plan.

The website statement says "ARRL has conducted an open process of soliciting input regarding matters of importance to the Amateur Radio Service. That will continue prior to the submission of any proposals for future regulatory changes to improve the Amateur Radio Service."

The apparent secrecy ahead of the IARU conference was the subject of an article in the December CQ Magazine. Editor Rich Moseson has been critical of the League's tendency to plan its policy and regulatory proposals without adequate input from U.S. licensees.

And now in the aftermath, with explanations that some deem incomplete and unsatisfactory from elected and paid ARRL officials, there are subscribers who insist they will not renew when their dues expire.

Steve Johnston, WD8DAS, wrote "I am a long-time member of the ARRL, and my respectful and gently-expressed opinions on the bandplan have been ignored, insulted, attacked, scorned, belittled, and pooh-poohed."

Particularly egregious was a patronizing email sent to a large group by the ARRL's George R. Isely, W9GIG, the elected Central Division Director. He was responding to concerns expressed by active U.S. licensees in their letters to him and other IARU and ARRL officials.

"The current mini-uproar is the result of a very few ignorant people with issues making postings to various un-moderated Internet email reflectors," Isley said in part. He later apologized to Johnston, but did not issue a revised notice to his constituents.

Harrison, the ARRL president, said "I don't believe good operating practice should be mandated by regulation." Harrison apparently disagrees with FCC ?97.101, which states in part "each amateur station must be operated in accordance with good engineering and good amateur practice."

Given his suggestion the U.S. can ignore the IARU plan, Harrison did not address why his club did not formally ask to be excused from the international body's call to now pitch the plan to U.S. and other regulators.

Among the hams confronting the ARRL for its role in the IARU plan, John Fitzsimmons, W3JN wrote "I think the suspicion is that once all of these bandplans line up, the goal of the ARRL is perhaps to lobby the ITU to institutionalize them at the next ITU WRC. Once so accepted by the US they would have the effect of being a treaty," he wrote.

Rinaldo met with ITU officials in late November about the planning process, according to IARU president Larry Price, who said no decisions were made at the meeting in Geneva.

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http://tools.search.yahoo.com/newsearch/category.php?category=shopping

# 3035. IARU bandplan and ARRL reaction / fix typos

Yahoo group: T-368_BC-610
Date: 2007-12-08 14:42:39 UTC
From: wa3vjb
Topic: 3032  Message: 3035

THIS ONE CORRECTS TYPOS

Folks,

I know the T-368 list does not ordinarily carry material not directly related to transmitters, but there is a matter to be aware of as a user or appreciative fan of the T-3 and Beastie 610.

As you will read from the following article, the ARRL has signed an IARU bandplan that it has no intention of complying with, but which carries a risk of unwittingly portraying U.S. licensees as supporting specific bandwidths to coordinate activities.

The designated bandwidth in the IARU Region 2 plan applied to North America is 2.7Kc, and AM is treated as a footnote not otherwise compliant with the scheme.

Please consider contacting your ARRL representatives if you agree this is a problem that they should immediately address. The goal is a voluntary plan we all can support, not the creation of a plan that we should ignore at our peril.

Thanks for considering. Full permission granted to further distribute to other reflectors and individuals who may be of like-mind. If you do so, kindly include this little introduction, and change my sendout email to WA3VJB@... to indicate I am indeed a subscriber to the League.

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Rinaldo met with ITU officials in late November about the planning process, according to IARU president Larry Price, who said no decisions were made at the meeting in Geneva.

# 3036. Help with BC610 high B+ voltage connection to RF deck

Yahoo group: T-368_BC-610
Date: 2007-12-13 18:07:29 UTC
From: Steve
Topic: 3036  Message: 3036

Some time ago, I was able to acquire a BC610. Although the exciter section works well, I am not able to get high B+ to the final 250TH. The switching circuitry (RY1, line AC voltage on primary of plate transformer) seems to work. However, there is no continuity between the plate current meter M2 and the final plate cap.

Probably, I did not properly hook up the high B+ from the modulator section to the RF section, and the manual and wiring diagrams are vague about this. Can someone tell me exactly how to hook up the high voltage to the RF section? i.e. from where on the modulator board (RY3?) to where on the RF section?

Many thanks and 73
Steve WA2DTW

# 3037. Re: [T-368_BC-610] Help with BC610 high B+ voltage connection to RF deck

Yahoo group: T-368_BC-610
Date: 2007-12-13 18:16:31 UTC
From: rbethman
Topic: 3036  Message: 3037

Steve,

The "specific" Model of BC-610 will VERY likely have a bearing on how
the HV is run.

In my BC-610(I), it comes through the Mod deck through a porcelain
insulator and goes from there to the + side of the plate current meter.

Bob - N0DGN

Steve wrote:
>
> Some time ago, I was able to acquire a BC610. Although the exciter
> section works well, I am not able to get high B+ to the final 250TH.
> The switching circuitry (RY1, line AC voltage on primary of plate
> transformer) seems to work. However, there is no continuity between
> the plate current meter M2 and the final plate cap.
>
> Probably, I did not properly hook up the high B+ from the modulator
> section to the RF section, and the manual and wiring diagrams are vague
> about this. Can someone tell me exactly how to hook up the high
> voltage to the RF section? i.e. from where on the modulator board
> (RY3?) to where on the RF section?
>
> Many thanks and 73
> Steve WA2DTW
>
>

[Non-text portions of this message have been removed]

# 3038. Re: [T-368_BC-610] Help with BC610 high B+ voltage connection to RF deck

Yahoo group: T-368_BC-610
Date: 2007-12-13 18:32:32 UTC
From: w7qho@aol.com
Topic: 3036  Message: 3038

Steve,

1. Which model of the BC-610 do you have?

2. Are you working off a schematic or one of the so called "practical"
wiring diagrams?

Dennis D. W7QHO
Glendale, CA

**********
See AOL's top rated recipes
(http://food.aol.com/top-rated-recipes?NCID=aoltop00030000000004)

[Non-text portions of this message have been removed]

# 3039. Re: [T-368_BC-610] Help with BC610 high B+ voltage connection to RF deck

Yahoo group: T-368_BC-610
Date: 2007-12-13 19:52:18 UTC
From: James M. Walker
Topic: 3036  Message: 3039

What model is it and can you take a picture of the RF deck as it stands now?
If not a better description of what is there would help. Having said that, note:
The HV comes from the modulator deck in all models, that is number 1.
next was the plate meter if an h or later replaced, and if so is it still insulated
from the chassis. Most likely not as you would have a more "glowing" description
of your problem. The HV goes to the HV RFC and the bypass cap mounted close to
the exciter deck. From there it goes to the plate coil socket (X2) wires from the coil
socket it goes to the Plate cap, the end of the plate cap nearest the 250TH has a lead
going to the tube.

Descriptions man, "I need descriptions, I'm old and suffer from "CRS", Hi, What does
the HV measure at the Modulator deck relay?
Jim
WB2FCN
"Real radios weigh 400 plus pounds, and have wheels, that means they are portable"
http://eshop1.chem.buffalo.edu

----- Original Message -----
From: Steve
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, December 13, 2007 1:07 PM
Subject: [T-368_BC-610] Help with BC610 high B+ voltage connection to RF deck

Some time ago, I was able to acquire a BC610. Although the exciter
section works well, I am not able to get high B+ to the final 250TH.
The switching circuitry (RY1, line AC voltage on primary of plate
transformer) seems to work. However, there is no continuity between
the plate current meter M2 and the final plate cap.

Probably, I did not properly hook up the high B+ from the modulator
section to the RF section, and the manual and wiring diagrams are vague
about this. Can someone tell me exactly how to hook up the high
voltage to the RF section? i.e. from where on the modulator board
(RY3?) to where on the RF section?

Many thanks and 73
Steve WA2DTW

[Non-text portions of this message have been removed]

# 3040. Re: [T-368_BC-610] Help with BC610 high B+ voltage connection to RF deck

Yahoo group: T-368_BC-610
Date: 2007-12-13 21:15:02 UTC
From: rbethman
Topic: 3036  Message: 3040

Steve,

PAY STRICT to JIM, WB2FCN !!

He restored MY BC-610(I).

He knows the VERY WELL.

I "too" suffer from CRS (Can't Remember Squat!). I ALWAYS go back to
the manual.

Bob - N0DGN

James M. Walker wrote:
>
> What model is it and can you take a picture of the RF deck as it
> stands now?
> If not a better description of what is there would help. Having said
> that, note:
> The HV comes from the modulator deck in all models, that is number 1.
> next was the plate meter if an h or later replaced, and if so is it
> still insulated
> from the chassis. Most likely not as you would have a more "glowing"
> description
> of your problem. The HV goes to the HV RFC and the bypass cap mounted
> close to
> the exciter deck. From there it goes to the plate coil socket (X2)
> wires from the coil socket it goes to the Plate cap, the end of the
> plate cap nearest the 250TH has a lead going to the tube.
>
> Descriptions man, "I need descriptions, I'm old and suffer from "CRS",
> Hi, What does
> the HV measure at the Modulator deck relay?
> Jim
> WB2FCN
> "Real radios weigh 400 plus pounds, and have wheels, that means they
> are portable"
> http://eshop1.chem.buffalo.edu <http://eshop1.chem.buffalo.edu>
>
> ----- Original Message -----
> From: Steve
> To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> Sent: Thursday, December 13, 2007 1:07 PM
> Subject: [T-368_BC-610] Help with BC610 high B+ voltage connection to
> RF deck

>
> Some time ago, I was able to acquire a BC610. Although the exciter
> section works well, I am not able to get high B+ to the final 250TH.
> The switching circuitry (RY1, line AC voltage on primary of plate
> transformer) seems to work. However, there is no continuity between
> the plate current meter M2 and the final plate cap.
>
> Probably, I did not properly hook up the high B+ from the modulator
> section to the RF section, and the manual and wiring diagrams are vague
> about this. Can someone tell me exactly how to hook up the high
> voltage to the RF section? i.e. from where on the modulator board
> (RY3?) to where on the RF section?
>
> Many thanks and 73
> Steve WA2DTW
>
> [Non-text portions of this message have been removed]
>
>

# 3042. External VFO for the BC-610?

Yahoo group: T-368_BC-610
Date: 2007-12-20 15:30:12 UTC
From: g3vkm
Topic: 3042  Message: 3042

Hi All,

Does anyone have any tips on using an external VFO with the BC-610,
mainly for CW operation? I have a pair of good Heathkit HG-10Bs here
and would like to use one on 80 and 40 metres, using a standalone PSU.
Have a feeling there was something in Electric Radio magazine about
this topic a while ago, (by N6PY?) but can't lay my hands on it right now.

73 for 2008,

Roger/G3VKM

# 3043. RE: [T-368_BC-610] External VFO for the BC-610?

Yahoo group: T-368_BC-610
Date: 2007-12-20 15:50:45 UTC
From: Dave Bock
Topic: 3042  Message: 3043

While I cannot speak for the BC-610, it being some thirty-five plus years since I owned one, I do use the Argonaut V with an attenuator with the T-368 as an external VFO. TCXO is a plus. The PTT output is really the Argonaut V input which has a very low current switch to zero when keyed and I use a DFET to drive a relay for switch over.

I drive the T-368 with about .125-.25 watts. Of course, unless you happen to have an Argonaut V, this is not a cheap way to drive the big iron.

But, never any doubt about where I am. Plugs right into the T-368 VFO deck from the front panel. I use the 50 ohm input and not the 1000 ohm input to the exciter.

Dave WA6PRL

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]On Behalf Of g3vkm
Sent: Thursday, December 20, 2007 10:30 AM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] External VFO for the BC-610?

Hi All,

Does anyone have any tips on using an external VFO with the BC-610, mainly for CW operation? I have a pair of good Heathkit HG-10Bs here and would like to use one on 80 and 40 metres, using a standalone PSU. Have a feeling there was something in Electric Radio magazine about this topic a while ago, (by N6PY?) but can't lay my hands on it right now.

73 for 2008,

Roger/G3VKM

[Non-text portions of this message have been removed]

# 3044. RE: [T-368_BC-610] External VFO for the BC-610?

Yahoo group: T-368_BC-610
Date: 2007-12-20 15:50:52 UTC
From: Rick Brashear
Topic: 3042  Message: 3044

Hi Roger..

I just feed the VFO output into one of the crystal sockets on a tuning unit.
I have an old crystal I gutted and use as the plug. No problems with a
Johnson vfo and I'm sure the Heath would work equally well.

Merry Christmas..
Rick/K5IAR

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On
Behalf Of g3vkm
Sent: Thursday, December 20, 2007 9:30 AM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] External VFO for the BC-610?

Hi All,

Does anyone have any tips on using an external VFO with the BC-610,
mainly for CW operation? I have a pair of good Heathkit HG-10Bs here
and would like to use one on 80 and 40 metres, using a standalone PSU.
Have a feeling there was something in Electric Radio magazine about
this topic a while ago, (by N6PY?) but can't lay my hands on it right now.

73 for 2008,

Roger/G3VKM

[Non-text portions of this message have been removed]

# 3045. Re: [T-368_BC-610] External VFO for the BC-610?

Yahoo group: T-368_BC-610
Date: 2007-12-20 17:41:35 UTC
From: george portell
Topic: 3042  Message: 3045

hi rogeri have 5 b-c810`s ,i use heath vf1&`meisner
sig shifters and on 20m i use a t-368 vfo because of
the low drift.they all work great the shifters drive
the807`s the others go to the xtal socket.im using
lower b+ and a 6au5 to lower the drive to the 6v6 in
the 610 gud luck
--- g3vkm <Roger@...> wrote:

> Hi All,
>
> Does anyone have any tips on using an external VFO
> with the BC-610,
> mainly for CW operation? I have a pair of good
> Heathkit HG-10Bs here
> and would like to use one on 80 and 40 metres, using
> a standalone PSU.
> Have a feeling there was something in Electric Radio
> magazine about
> this topic a while ago, (by N6PY?) but can't lay my
> hands on it right now.
>
> 73 for 2008,
>
>
> Roger/G3VKM
>
>
>
>

---
Never miss a thing. Make Yahoo your home page.
http://www.yahoo.com/r/hs

# 3046. Re: [T-368_BC-610] External VFO for the BC-610?

Yahoo group: T-368_BC-610
Date: 2007-12-20 19:13:57 UTC
From: Tom Smith
Topic: 3042  Message: 3046

I built a small supply for a Collins T-195 PTO and feed the output of
that right into the crystal socket of the TU. The plug is a crystal
holder with the crystal removed and the PTO lead soldered to the pins.
Plenty of drive and rock stable.

Good luck, Merry Christmas and happy new year,

Tom N5AMA

On Thu, 20 Dec 2007 15:30:12 -0000
"g3vkm" <Roger@...> wrote:
> Hi All,
>
> Does anyone have any tips on using an external VFO with the BC-610,
> mainly for CW operation? I have a pair of good Heathkit HG-10Bs here
> and would like to use one on 80 and 40 metres, using a standalone
>PSU.
> Have a feeling there was something in Electric Radio magazine about
> this topic a while ago, (by N6PY?) but can't lay my hands on it
>right now.
>
> 73 for 2008,
>
>
> Roger/G3VKM
>
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>
> Yahoo! Groups Links
>
>
>

# 3047. RE: [T-368_BC-610] External VFO for the BC-610?

Yahoo group: T-368_BC-610
Date: 2007-12-20 19:22:14 UTC
From: Rick Brashear
Topic: 3042  Message: 3047

Cool idea! I bet it's even more stable than the Johnson VFO I use!

Merry Christmas...
Rick/K5IAR

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Tom Smith
Sent: Thursday, December 20, 2007 1:14 PM
To: g3vkm; T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] External VFO for the BC-610?

I built a small supply for a Collins T-195 PTO and feed the output of that right into the crystal socket of the TU. The plug is a crystal holder with the crystal removed and the PTO lead soldered to the pins. Plenty of drive and rock stable.

Good luck, Merry Christmas and happy new year,

Tom N5AMA

On Thu, 20 Dec 2007 15:30:12 -0000
"g3vkm" <Roger@new-gate. <mailto:Roger%40new-gate.co.uk> co.uk> wrote:
> Hi All,
>
> Does anyone have any tips on using an external VFO with the BC-610,
> mainly for CW operation? I have a pair of good Heathkit HG-10Bs here
> and would like to use one on 80 and 40 metres, using a standalone
>PSU.
> Have a feeling there was something in Electric Radio magazine about
> this topic a while ago, (by N6PY?) but can't lay my hands on it
>right now.
>
> 73 for 2008,
>
>
> Roger/G3VKM
>
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> Yahoo! Groups Links
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>

[Non-text portions of this message have been removed]

# 3048. Re: [T-368_BC-610] External VFO for the BC-610?

Yahoo group: T-368_BC-610
Date: 2007-12-20 21:14:42 UTC
From: rbethman
Topic: 3042  Message: 3048

Great! Now to find a T-195 PTO!

Bob - N0DGN

Tom Smith wrote:
>
> I built a small supply for a Collins T-195 PTO and feed the output of
> that right into the crystal socket of the TU. The plug is a crystal
> holder with the crystal removed and the PTO lead soldered to the pins.
> Plenty of drive and rock stable.
>
> Good luck, Merry Christmas and happy new year,
>
> Tom N5AMA
>
>
>
>

[Non-text portions of this message have been removed]

# 3049. tunning units for BC-610

Yahoo group: T-368_BC-610
Date: 2007-12-28 17:02:24 UTC
From: kc5vs
Topic: 3049  Message: 3049

David I have not heard from you since 7 Dec. How are the tuning units comeing along? Thanks Jack

# 3050. Re: [Boatanchors] BC-610 needed

Yahoo group: T-368_BC-610
Date: 2008-01-05 17:57:41 UTC
From: rbethman
Topic: 3050  Message: 3050

Try joining the T-368-BC-610 group.

<T-368_BC-610@yahoogroups.com>

Personally I have two of them, formerly I was HL9GN.

My memories of 'HL1' would seem to indicate Korean Intel/Security.

Yong Surk Lee/HL1FB wrote:
> Hello;
> I need a BC-610 and accessories.
> Local pickup is preferred near Los Angeles, California.
> Please state condition and price.
> de WW6N
> ------------------------------------------------------------------------
>
> _____
>

# 3051. BC-610 & Accessories forsale

Yahoo group: T-368_BC-610
Date: 2008-01-06 16:49:36 UTC
From: Mikhael (Mike) Brown
Topic: 3051  Message: 3051

I have a BC-610-E for sale with the following:

BC-614 Speech Amp
BC-939 Tuner
JB-70 Junction Box
all coils from 160 meters up
all Tuning Units from 160 meters up
BX-34 crystal box
Some Crystals for 80 and 40 meters
KY-116 leg iron and T-50 mic
With all tubes
Spare Tl-250
Original Manual

I located in Oakhurst, Ca, 50 miles north of Fresno.

Selling it all as one package, PU only

Contact me offline:
Mike, N6WIG
mikhael@...

# 3052. BC-610H Hallicrafters for sale

Yahoo group: T-368_BC-610
Date: 2008-01-13 16:48:34 UTC
From: junkston
Topic: 3052  Message: 3052

Located in easy access rite off major hiway in central R.I.
Best of all 4 I have had!!!

This clean-corrosion free--Big-Gun BC-610-H is my baby very
sparingly used ---8 years ago--without
issues & comes with
no holes drilled expensive 6569's / 100th changeout reversible mod
installed & most or all tuners & coils orig manuals & BC-614
speech amp kept unused for over 8 years in temperature controlled
humidity free environment..We are downsizing due to small
accommodations & it is no longer practical to keep it..$2k..
ALSO LOTS OF OTHER BIG XFORMERS, TUBES & PARTS FOR SALE!!
Email fer
PICS! Just decided this morning that it is time, so please give me a
day or two fer pics to become available I have yet to take...

# 3053. Re: [T-368_BC-610] BC-610H Hallicrafters for sale

Yahoo group: T-368_BC-610
Date: 2008-01-13 17:35:47 UTC
From: applejack
Topic: 3052  Message: 3053

Do you have a extra antenna tuner BC-939 or TMC TAC-1 Thanks Jack KC5VS
----- Original Message -----
From: junkston
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, January 13, 2008 10:48
Subject: [T-368_BC-610] BC-610H Hallicrafters for sale

Located in easy access rite off major hiway in central R.I.
Best of all 4 I have had!!!

This clean-corrosion free--Big-Gun BC-610-H is my baby very
sparingly used ---8 years ago--without
issues & comes with
no holes drilled expensive 6569's / 100th changeout reversible mod
installed & most or all tuners & coils orig manuals & BC-614
speech amp kept unused for over 8 years in temperature controlled
humidity free environment..We are downsizing due to small
accommodations & it is no longer practical to keep it..$2k..
ALSO LOTS OF OTHER BIG XFORMERS, TUBES & PARTS FOR SALE!!
Email fer
PICS! Just decided this morning that it is time, so please give me a
day or two fer pics to become available I have yet to take...

[Non-text portions of this message have been removed]

# 3054. Re: BC-610H Hallicrafters for sale

Yahoo group: T-368_BC-610
Date: 2008-01-13 18:52:20 UTC
From: junkston
Topic: 3052  Message: 3054

--- In T-368_BC-610@yahoogroups.com, "applejack" <applejack@...>
wrote:
>No, I got rid of them ( antenna tuners for both t-368 & BC-610's)
years back since I didn't want to run longwire style antennas at the
time....Tnx

> Do you have a extra antenna tuner BC-939 or TMC TAC-1 Thanks Jack
KC5VS
> ----- Original Message -----
> From: junkston
> To: T-368_BC-610@yahoogroups.com
> Sent: Sunday, January 13, 2008 10:48
> Subject: [T-368_BC-610] BC-610H Hallicrafters for sale
>
>
> Located in easy access rite off major hiway in central R.I.
> Best of all 4 I have had!!!
>
> This clean-corrosion free--Big-Gun BC-610-H is my baby very
> sparingly used ---8 years ago--without
> issues & comes with
> no holes drilled expensive 6569's / 100th changeout reversible
mod
> installed & most or all tuners & coils orig manuals & BC-614
> speech amp kept unused for over 8 years in temperature controlled
> humidity free environment..We are downsizing due to small
> accommodations & it is no longer practical to keep it..$2k..
> ALSO LOTS OF OTHER BIG XFORMERS, TUBES & PARTS FOR SALE!!
> Email fer
> PICS! Just decided this morning that it is time, so please give
me a
> day or two fer pics to become available I have yet to take...
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 3055. BC610-E

Yahoo group: T-368_BC-610
Date: 2008-01-19 01:27:22 UTC
From: Jim
Topic: 1270  Message: 3055

Can anyone give me the measurements on a BC-610 E I need to know if I
can get it in my Ford exp. 2004. I cant find the dimensions any where.
73s
Jim K4LTD

# 3056. Re: [T-368_BC-610] BC610-E

Yahoo group: T-368_BC-610
Date: 2008-01-19 02:12:49 UTC
From: John King
Topic: 1270  Message: 3056

Go for it!!! It is a heck of a mobile rig!!!!

My BC 610 E is 30 inches WIDE plus about 1 inch extra
width for the platform.
DEPTH of the BC 610 E is 18 inches plus 6 more inches
for the platform depth.
HEIGHT is 41 inches tall from the floor including
platform and casters. Without casters, would be about
37 inches tall.

I helped load a BC 610 E in the back door of a Ford
Expedition about two years ago. We lifted the 400
pound monster up on a hydraulic lift bought from
Harbor freight and slid it into the Expedition ON IT'S
BACK. The rear seats in the Expedition were removed.

Mine is on a platform with large casters so that is
something to consider. Does the subject BC 610 sit on
a platform with casters? Let me know if I can be of
further assistance. 73, John, K5PGW

--- Jim <telcoman68@...> wrote:

> Can anyone give me the measurements on a BC-610 E I
> need to know if I
> can get it in my Ford exp. 2004. I cant find the
> dimensions any where.
> 73s
> Jim K4LTD
>
>

---------------------------------------------------------------------------------
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# 3057. RE: [T-368_BC-610] BC610-E

Yahoo group: T-368_BC-610
Date: 2008-01-19 02:14:46 UTC
From: Trevor
Topic: 1270  Message: 3057

Jim- I don't have a beastly 610 (I'm a T-3 owner) but
according to the following, the Hallicrafters HT-4,
the civilian rig that the BC-610 was derived from,
had dimensions of 29 inches wide x 19 inches deep x
37 inches high:

http://home.c2i.net/la5ki/200303/photo/ht4.jpg

73 & good luck (my T-368-E made my then-F250SD ride
nice and soft on the trip home)
Trevor
KD1YT

------- Original Message -------
From : Jim[mailto:telcoman68@...]
Sent : 1/18/2008 8:27:22 PM
To : T-368_BC-610@yahoogroups.com
Cc :
Subject : RE: [T-368_BC-610] BC610-E

Can anyone give me the measurements on a BC-610 E I
need to know if I
can get it in my Ford exp. 2004. I cant find the
dimensions any where.
73s
Jim K4LTD

# 3058. Re: [T-368_BC-610] BC610-E

Yahoo group: T-368_BC-610
Date: 2008-01-19 02:18:43 UTC
From: James M. Walker
Topic: 1270  Message: 3058

take it apart in two sections. Top section is rf deck, leaving mod deck and power supply deck. power supply deck has about eight screws and drops from the mod deck. Put the RF deck towards the front of the vehicle, the power supply in the middle, across the axles so it doesn't through the handling off. and the mod deck in the rear, drive away, hope you have minimum people traveling with you. It works for moving the thing if you don't have a van, and movers.
Jim
WB2FCN
http://eshop1.chem.buffalo.edu

----- Original Message -----
From: Jim
To: T-368_BC-610@yahoogroups.com
Sent: Friday, January 18, 2008 8:27 PM
Subject: [T-368_BC-610] BC610-E

Can anyone give me the measurements on a BC-610 E I need to know if I can get it in my Ford exp. 2004. I cant find the dimensions any where.
73s
Jim K4LTD

[Non-text portions of this message have been removed]

# 3059. BC-610

Yahoo group: T-368_BC-610
Date: 2008-01-19 03:18:39 UTC
From: Jim
Topic: 507  Message: 3059

Thanks everyone for the good info..This is gonna be a long trip home
from NY to Columbia SC But it sounds good on the air. Now if I can
get my ART-13 going hihi
73s Jim K4LTD

# 3060. T368 For Sale

Yahoo group: T-368_BC-610
Date: 2008-01-20 00:56:25 UTC
From: spiraino
Topic: 3060  Message: 3060

Good working T368 with Beringer Ultra Q Pro ....
1750.00 + Shipping Sammy W5DPP

# 3061. Re: SPAM:: [T-368_BC-610] T368 For Sale

Yahoo group: T-368_BC-610
Date: 2008-01-20 02:35:30 UTC
From: Marty Jackson
Topic: 3061  Message: 3061

Got any pictures?

Marty
W6ZD
marty@...
831-768-7779

----- Original Message -----
From: spiraino
To: T-368_BC-610@yahoogroups.com
Sent: Saturday, January 19, 2008 4:56 PM
Subject: SPAM:: [T-368_BC-610] T368 For Sale

Good working T368 with Beringer Ultra Q Pro ....
1750.00 + Shipping Sammy W5DPP

[Non-text portions of this message have been removed]

# 3062. Re: [T-368_BC-610] T368 For Sale

Yahoo group: T-368_BC-610
Date: 2008-01-22 02:39:17 UTC
From: applejack
Topic: 3060  Message: 3062

Hi Sammy any other mods on the 368 or is it pretty much stock
----- Original Message -----
From: spiraino
To: T-368_BC-610@yahoogroups.com
Sent: Saturday, January 19, 2008 18:56
Subject: [T-368_BC-610] T368 For Sale

Good working T368 with Beringer Ultra Q Pro ....
1750.00 + Shipping Sammy W5DPP

[Non-text portions of this message have been removed]

# 3063. Re: [T-368_BC-610] BC-610

Yahoo group: T-368_BC-610
Date: 2008-01-22 14:15:06 UTC
From: Todd, KA1KAQ
Topic: 507  Message: 3063

On Jan 18, 2008 10:18 PM, Jim <telcoman68@...> wrote:

> Thanks everyone for the good info..This is gonna be a long trip home
> from NY to Columbia SC But it sounds good on the air. Now if I can
> get my ART-13 going hihi
> 73s Jim K4LTD

Congrats on the new toy, Jim. You and Grant were both putting in great signals to VT Sunday night. Can't imagine how much stronger you'll be with the '610.

~ Todd, KA1KAQ

# 3064. Hallicrafters ATU

Yahoo group: T-368_BC-610
Date: 2008-01-28 20:57:49 UTC
From: g4gen3
Topic: 3064  Message: 3064

WANTED: Hallicrafters AT2 antenna tuning unit. I reckon one of these would make operating my scr 399 into a doublet much easier. Please somebody ! I am still after the typewriter to go with the scr 399. It is designated "Army-Navy MX-322U, portable, Telegrapher's keyboard, Gothic Type." It is finished in black wrinkle similar to the bc 610.
Alan Morriss G4GEN

# 3065. Re: Hallicrafters ATU

Yahoo group: T-368_BC-610
Date: 2008-01-30 12:25:10 UTC
From: g3vkm
Topic: 3064  Message: 3065

--- In T-368_BC-610@yahoogroups.com, "g4gen3" <mohawk@...> wrote:
>
> WANTED: Hallicrafters AT2 antenna tuning unit. I reckon one of these
> would make operating my scr 399 into a doublet much easier. Please
> somebody ! I am still after the typewriter to go with the scr 399. It
> is designated "Army-Navy MX-322U, portable, Telegrapher's keyboard,
> Gothic Type." It is finished in black wrinkle similar to the bc 610.
> Alan Morriss G4GEN
>

Hi Alan,

That's a long shot! I've looked for one in vain and finally decided to build an equivalent using a pair of 500pf variable caps (50 quid off eBay) plus a pair of roller coasters of about 30uH connected to turn in sequence, again I got the roller coasters off eBay. Whole thing is mounted on an open-frame 19" chassis. It tunes my doublet fine on 80 metres. Can send you some photos if required.

73,

Roger/G3VKM

# 3066. Re: [T-368_BC-610] Re: Hallicrafters ATU

Yahoo group: T-368_BC-610
Date: 2008-01-30 18:37:12 UTC
From: Alan Morriss
Topic: 3064  Message: 3066

hello roger, well, i will never get round to building it. that was my first thought. i believe the johnson 2kw matchbox would do the same. what do you think ?
i have just got a door handle for the ho 17 shelter, all i need really is the typewriter. i have the top off the 610 for powder coating. cheers, alan
----- Original Message -----
From: g3vkm
To: T-368_BC-610@yahoogroups.com
Sent: Wednesday, January 30, 2008 12:25 PM
Subject: [T-368_BC-610] Re: Hallicrafters ATU

--- In T-368_BC-610@yahoogroups.com, "g4gen3" <mohawk@...> wrote:
>
> WANTED: Hallicrafters AT2 antenna tuning unit. I reckon one of these
> would make operating my scr 399 into a doublet much easier. Please
> somebody ! I am still after the typewriter to go with the scr 399. It
> is designated "Army-Navy MX-322U, portable, Telegrapher's keyboard,
> Gothic Type." It is finished in black wrinkle similar to the bc 610.
> Alan Morriss G4GEN
>

Hi Alan,

That's a long shot! I've looked for one in vain and finally decided to build an equivalent using a pair of 500pf variable caps (50 quid off eBay) plus a pair of roller coasters of about 30uH connected to turn in sequence, again I got the roller coasters off eBay. Whole thing is mounted on an open-frame 19" chassis. It tunes my doublet fine on 80 metres. Can send you some photos if required.

73,

Roger/G3VKM

[Non-text portions of this message have been removed]

# 3067. Re: Hallicrafters ATU

Yahoo group: T-368_BC-610
Date: 2008-01-31 07:35:29 UTC
From: g3vkm
Topic: 3064  Message: 3067

Hi Alan,

Well it's just two Pi-tank circuits, one in each leg of the feeders, so nothing complicated. I have a 4 amp RF ammeter in one leg of the feeder and tune up for max smoke/280ma dipped on the PA current. You don't need roller coasters either if you can lay you hands on some coil stock. The Johnson 1kW 250-30 would probably do the job but do you want to pay that sort of price?

Sorry to hear you haven't found the typewriter yet; assume you've tried collectors groups for that, sure there must be people who collect them?

Had a 3575kc CW QSO with Wim, PA0CMP, yesterday on the BC-610 here and WS12/R107 at his end, much chirping from me using the MO, so I must get a crystal for that frequency! Have you been chasing the AM DX on 3705kc? I understand Max has been working the States around 0500GMT with the Dutch guys.

Let me know if you want more info on my lash-up tuner. Keep warm, we might be getting some white stuff this weekend, the WX man says!

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello roger, well, i will never get round to building it. that was my first thought. i believe the johnson 2kw matchbox would do the same. what do you think ?
> i have just got a door handle for the ho 17 shelter, all i need really is the typewriter. i have the top off the 610 for powder coating. cheers, alan
l

# 3068. Re: [T-368_BC-610] Re: Hallicrafters ATU

Yahoo group: T-368_BC-610
Date: 2008-01-31 08:38:37 UTC
From: Alan Morriss
Topic: 3064  Message: 3068

hello roger. well, thanks. there are actually some good designs in the old arrl handbooks i have. throuble is i will never get round to it ! my son is expecting a new addition to his family any minute, and i spend a lot of time with the little one. i really have to work at it to get some radio time !
i am afraid that it is all too early for me on the dx front. i always get up before 6, from my long years of getting airborne early, but sit around having tea end breakfast.
i really should get round to it. with max's bc 610, yours and mine, we will have to form a group. it was his suggestion about the johnson kw tuner. he says they are not too expensive. i now have the collins 618t all ready to go except for the 115v 400hz inverter which i am waiting for. i sold my drake, and am using most of the money to get a telefunken e 1500 from helmut singer in germany. that will work with the 618t, as it only tunes in 1khz steps, and you want a tunable rx to go with it. cheers, alan
----- Original Message -----
From: g3vkm
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, January 31, 2008 7:35 AM
Subject: [T-368_BC-610] Re: Hallicrafters ATU

Hi Alan,

Well it's just two Pi-tank circuits, one in each leg of the feeders, so nothing complicated. I have a 4 amp RF ammeter in one leg of the feeder and tune up for max smoke/280ma dipped on the PA current. You don't need roller coasters either if you can lay you hands on some coil stock. The Johnson 1kW 250-30 would probably do the job but do you want to pay that sort of price?

Sorry to hear you haven't found the typewriter yet; assume you've tried collectors groups for that, sure there must be people who collect them?

Had a 3575kc CW QSO with Wim, PA0CMP, yesterday on the BC-610 here and WS12/R107 at his end, much chirping from me using the MO, so I must get a crystal for that frequency! Have you been chasing the AM DX on 3705kc? I understand Max has been working the States around 0500GMT with the Dutch guys.

Let me know if you want more info on my lash-up tuner. Keep warm, we might be getting some white stuff this weekend, the WX man says!

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello roger, well, i will never get round to building it. that was

my first thought. i believe the johnson 2kw matchbox would do the same. what do you think ?
> i have just got a door handle for the ho 17 shelter, all i need really is the typewriter. i have the top off the 610 for powder coating. cheers, alan
l

[Non-text portions of this message have been removed]

# 3069. Re: [T-368_BC-610] Re: bolts for t-368 drawers

Yahoo group: T-368_BC-610
Date: 2008-01-31 09:41:09 UTC
From: Wayne
Topic: 3069  Message: 3069

I am looking for a couple of the bolts for the t-3. I had a message somewhere but can't find it.
Let me know.
Wayne wb5tcd

----- Original Message -----
From: "g3vkm" <Roger@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Thursday, January 31, 2008 1:35 AM
Subject: [T-368_BC-610] Re: Hallicrafters ATU

Hi Alan,

Well it's just two Pi-tank circuits, one in each leg of the feeders, so nothing complicated. I have a 4 amp RF ammeter in one leg of the feeder and tune up for max smoke/280ma dipped on the PA current. You don't need roller coasters either if you can lay you hands on some coil stock. The Johnson 1kW 250-30 would probably do the job but do you want to pay that sort of price?

Sorry to hear you haven't found the typewriter yet; assume you've tried collectors groups for that, sure there must be people who collect them?

Had a 3575kc CW QSO with Wim, PA0CMP, yesterday on the BC-610 here and WS12/R107 at his end, much chirping from me using the MO, so I must get a crystal for that frequency! Have you been chasing the AM DX on 3705kc? I understand Max has been working the States around 0500GMT with the Dutch guys.

Let me know if you want more info on my lash-up tuner. Keep warm, we might be getting some white stuff this weekend, the WX man says!

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello roger, well, i will never get round to building it. that was my first thought. i believe the johnson 2kw matchbox would do the same. what do you think ?
> i have just got a door handle for the ho 17 shelter, all i need really is the typewriter. i have the top off the 610 for powder coating. cheers, alan
l

# 3070. Re: [T-368_BC-610] Re: bolts for t-368 drawers

Yahoo group: T-368_BC-610
Date: 2008-01-31 20:02:00 UTC
From: w7qho@aol.com
Topic: 3069  Message: 3070

In a message dated 1/31/08 1:41:39 AM, wb5tcd@... writes:

>
> I am looking for a couple of the bolts for the t-3. I had a message
> somewhere but can't find it.
> Let me know.
> Wayne wb5tcd
>
>
>

Along with this, anyone have a source for the captive nuts on the cabinet side?

Dennis D. W7QHO
Glendale, CA

**********
Start the year off right. Easy ways to stay in shape.

http://body.aol.com/fitness/winter-exercise?NCID=aolcmp00300000002489

[Non-text portions of this message have been removed]

# 3071. Re: [T-368_BC-610] Re: bolts for t-368 drawers

Yahoo group: T-368_BC-610
Date: 2008-01-31 20:05:01 UTC
From: wa5cab@cs.com
Topic: 3069  Message: 3071

What type of nuts are they? I.e., how are they installed?

In a message dated 1/31/2008 2:02:29 PM Central Standard Time, w7qho@...
writes:
> >
> >I am looking for a couple of the bolts for the t-3. I had a message
> >somewhere but can't find it.
> >Let me know.
> >Wayne wb5tcd
> >
> >
> >
>
> Along with this, anyone have a source for the captive nuts on the cabinet
> side?

Robert & Susan Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 3072. Re: bolts for t-368 drawers

Yahoo group: T-368_BC-610
Date: 2008-02-03 13:59:16 UTC
From: Polaraligned
Topic: 3069  Message: 3072

--- In T-368_BC-610@yahoogroups.com, "Wayne" <wb5tcd@...> wrote:
>
> I am looking for a couple of the bolts for the t-3. I had a message
> somewhere but can't find it.
> Let me know.
> Wayne wb5tcd

Let me know if you find a source.
I need just one.

Scott

# 3073. T-368 Master Variable Oscillator

Yahoo group: T-368_BC-610
Date: 2008-02-03 14:54:56 UTC
From: John King
Topic: 3073  Message: 3073

I would like to have a discussion about the variable oscillator for the T-368, with someone. Would someone knowledgable about the T-368 and the (VFO) master oscillator please email me directly. Thanks and 73,
John, K5PGW

_____
Never miss a thing. Make Yahoo your home page.
http://www.yahoo.com/r/hs

# 3074. T3 allen head bolts

Yahoo group: T-368_BC-610
Date: 2008-02-03 15:34:11 UTC
From: spiraino
Topic: 3074  Message: 3074

I have 4 bolts left for T3 ....
Sammy W5DPP

# 3075. Re: [T-368_BC-610] T-368 Master Variable Oscillator

Yahoo group: T-368_BC-610
Date: 2008-02-03 17:53:56 UTC
From: w7qho@aol.com
Topic: 3073  Message: 3075

John,

I've been running a pair of T-368s for over 10 years now, and know something about the oscillators. What question(s) do you have?

Dennis D. W7QHO
Glendale, CA

**********
Biggest Grammy Award surprises of all time on AOL Music.

(http://music.aol.com/grammys/pictures/never-won-a-grammy?NCID=aolcmp00300000002548)

[Non-text portions of this message have been removed]

# 3076. SSB on the T-3

Yahoo group: T-368_BC-610
Date: 2008-02-04 00:07:01 UTC
From: cloudwarmer1000
Topic: 3076  Message: 3076

I wonder if anyone has tried using the T-368 as an SSB amplifier. I imagine a bias change would be in order at least. Anyone know the drive level necessary at the Excitation Input jack? Thanks, any thoughts
73,
Keith, ve3ts

# 3077. RE: [T-368_BC-610] SSB on the T-3

Yahoo group: T-368_BC-610
Date: 2008-02-04 14:27:18 UTC
From: Trevor
Topic: 3076  Message: 3077

Keith- put on your Nomex garb for those who may flame you for uttering SSB and the AM-er's beloved T-3s in the same sentence....

More seriously, I recall that there was some military or MARS variant (sounded much more like an irreversible butchering) of some T-3s to make them into linear amps. But again, it was apparently drastic, and not something you'd want to emulate now that T-3s are cherished items rightfully deserving preservation.

You'd _definitely_ need to change the bias, as the T-3 runs the final in Class C for max. efficiency in its as-designed mode-- but that'd be very non-linear and cause hideous distortion and splatter as an attempted-linear amp of SSB.

The final is grid-driven, so you wouldn't need much power at all- far, far less than the typical grounded-grid ham linear.

Some of the older ARRL handbooks list data for the 4-400 in grid-driven linear mode )as contrasted with strapping the grid and screen together to make a pretend-triode for grounded grid, a technique also popular with hams, but too major a hack of a T-3), and you could probably get a sense from that data what drive, bias, plate, and screen voltages you'd need.

My instinct is that it'd make more sense to find or build a separate linear

73

Trevor
KD1YT

------- Original Message -------
From : cloudwarmer1000[mailto:densmore@...]
Sent : 2/3/2008 7:07:01 PM
To : T-368_BC-610@yahoogroups.com
Cc :
Subject : RE: [T-368_BC-610] SSB on the T-3

I wonder if anyone has tried using the T-368 as an SSB amplifier. I
imagine a bias change would be in order at least. Anyone know the
drive level necessary at the Excitation Input jack? Thanks, any thoughts
73,
Keith, ve3ts

# 3078. RE: [T-368_BC-610] SSB on the T-3

Yahoo group: T-368_BC-610
Date: 2008-02-04 14:29:54 UTC
From: Tom Mackie
Topic: 3076  Message: 3078

Trevor is right.

I can help. I have a linear to trade for your T3!

It is much smaller and is compatible with that newfangled SSB mode.

73

Tom

W2ILA

---

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
On Behalf Of Trevor
Sent: Monday, February 04, 2008 9:27 AM
To: T-368_BC-610@yahoogroups.com
Subject: RE: [T-368_BC-610] SSB on the T-3

Keith- put on your Nomex garb for those who may flame you for uttering
SSB and the AM-er's
beloved T-3s in the same sentence....

More seriously, I recall that there was some military or MARS variant
(sounded much more
like an irreversible butchering) of some T-3s to make them into linear
amps. But again,
it was apparently drastic, and not something you'd want to emulate now
that T-3s are
cherished items rightfully deserving preservation.

You'd _definitely_ need to change the bias, as the T-3 runs the final in
Class C for max.
efficiency in its as-designed mode-- but that'd be very non-linear and
cause hideous
distortion and splatter as an attempted-linear amp of SSB.

The final is grid-driven, so you wouldn't need much power at all- far,
far less than the
typical grounded-grid ham linear.

Some of the older ARRL handbooks list data for the 4-400 in grid-driven
linear mode )as
contrasted with strapping the grid and screen together to make a
pretend-triode for
grounded grid, a technique also popular with hams, but too major a hack
of a T-3), and you

could probably get a sense from that data what drive, bias, plate, and
screen voltages
you'd need.

My instinct is that it'd make more sense to find or build a separate
linear

73

Trevor
KD1YT

------- Original Message -------
From : cloudwarmer1000[mailto:densmore@...
<mailto:densmore%40idirect.com> ]
Sent : 2/3/2008 7:07:01 PM
To : T-368_BC-610@yahoogroups.com
<mailto:T-368_BC-610%40yahoogroups.com>
Cc :
Subject : RE: [T-368_BC-610] SSB on the T-3

I wonder if anyone has tried using the T-368 as an SSB amplifier. I
imagine a bias change would be in order at least. Anyone know the
drive level necessary at the Excitation Input jack? Thanks, any thoughts
73,
Keith, ve3ts

[Non-text portions of this message have been removed]

# 3079. Re: [T-368_BC-610] SSB on the T-3

Yahoo group: T-368_BC-610
Date: 2008-02-04 15:55:57 UTC
From: Robert Nickels
Topic: 3076  Message: 3079

Trevor wrote:
> My instinct is that it'd make more sense to find or build a separate linear
>
>
>
Amen! Just don't use a Globe King 500 either, someone did that to the
one I've got. Evidently the big HV transformer failed, so he yanked the
one off the modulator deck and cobbled it onto the power supply deck and
ran it as a sideband linear. I'm still un-doing weird little changes
and replacing missing parts.

73, Bob W9RAN

# 3080. Re: [T-368_BC-610] SSB on the T-3

Yahoo group: T-368_BC-610
Date: 2008-02-04 16:02:36 UTC
From: Todd, KA1KAQ
Topic: 3076  Message: 3080

On Feb 3, 2008 7:07 PM, cloudwarmer1000 <densmore@...> wrote:

> I wonder if anyone has tried using the T-368 as an SSB amplifier. I
> imagine a bias change would be in order at least. Anyone know the
> drive level necessary at the Excitation Input jack? Thanks, any thoughts

As others have said, Keith - it makes a really nice AM rig. The
military did have a version for SSB, the T-946. It's considerably
different than the T-3. Provided it's not a real dog, you could likely
sell the T-368 for enough to buy a T-946 and have money left over.
Finding one would be the fun part.

~ Todd, KA1KAQ

# 3081. Re: [T-368_BC-610] SSB on the T-3

Yahoo group: T-368_BC-610
Date: 2008-02-04 16:19:40 UTC
From: Joe Munson
Topic: 3076  Message: 3081

Keith,

WHY??? Why butcher up a really fine AM rig? May you have more than you need and can spare one. At many of the local hamvest I see many amps in the 250 to 300 dollar price range, that would probbly put out more power than the converted T 368. In fact, I have an unused Heathkit SB200, much smaller, desktop, lighter, and would fill your bill if you have an extra T368 that you may want to trade. Ha Ha

Joe Munson
WA4VAG

[Non-text portions of this message have been removed]

# 3082. Re: [T-368_BC-610] T-368 Master Variable Oscillator

Yahoo group: T-368_BC-610
Date: 2008-02-04 16:09:31 UTC
From: John Phipps
Topic: 3073  Message: 3082

Old Buzzard Dennis: My T-368C in Florida drifts anout 2.5 Khz as it warms up. What do you think? OBJ
----- Original Message -----
From: w7qho@...
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, February 03, 2008 12:53 PM
Subject: Re: [T-368_BC-610] T-368 Master Variable Oscillator

John,

I've been running a pair of T-368s for over 10 years now, and know something about the oscillators. What question(s) do you have?

Dennis D. W7QHO
Glendale, CA

**********
Biggest Grammy Award surprises of all time on AOL Music.

(http://music.aol.com/grammys/pictures/never-won-a-grammy?NCID=aolcmp00300000002548)

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3083. Re: SSB on the T-3

Yahoo group: T-368_BC-610
Date: 2008-02-04 16:26:07 UTC
From: cloudwarmer1000
Topic: 3076  Message: 3083

I stand gently admonished for my heretical thoughts. The ONLY reason it came to mind was 'cause my old GPT 750 had a SSB position (honest). Anyway, guess I better hold off with the query about solid stating the modulators :-{
Keith

--- In T-368_BC-610@yahoogroups.com, "Todd, KA1KAQ" <ka1kaq@...> wrote:
>
> On Feb 3, 2008 7:07 PM, cloudwarmer1000 <densmore@...> wrote:
>
> > I wonder if anyone has tried using the T-368 as an SSB amplifier. I
> > imagine a bias change would be in order at least. Anyone know the
> > drive level necessary at the Excitation Input jack? Thanks, any
thoughts
>
> As others have said, Keith - it makes a really nice AM rig. The
> military did have a version for SSB, the T-946. It's considerably
> different than the T-3. Provided it's not a real dog, you could likely
> sell the T-368 for enough to buy a T-946 and have money left over.
> Finding one would be the fun part.
>
> ~ Todd, KA1KAQ
>

# 3084. RE: [T-368_BC-610] T-368 Master Variable Oscillator

Yahoo group: T-368_BC-610
Date: 2008-02-04 16:35:31 UTC
From: Tom Mackie
Topic: 3073  Message: 3084

John,

Have you been leaving it plugged in or do you unplug it after operating?

Does it ever stop drifting?

Tom

W2ILA

---

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
On Behalf Of John Phipps
Sent: Monday, February 04, 2008 11:10 AM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] T-368 Master Variable Oscillator

Old Buzzard Dennis: My T-368C in Florida drifts anout 2.5 Khz as it
warms up. What do you think? OBJ
----- Original Message -----
From: w7qho@... <mailto:w7qho%40aol.com>
To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>

Sent: Sunday, February 03, 2008 12:53 PM
Subject: Re: [T-368_BC-610] T-368 Master Variable Oscillator

John,

I've been running a pair of T-368s for over 10 years now, and know
something
about the oscillators. What question(s) do you have?

Dennis D. W7QHO
Glendale, CA

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000000025>
48)

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3085. Re: [T-368_BC-610] T-368 Master Variable Oscillator

Yahoo group: T-368_BC-610
Date: 2008-02-04 22:54:56 UTC
From: John Phipps
Topic: 3073  Message: 3085

Hi.Tom: It's essentially unplugged when not in use. I run it off a 220V line thru a step down xformer. Next time I will check again, it's in Florida. 73 OBJ
----- Original Message -----
From: Tom Mackie
To: T-368_BC-610@yahoogroups.com
Sent: Monday, February 04, 2008 11:35 AM
Subject: RE: [T-368_BC-610] T-368 Master Variable Oscillator

John,

Have you been leaving it plugged in or do you unplug it after operating?

Does it ever stop drifting?

Tom

W2ILA

---

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
On Behalf Of John Phipps
Sent: Monday, February 04, 2008 11:10 AM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] T-368 Master Variable Oscillator

Old Buzzard Dennis: My T-368C in Florida drifts anout 2.5 Khz as it warms up. What do you think? OBJ
----- Original Message -----
From: w7qho@... <mailto:w7qho%40aol.com>
To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>

Sent: Sunday, February 03, 2008 12:53 PM
Subject: Re: [T-368_BC-610] T-368 Master Variable Oscillator

John,

I've been running a pair of T-368s for over 10 years now, and know something
about the oscillators. What question(s) do you have?

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Glendale, CA

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<http://music.aol.com/grammys/pictures/never-won-a-grammy?NCID=aolcmp003
000000025>
48)

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3086. RE: [T-368_BC-610] T-368 Master Variable Oscillator

Yahoo group: T-368_BC-610
Date: 2008-02-04 23:20:17 UTC
From: Tom Mackie
Topic: 3073  Message: 3086

Does it settle down after an hour or so?

I seem to remember that the VFO stays powered when the T3 is shut down but left plugged to power. Upon cold start after all power has been removed, there will be a warmup period as the VFO comes back to stability - does it ever become stable?

Tom

---

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
On Behalf Of John Phipps
Sent: Monday, February 04, 2008 5:55 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] T-368 Master Variable Oscillator

Hi.Tom: It's essentially unplugged when not in use. I run it off a 220V line thru a step down xformer. Next time I will check again, it's in Florida. 73 OBJ
----- Original Message -----
From: Tom Mackie
To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>

Sent: Monday, February 04, 2008 11:35 AM
Subject: RE: [T-368_BC-610] T-368 Master Variable Oscillator

John,

Have you been leaving it plugged in or do you unplug it after operating?

Does it ever stop drifting?

Tom

W2ILA

---

From: T-368_BC-610@yahoogroups.com
<mailto:T-368_BC-610%40yahoogroups.com>
[mailto:T-368_BC-610@yahoogroups.com
<mailto:T-368_BC-610%40yahoogroups.com> ]
On Behalf Of John Phipps
Sent: Monday, February 04, 2008 11:10 AM
To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>

Subject: Re: [T-368_BC-610] T-368 Master Variable Oscillator

Old Buzzard Dennis: My T-368C in Florida drifts anout 2.5 Khz as it
warms up. What do you think? OBJ
----- Original Message -----
From: w7qho@... <mailto:w7qho%40aol.com> <mailto:w7qho%40aol.com>
To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
<mailto:T-368_BC-610%40yahoogroups.com>

Sent: Sunday, February 03, 2008 12:53 PM
Subject: Re: [T-368_BC-610] T-368 Master Variable Oscillator

John,

I've been running a pair of T-368s for over 10 years now, and know
something
about the oscillators. What question(s) do you have?

Dennis D. W7QHO
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Biggest Grammy Award surprises of all time on AOL Music.

(http://music.aol.com/grammys/pictures/never-won-a-grammy?NCID=aolcmp003
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# 3087. Re: [T-368_BC-610] T-368 Master Variable Oscillator

Yahoo group: T-368_BC-610
Date: 2008-02-05 00:01:04 UTC
From: John Phipps
Topic: 3073  Message: 3087

Hi Tom: I have been away from Florida for a long time. I will get into it next fall. I would like to find another TCS-12 set. Also I would like to replace the MacKay 167 BY or simular unit. Keep your eyes and hears open. Thanks. OBJ
----- Original Message -----
From: Tom Mackie
To: T-368_BC-610@yahoogroups.com
Sent: Monday, February 04, 2008 6:20 PM
Subject: RE: [T-368_BC-610] T-368 Master Variable Oscillator

Does it settle down after an hour or so?

I seem to remember that the VFO stays powered when the T3 is shut down
but left plugged to power. Upon cold start after all power has been
removed, there will be a warmup period as the VFO comes back to
stability - does it ever become stable?

Tom

---

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
On Behalf Of John Phipps
Sent: Monday, February 04, 2008 5:55 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] T-368 Master Variable Oscillator

Hi.Tom: It's essentially unplugged when not in use. I run it off a 220V
line thru a step down xformer. Next time I will check again, it's in
Florida. 73 OBJ
----- Original Message -----
From: Tom Mackie
To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>

Sent: Monday, February 04, 2008 11:35 AM
Subject: RE: [T-368_BC-610] T-368 Master Variable Oscillator

John,

Have you been leaving it plugged in or do you unplug it after operating?

Does it ever stop drifting?

Tom

W2ILA

---

From: T-368_BC-610@yahoogroups.com
<mailto:T-368_BC-610%40yahoogroups.com>
[mailto:T-368_BC-610@yahoogroups.com
<mailto:T-368_BC-610%40yahoogroups.com> ]
On Behalf Of John Phipps
Sent: Monday, February 04, 2008 11:10 AM
To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>

Subject: Re: [T-368_BC-610] T-368 Master Variable Oscillator

Old Buzzard Dennis: My T-368C in Florida drifts anout 2.5 Khz as it
warms up. What do you think? OBJ
----- Original Message -----
From: w7qho@... <mailto:w7qho%40aol.com> <mailto:w7qho%40aol.com>
To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
<mailto:T-368_BC-610%40yahoogroups.com>

Sent: Sunday, February 03, 2008 12:53 PM
Subject: Re: [T-368_BC-610] T-368 Master Variable Oscillator

John,

I've been running a pair of T-368s for over 10 years now, and know
something
about the oscillators. What question(s) do you have?

Dennis D. W7QHO
Glendale, CA

**********
Biggest Grammy Award surprises of all time on AOL Music.

(http://music.aol.com/grammys/pictures/never-won-a-grammy?NCID=aolcmp003
<http://music.aol.com/grammys/pictures/never-won-a-grammy?NCID=aolcmp003
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<http://music.aol.com/grammys/pictures/never-won-a-grammy?NCID=aolcmp003
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# 3088. Re: SSB on the T-3

Yahoo group: T-368_BC-610
Date: 2008-02-05 02:59:26 UTC
From: steve_n8ye
Topic: 3076  Message: 3088

keith
Yes it works well. It works by putting the ssb excitation into the external exciter input connector on the front of the rf deck. It only takes a watt or two. I use my Central Electronics 10B exciter which is already low power, but I have a 5 watt 50 ohm carbon resistor across the input for swamping. Also there is special coax between the back of the input connector to the side of the vfo sub deck. This threw me for a loop when troubleshooting one time. The special coax has high resistance and failed to properly terminate the output of the Central Electronics 10B exciter. I finally dismantled the set-up as it was a mess of haywired muting lines , keying lines, coax jumpers and an external t/r switch. After all, I have another ssb rig and amp that is easier to use. hi.
..73...Steve..N8YE

--- In T-368_BC-610@yahoogroups.com, "cloudwarmer1000" <densmore@...> wrote:
>
> I wonder if anyone has tried using the T-368 as an SSB amplifier. I
> imagine a bias change would be in order at least. Anyone know the
> drive level necessary at the Excitation Input jack? Thanks, any thoughts
> 73,
> Keith, ve3ts
>

# 3089. Re: [T-368_BC-610] SSB on the T-3

Yahoo group: T-368_BC-610
Date: 2008-02-05 19:13:52 UTC
From: Gene Beckwith
Topic: 3076  Message: 3089

*Gents,

For operating parameters for 4-400s...the E.F. Johnson "Thunderbolt"
linear is a typical example of grid driven linear for SSB service.

It uses a pair...and is grid driven...

No need to re-invent the wheel...it was a common technique in the low
power ssb exciter days...another example is the Heatkit "Chipppewa"
...also uses a pair of grid driven 4-400s...

Electric Radio Mag. has covered both of the these linears in detail...in
months past...

73,

Gene

W8KXR

(two T-3s)

Clinton, Ohio
*

Trevor wrote:
>
> Keith- put on your Nomex garb for those who may flame you for uttering
> SSB and the AM-er's
> beloved T-3s in the same sentence....
>
> More seriously, I recall that there was some military or MARS variant
> (sounded much more
> like an irreversible butchering) of some T-3s to make them into linear
> amps. But again,
> it was apparently drastic, and not something you'd want to emulate now
> that T-3s are
> cherished items rightfully deserving preservation.
>
> You'd _definitely_ need to change the bias, as the T-3 runs the final
> in Class C for max.
> efficiency in its as-designed mode-- but that'd be very non-linear and
> cause hideous
> distortion and splatter as an attempted-linear amp of SSB.
>
> The final is grid-driven, so you wouldn't need much power at all- far,
> far less than the

> typical grounded-grid ham linear.
>
> Some of the older ARRL handbooks list data for the 4-400 in
> grid-driven linear mode )as
> contrasted with strapping the grid and screen together to make a
> pretend-triode for
> grounded grid, a technique also popular with hams, but too major a
> hack of a T-3), and you
> could probably get a sense from that data what drive, bias, plate, and
> screen voltages
> you'd need.
>
> My instinct is that it'd make more sense to find or build a separate
> linear
>
> 73
>
> Trevor
> KD1YT
>
> ------- Original Message -------
> >From : cloudwarmer1000[mailto:densmore@...
> <mailto:densmore%40idirect.com>]
> Sent : 2/3/2008 7:07:01 PM
> To : T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> Cc :
> Subject : RE: [T-368_BC-610] SSB on the T-3
>
> I wonder if anyone has tried using the T-368 as an SSB amplifier. I
> imagine a bias change would be in order at least. Anyone know the
> drive level necessary at the Excitation Input jack? Thanks, any thoughts
> 73,
> Keith, ve3ts
>
>
>

[Non-text portions of this message have been removed]

# 3090. Re: SSB on the T-3

Yahoo group: T-368_BC-610
Date: 2008-02-05 21:22:16 UTC
From: steve_n8ye
Topic: 3076  Message: 3090

I just remembered, the Johnson Viking 500 runs a 4-250 but most users have upgraded to a 4-400. That transmitter was also designed to be an ssb linear amp. There is an so-235 on the chassis for an external exciter input.
The mode switch on the front panel has an ssb position. When activated, a string of VR tubes engage. Doesn't the T-3 have a string of VR tubes for this purpose? Find a schematic of a Johnson Viking 500 and use it as a guide.
.....Steve....N8YE

--- In T-368_BC-610@yahoogroups.com, "cloudwarmer1000" <densmore@...> wrote:
>
> I wonder if anyone has tried using the T-368 as an SSB amplifier. I
> imagine a bias change would be in order at least. Anyone know the
> drive level necessary at the Excitation Input jack? Thanks, any thoughts
> 73,
> Keith, ve3ts
>

# 3091. Re: [T-368_BC-610] Re: SSB on the T-3

Yahoo group: T-368_BC-610
Date: 2008-02-05 22:40:24 UTC
From: Keith Densmore
Topic: 3076  Message: 3091

Very Interesting .... by theory the class C amp should distort SSB badly. Hmmm. Did you change any bias settings?
Thanks for the note, when I get moved I'll give it a try...

Keith

----- Original Message -----
From: steve_n8ye
To: T-368_BC-610@yahoogroups.com
Sent: Monday, February 04, 2008 9:59 PM
Subject: [T-368_BC-610] Re: SSB on the T-3

keith
Yes it works well. It works by putting the ssb excitation into the external exciter input connector on the front of the rf deck. It only takes a watt or two. I use my Central Electronics 10B exciter which is already low power, but I have a 5 watt 50 ohm carbon resistor across the input for swamping. Also there is special coax between the back of the input connector to the side of the vfo sub deck. This threw me for a loop when troubleshooting one time. The special coax has high resistance and failed to properly terminate the output of the Central Electronics 10B exciter. I finally dismantled the set-up as it was a mess of haywired muting lines , keying lines, coax jumpers and an external t/r switch. After all, I have another ssb rig and amp that is easier to use. hi.
..73...Steve..N8YE

--- In T-368_BC-610@yahoogroups.com, "cloudwarmer1000" <densmore@...> wrote:
>
> I wonder if anyone has tried using the T-368 as an SSB amplifier. I
> imagine a bias change would be in order at least. Anyone know the
> drive level necessary at the Excitation Input jack? Thanks, any thoughts
> 73,
> Keith, ve3ts
>

[Non-text portions of this message have been removed]

# 3092. Re: [T-368_BC-610] Re: SSB on the T-3

Yahoo group: T-368_BC-610
Date: 2008-02-06 15:02:51 UTC
From: James M. Walker
Topic: 3076  Message: 3092

Ah,
As a point of clarification, The exciter input connector if not modified in some fashion, goes to the 6000 tube directly. This tube is operated class "C", I don't see how you could get ssb output from the T-368 without seriously modifying the 6000 stage, and the 4-400A PA stage drasticly. There appears to be a bit of confusion here.

If you drive the T-368 in its normal configuration, through the FSK exciter connector what you first do to the signal is match to the 6000, at the proper level, then shift the frequency the proper amount to generate FSK. This was done in conjunction with the MD-239 FSK modulator. Note here gang this is frequency modulation, and if you pump SSB into the rig in FSK mode the thing WILL cause serious distortion of whatever signal audio-wise you are using to drive the stage.

As always YMMV, Need to check the manual, before attempting to modify the thing. Nuff said.
Jim
WB2FCN
http://eshop1.chem.buffalo.edu

"Sounds like another "Hot-Switching thingy"

----- Original Message -----
From: Keith Densmore
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, February 05, 2008 5:40 PM
Subject: Re: [T-368_BC-610] Re: SSB on the T-3

Very Interesting .... by theory the class C amp should distort SSB badly. Hmmm. Did you change any bias settings?
Thanks for the note, when I get moved I'll give it a try...

Keith

----- Original Message -----
From: steve_n8ye
To: T-368_BC-610@yahoogroups.com
Sent: Monday, February 04, 2008 9:59 PM
Subject: [T-368_BC-610] Re: SSB on the T-3

keith
Yes it works well. It works by putting the ssb excitation into the external exciter input connector on the front of the rf deck. It only takes a watt or two. I use my Central Electronics 10B exciter which is already low power, but I have a 5 watt 50 ohm carbon resistor across the input for swamping. Also there is special coax between the back of the input connector to the side of the vfo sub deck. This

threw me for a loop when troubleshooting one time. The special coax has high resistance and failed to properly terminate the output of the Central Electronics 10B exciter. I finally dismantled the set-up as it was a mess of haywired muting lines , keying lines, coax jumpers and an external t/r switch. After all, I have another ssb rig and amp that is easier to use. hi.
..73...Steve..N8YE

--- In T-368_BC-610@yahoogroups.com, "cloudwarmer1000" <densmore@...> wrote:
>
> I wonder if anyone has tried using the T-368 as an SSB amplifier. I
> imagine a bias change would be in order at least. Anyone know the
> drive level necessary at the Excitation Input jack? Thanks, any thoughts
> 73,
> Keith, ve3ts
>

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[Non-text portions of this message have been removed]

# 3093. Re: [T-368_BC-610] Re: SSB on the T-3

Yahoo group: T-368_BC-610
Date: 2008-02-06 15:05:14 UTC
From: James M. Walker
Topic: 3076  Message: 3093

Ah,
The string of 0A2s provides the screen voltage for the 4-125A modulators.
Jim
WB2FCN

----- Original Message -----
From: steve_n8ye
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, February 05, 2008 4:22 PM
Subject: [T-368_BC-610] Re: SSB on the T-3

I just remembered, the Johnson Viking 500 runs a 4-250 but most users
have upgraded to a 4-400. That transmitter was also designed to be an
ssb linear amp. There is an so-235 on the chassis for an external
exciter input.
The mode switch on the front panel has an ssb position. When activated,
a string of VR tubes engage. Doesn't the T-3 have a string of VR tubes
for this purpose? Find a schematic of a Johnson Viking 500 and use it
as a guide.
.....Steve....N8YE

--- In T-368_BC-610@yahoogroups.com, "cloudwarmer1000" <densmore@...>
wrote:
>
> I wonder if anyone has tried using the T-368 as an SSB amplifier. I
> imagine a bias change would be in order at least. Anyone know the
> drive level necessary at the Excitation Input jack? Thanks, any
thoughts
> 73,
> Keith, ve3ts
>

[Non-text portions of this message have been removed]

# 3094. For Sale: T-368E Transmitter

Yahoo group: T-368_BC-610
Date: 2008-02-20 16:48:21 UTC
From: Bruce
Topic: 3094  Message: 3094

My interests have changed to more early gear from the 1920-30s, so I wish to pass this fine transmitter to someone.
I must share that I find it somewhat hard to give this up, as it is my first T-3, the one that
started it all for me.
I've have had two since, including one which I fully restored, but held onto this one.

The unit is very nice condition, a solid 9.5 out of a 10, folks that know me can vouch the manner in which I care for my gear.
The modifications are few, and include a professionally built N9FOY speech amp, a neatly installed variac on the rear panel to control blower speed, and a backlit exciter dial. I have
a spare stock speech amp, should you wish to revert to the original, which will be included in the deal. I also have the factory manual, and much documentation, but that is currently in storage in Buffalo, NY, so you'll need to wait a bit for that.

This is a later "E" model with vacuum sealed relays, and the unit has performed flawlessly since I've owned it.
First acquired in 1998, it is currently ready to go on air, plug and play as the computer folks like to say.

Most of the Buffalo AM contingent can vouch for this unit, it has been used at special event stations in the Buffalo area back in the late 90's and early part of 2000. You may have also seen my T-368 info page, it can supply more information about this transmitter series. Please reference my website at www.w1ujr.net/t368.htm

The price is firm at $2950, and the transmitter is currently located in coastal Maine, where
I can demonstrate it to any interested parties.
I've mixed feeling about selling this, so understandably I'd really like to see it end up with
someone familiar with the operation of vintage gear.
As this is a sale listing rather than a discussion topic, I've locked this post, so please feel
free to email me directly.

Tnx!

73 Bruce W1UJR
www.w1ujr.net

PS - I've also some other gear; National HRO, NC-300, National SW-3, 1-10s, WRL Globe Scout, B&W 5100 w/ SSB adapt, Hammarlund HQ-180, HQ-170, numerous Collins 32V series, Collins 310B exciter, Heathkit DX-100, Johnson Ranger, etc. Should interest merit, I will list here before eBay. I don't have a complete list developed yet, but you may contact
me directly about that gear as well. And if you have a mint Grebe CR-18, we can talk

trade! Tnx agn - Bruce

# 3095. WTB: Antenna Tuning Unit for the T-368

Yahoo group: T-368_BC-610
Date: 2008-02-26 04:43:07 UTC
From: ssbaa8wl
Topic: 3095  Message: 3095

Hello everyone, name is Sam and my call is aa8wl. I own a T-368 and I would like to find the matching antenna tuner for my unit. I believe it was the TN-339 but I may be incorrect on that. If anyone has one they are willing to part with then please email me at. aa8wl at comcast dot net I believe everyone can figure out the email address or I can be reached by cell phone at 586-246-5184 TNX 73' de aa8wl

# 3096. Curing an oil leak on the plate power transfomer

Yahoo group: T-368_BC-610
Date: 2008-03-01 22:04:35 UTC
From: Mark Foltarz
Topic: 3096  Message: 3096

Group,

I am attempting to fix an oil leak on the plate supply transformer in my T3.

The oil is seeping past one of the HV side insulators.

Of course it does not leak if the transformer if upside down ( terminals up ), however, it won't fit in the cabinet that way.

So, anyone else tackle this problem before ?

tnx

de KA4JVY

Mark

---
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# 3097. Re: [T-368_BC-610] Curing an oil leak on the plate power transfomer

Yahoo group: T-368_BC-610
Date: 2008-03-01 22:57:58 UTC
From: James M. Walker
Topic: 3096  Message: 3097

Yep,
first remove the transformer from the unit. (I know)
then with the transformer "sitting on its' top (away from the terminals),
you will need a variable speed drill, and a "fluid plug assy" . Drill the proper
size hole for your assy. drain the remaining oil from the transformer, discard
properly.

With the oil removed, find the leak near the terminals, sand an area a little
larger than the hole, apply a piece of copper flashing to the hole, and solder in
place, (the case is steel and MUST be clean before the solder will hold. Once
that is done, invert the transformer, pick a side, preferably the rear-ward side for
easy access, drill a hole again in the case, this is for the the fluid plug Assy.

If you drill the hole carefully, there will be just enough clearance in the hole to
"thread" the fluid plug assy in and tighten it, "Don't forget the gasket" it comes
with the assy. Tighten it down, lay the transformer on its side with the plug assy.
facing up, refill the transformer with "transformer oil", insert the plug portion.

Return the transformer to the T-368 cabinet/chassis. Bring the transformer up
alone with a variac and let it sit idle to warm up a bit. then you are done, if you
don't see any leaks.

FWIW, and as always, should you be caught with illegal transformer oil,
the president will disavow any knowledge of your actions. "Good luck" Jim!

WB2FCN

----- Original Message -----
From: Mark Foltarz
To: T-368_BC-610@yahoogroups.com
Sent: Saturday, March 01, 2008 5:04 PM
Subject: [T-368_BC-610] Curing an oil leak on the plate power transfomer

Group,

I am attempting to fix an oil leak on the plate supply transformer in my T3.

The oil is seeping past one of the HV side insulators.

Of course it does not leak if the transformer if upside down ( terminals up ), however, it
won't fit in the cabinet that way.

So, anyone else tackle this problem before ?

tnx

de KA4JVY

Mark

---
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http://mobile.yahoo.com/;_ylt=Ahu06i62sR8HDtDypao8Wcj9tAcJ

[Non-text portions of this message have been removed]

# 3098. Re: [T-368_BC-610] Curing an oil leak on the plate power transfomer

Yahoo group: T-368_BC-610
Date: 2008-03-01 23:27:40 UTC
From: ray bee
Topic: 3096  Message: 3098

Mark,
I did this on a different piece of gear but it may work. Get a piece of rubber fuel line and a small automotive hose clamp. You take the wires off the terminal, slide a small ring of fuel hose over it positioned over the leaking ceramic-metal seam. Slide the hose clamp over the rubber ring and snug it up. dress the thing up to keep your clearances and gently cut the "tail" off the hose clamp. (You can skip cutting it if you have enough clearance.) Then carefully put your wires back on the terminal.

Just a word of caution make sure the hose is NOT reinforced with steel mesh! Otherwise, this worked very well on the modulation transformer of a 500W MF A1/A2 marine radio telegraph transmitter and the repair lasted for at least 10 years. The B+ was 2200V A1 and 1800V A2. I'd definitely put an undersized fuse in when testing this. If you do it right, it should work fine , but with all jury rig repairs , there is some "RISK".
73
Ray WA2ZYE

--- Mark Foltarz <Foltarz@...> wrote:

> Group,
>
> I am attempting to fix an oil leak on the plate
> supply transformer in my T3.
>
> The oil is seeping past one of the HV side
> insulators.
>
> Of course it does not leak if the transformer if
> upside down ( terminals up ), however, it won't fit
> in the cabinet that way.
>
> So, anyone else tackle this problem before ?
>
> tnx
>
> de KA4JVY
>
> Mark
>

>
>
>
>

---

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>

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# 3099. Re: [T-368_BC-610] Curing an oil leak on the plate power transfomer

Yahoo group: T-368_BC-610
Date: 2008-03-02 00:35:40 UTC
From: Joe Foley
Topic: 3096  Message: 3099

Do NOT solder on the HV terminals, that may make the leak worse, it may also make the other terminals leak. There's really no need to do that anyway unless your HV wiring is bad, leaking. Even then you could cut the wires off away from the HV terminals and re-connect there keeping the heat away from the terminals.

Instead, turn the power supply deck upside down, much easier to work with. Next, clean the terminals with alcohol, clean well, trying to get the alcohol into the place where the leak is. If you're satisfied that you may have all the oil cleaned out of the joint then use very thin super glue applied into the joint, that will do the trick. It may be hard to find "very thin" super glue but that is the only kind that will do what needs to be done here.

You're trying to use capillary action to draw the glue into the joint before it hardens. This is a technique I've seen used on plexiglas where the two pieces are clamped together and the glue run down the edge of the two pieces, it is sucked into the joint and becomes invisible!

Golly, how time flies! This has worked on my HV transformer for almost 10 years!! Well, Ok, maybe only 8 years. Check the archive for this list,... it's in there somewhere.

Joe

--- Mark Foltarz <Foltarz@...> wrote:

> Group,
>
> I am attempting to fix an oil leak on the plate
> supply transformer in my T3.
>
> The oil is seeping past one of the HV side
> insulators.
>
> Of course it does not leak if the transformer if
> upside down ( terminals up ), however, it won't fit
> in the cabinet that way.
>

> So, anyone else tackle this problem before ?
>
> tnx
>
> de KA4JVY
>
> Mark
>
>
>
>
>

---

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>
>
>

---

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http://www.yahoo.com/r/hs

# 3101. Re: [T-368_BC-610] BC-610E currently for sale on ebay

Yahoo group: T-368_BC-610
Date: 2008-03-02 16:34:56 UTC
From: Gregory Cotton
Topic: 3101  Message: 3101

I wouldn't worry too much about the transformers, they normally would use the listed, open frame, ones that are original to this one. Overhaul usually means that they checked everything for specs and replaced and adjusted as necessary and probably new tubes as well. I would guess the overhaul was done in the early 1950s when all the E model parts were still the majority.

That's a decent price but it probably means a road trip to pick it up. That seems to be the second one in the last six months to have come out of a sale at the Anniston, Alabama army base.

There is a speech amp for the BC-610 (and E model as well) for sale here...

http://cgi.ebay.com/BC-614-E-Speech-Amplifier_W0QQitemZ280205413682QQihZ018QQcategoryZ4675QQssPageNameZWDVWQQrdZ1QQcmdZViewItem

It looks a bit scruffy but seems to have been partially re capped at least.

On Sat, Mar 1, 2008 at 9:48 PM, VE3IKU RADIO <ve3iku@...> wrote:

> There is a BC-610E currently for sale on ebay:
>
>
> http://cgi.ebay.com/Hallicrafters-BC-610E-Serial-1175-Great-Condition_W0QQitemZ140209847240
>
> However, the thing that has me somewhat concerned is the additional
> tag above the BC-610E nameplate; It says "rebuilt by USMC depot of
> supplies", apparently in the 1950's. Does this mean that the original
> open frame modulation transformer and hv power transformer are gone?
> Wouldn't that involve chassis cutting and drilling? If not, what
> would they have "rebuilt" and why? The seller is unable to provide
> pictures of the interior before auction close... so its somewhat of a
> gamble...
>
> Any help you can give will be appreciated! Any other 610E models for
> sale here or elsewhere?
>
> 73,
> Boris
>
>
>

[Non-text portions of this message have been removed]

# 3102. Re: [T-368_BC-610] Curing an oil leak on the plate power transfomer

Yahoo group: T-368_BC-610
Date: 2008-03-02 16:59:26 UTC
From: Mark Foltarz
Topic: 3096  Message: 3102

mfoltarz@...


---
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http://tools.search.yahoo.com/newsearch/category.php?category=shopping

[Non-text portions of this message have been removed]

# 3103. BC-610 tuning charts

Yahoo group: T-368_BC-610
Date: 2008-03-05 17:42:58 UTC
From: M0GHQ
Topic: 3103  Message: 3103

Does anyone have a set of original (not copies) BC-610E tuning charts they could sell me, also a cover in black wrinkle for the tuner BC-939, must have all the catches intact. please reply off list, 73 Max

[Non-text portions of this message have been removed]

# 3104. Fwd: Big Iron ( T-368 ) HV Transformers (3) Units

Yahoo group: T-368_BC-610
Date: 2008-03-05 21:54:08 UTC
From: Todd, KA1KAQ
Topic: 3104  Message: 3104

Forwarded from the milsurplus list:

I have ( FS ) (3) HV Transformers for the T-368. I purchased these from Fair Radio several years ago with the thought of having a large amp made. I have other priorities now and the amp will not be in the mix. I thought I had (4) transformers, but can not seem to locate it. If I find it that will also be ( FS ). I would like to sell all units as one lot. Phil at Fair Radio tested these before I purchased them and gave the thumbs up on them. Thats all I can say about them. They are still in there shipping boxes. I never opened them. Pick up only is the name of the game here. I will NOT in any way move these units from where they are stored. They were stored here in the garage ( Dry Location ) and climate controlled. If interested drop me an e-mail.
w2obr@...
Rich ( W2OBR )

# 3106. Engineering Calculator Tool Online

Yahoo group: T-368_BC-610
Date: 2008-03-10 06:06:42 UTC
From: risabhmodi
Topic: 3106  Message: 3106

This is new Engineering Website, called Calculator EDGE, has bunch of Engineering Calculator Tool Online at www.calculatoredge.com this website has several hundred online calculators which are free to use, there are several formula / equations related to Electrical, Mechanical, Chemical, Electronics, Construction/Civil, Optics, Plastic Engineering.

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Gibb

# 3107. need a couple of 4-125's

Yahoo group: T-368_BC-610
Date: 2008-03-18 20:05:47 UTC
From: Mark Foltarz
Topic: 3107  Message: 3107

Group,

Anyone have a good pair of 4-125's for sale ?

Need them for the modulator in my T3

tnx

de KA4JVY

Mark

_____
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know-it-all with Yahoo! Mobile. Try it now.
http://mobile.yahoo.com/;_ylt=Ahu06i62sR8HDtDypao8Wcj9tAcJ

# 3108. Re: [T-368_BC-610] need a couple of 4-125's

Yahoo group: T-368_BC-610
Date: 2008-03-18 23:13:37 UTC
From: bob mccully
Topic: 3107  Message: 3108

--- Mark, I'll have to check. I think I have two,
might be used or (gasp) new! Bob AB8OP

---
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http://tools.search.yahoo.com/newsearch/category.php?category=shopping

# 3109. Wanted BC-610 bits/info

Yahoo group: T-368_BC-610
Date: 2008-03-22 09:24:39 UTC
From: M0GHQ
Topic: 3109  Message: 3109

I am needing a right hand side panel for my BC-610E model, the side with the card pocket. it must be original wrinkle paint and with the 'SC' mark or the triangle intact. failing that, might someone send me a picture of the 'SC' mark used on the E model so I can restore this one to original.
I also wish to use this one into a doublet, according to the handbook there is a coil option to use this with a doublet, does anyone have one of these that I might buy or any details of running the '610 into a doublet, sadly my available space is not enough to have a resonant antenna so the option of running the doublet directly from the ant terminals is not available. 73 Max

[Non-text portions of this message have been removed]

# 3110. Re: [T-368_BC-610] Wanted BC-610 bits/info

Yahoo group: T-368_BC-610
Date: 2008-03-23 15:34:33 UTC
From: David Goncalves
Topic: 3109  Message: 3110

How bad is the panel? ANy thoughts on having somebody do a powder-coat
wrinkle on it?

Dave Goncalves
W1EUJ

On 3/22/08, M0GHQ <M1FDZ@...> wrote:
>
> I am needing a right hand side panel for my BC-610E model, the side with
> the card pocket. it must be original wrinkle paint and with the 'SC' mark or
> the triangle intact. failing that, might someone send me a picture of the
> 'SC' mark used on the E model so I can restore this one to original.
> I also wish to use this one into a doublet, according to the handbook
> there is a coil option to use this with a doublet, does anyone have one of
> these that I might buy or any details of running the '610 into a doublet,
> sadly my available space is not enough to have a resonant antenna so the
> option of running the doublet directly from the ant terminals is not
> available. 73 Max
>
> [Non-text portions of this message have been removed]
>
>
>

--
David Goncalves

[Non-text portions of this message have been removed]

# 3111. ET-4336 VFO with '610?

Yahoo group: T-368_BC-610
Date: 2008-03-27 07:10:42 UTC
From: g3vkm
Topic: 3111  Message: 3111

Hi,

Anyone had experience with using the CO/VFO from an RCA ET-4336 TX
with the BC-610?

73

Roger/G3VKM

# 3112. Re: Wanted BC-610 bits/info

Yahoo group: T-368_BC-610
Date: 2008-03-27 07:22:55 UTC
From: g3vkm
Topic: 3109  Message: 3112

Hello Max,

What bands are you intending to use the doublet on? I think the coil option you refer to is the swinging-link PA coils, if so I may be able to help, for some bands, as I have a lot of duplicate coils, especially the higher bands.

Probably not a good idea to use the antenna straight into the output link, as there will be little attenuation of harmonics. I've built a copy of the AT-2 but using roller-coasters instead of the tapped inductors; it loads my much-bent 130ft doublet up well on 160 and 80m.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "David Goncalves" <davegoncalves@...> wrote:
>
> How bad is the panel? ANy thoughts on having somebody do a powder-coat
> wrinkle on it?
>
> Dave Goncalves
> W1EUJ
>
>
> On 3/22/08, M0GHQ <M1FDZ@...> wrote:
> >
> > I am needing a right hand side panel for my BC-610E model, the side with
> > the card pocket. it must be original wrinkle paint and with the 'SC' mark or
> > the triangle intact. failing that, might someone send me a picture of the
> > 'SC' mark used on the E model so I can restore this one to original.
> > I also wish to use this one into a doublet, according to the handbook
> > there is a coil option to use this with a doublet, does anyone have one of
> > these that I might buy or any details of running the '610 into a doublet,
> > sadly my available space is not enough to have a resonant antenna so the
> > option of running the doublet directly from the ant terminals is not
> > available. 73 Max
> >
> > [Non-text portions of this message have been removed]

> >
> >
> >
>
>
>
> --
> David Goncalves
>
>
> [Non-text portions of this message have been removed]
>

# 3113. WANTED: BC-610-E hv rectifier filament transformer & relay cover&ant. feedthru's

Yahoo group: T-368_BC-610
Date: 2008-04-01 01:02:17 UTC
From: ve3iku
Topic: 3113  Message: 3113

I am looking for:

- original BC-610-E hv rectifier filament transformer (115V pri, tap at 100V, sec. 2.5Vct 10A, h.v. insulated); 2nd choice F or later model.
- the "E" relay cover (power supply deck)
- the two ceramic antenna feedthroughs

Thank you,
Boris

# 3114. Re: WANTED: BC-610-E hv rectifier filament transformer & relay cover&ant. feedth

Yahoo group: T-368_BC-610
Date: 2008-04-03 05:40:31 UTC
From: g3vkm
Topic: 3113  Message: 3114

--- In T-368_BC-610@yahoogroups.com, "ve3iku" <ve3iku@...> wrote:
>
> I am looking for:
>
> - original BC-610-E hv rectifier filament transformer (115V pri, tap
> at 100V, sec. 2.5Vct 10A, h.v. insulated); 2nd choice F or later model.
> - the "E" relay cover (power supply deck)
> - the two ceramic antenna feedthroughs
>
> Thank you,
> Boris
>

Hi Boris,

I was missing the relay cover on my '610-E and simply used half of a
project box to do the job. I'll try and put a photo on the web pages.

73

Roger Basford/G3VKM - Norfolk, England.

# 3115. Re: WANTED: BC-610-E hv rectifier filament transformer & relay cover&ant. feedth

Yahoo group: T-368_BC-610
Date: 2008-04-03 05:44:33 UTC
From: g3vkm
Topic: 3113  Message: 3115

Photo is in the "g3vkm" album on the web page.

73,

Roger

> >
>
> Hi Boris,
>
> I was missing the relay cover on my '610-E and simply used half of a
> project box to do the job. I'll try and put a photo on the web pages.
>
> 73
>
> Roger Basford/G3VKM - Norfolk, England.
>

# 3116. Re: [T-368_BC-610] WANTED: BC-610-E hv rectifier filament transformer & relay cover&ant. feedthru's

Yahoo group: T-368_BC-610
Date: 2008-04-01 14:23:19 UTC
From: george portell
Topic: 3113  Message: 3116

hi boris i was also missing the relay cover on one of
my bc610`s .i fabbed one out of double sided pc board
and sprayed it with black paint ,it looks almost
orignal and matches perfectly.good luck,this is
another route, if you cant find an orignal ry
cover.bro geo w8qbg.
--- ve3iku <ve3iku@...> wrote:

> I am looking for:
>
> - original BC-610-E hv rectifier filament
> transformer (115V pri, tap
> at 100V, sec. 2.5Vct 10A, h.v. insulated); 2nd
> choice F or later model.
> - the "E" relay cover (power supply deck)
> - the two ceramic antenna feedthroughs
>
> Thank you,
> Boris
>
>

---
You rock. That's why Blockbuster's offering you one month of Blockbuster Total Access, No Cost.
http://tc.deals.yahoo.com/tc/blockbuster/text5.com

# 3117. BC-610_E for sale

Yahoo group: T-368_BC-610
Date: 2008-04-11 17:56:48 UTC
From: Mikhael (Mike) Brown
Topic: 3117  Message: 3117

I have a BC-610-E for sale with the following:

BC-614 Speech Amp
BC-939 Tuner
JB-70 Junction Box
all coils from 160 meters up
all Tuning Units from 160 meters up
BX-34 crystal box
Some Crystals for 80 and 40 meters
KY-116 leg iron and T-50 mic
With all tubes
Spare Tl-250
Original Manual

I located in Oakhurst, Ca, 50 miles north of Fresno.

Selling it all as one package, PU only
Asking $2500, Pictures available.

Contact me offline:
Mike, N6WIG

# 3118. Re: Curing an oil leak on the plate power transfomer

Yahoo group: T-368_BC-610
Date: 2008-04-12 23:57:39 UTC
From: bearlabsusa
Topic: 3096  Message: 3118

--- In T-368_BC-610@yahoogroups.com, Mark Foltarz <Foltarz@...> wrote:
>
> Group,
>
> I am attempting to fix an oil leak on the plate supply
transformer in my T3.
>
> The oil is seeping past one of the HV side insulators.
>
> Of course it does not leak if the transformer if upside down (
terminals up ), however, it won't fit in the cabinet that way.
>
> So, anyone else tackle this problem before ?
>
> tnx
>
> de KA4JVY
>
> Mark
>

Couple of things... (late to the party here...) I kinda like the crazy glue idea, but I doubt that alcohol is a useful solvent for transformer oil, it may be, but I doubt it. Think that it is likely that acetone and/or MEK will do the trick? (available from your local beauty supply shop in a pinch!)

Depending on where the leak is, you might want to try the crazy glue AND something known as "Flowable Silicone Rubber" - it is sold in auto supply houses for windshield repairs. Flows nicely. Seals, impervious to oil after it sets, but you need scrupulously clean surfaces.

Wonder exactly where the leak is?
Between the ceramic insulators and the case?

_-_-WBear2GCR
>
>
>

---
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http://mobile.yahoo.com/;_ylt=Ahu06i62sR8HDtDypao8Wcj9tAcJ
>

# 3119. wtd 4-400

Yahoo group: T-368_BC-610
Date: 2008-04-18 21:29:58 UTC
From: Mark Foltarz
Topic: 3119  Message: 3119

Group,

Need a 4-400 for my T-368 P.A.

Doesn't need to be new, just useable.

Pls advise of price.

zip is 33629.

tnx

de KA4JVY

Mark

_____
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# 3120. Re: [T-368_BC-610] wtd  4-400

Yahoo group: T-368_BC-610
Date: 2008-04-19 02:53:01 UTC
From: w7qho@aol.com
Topic: 3120  Message: 3120

Three of these currently up on the ePlace.

Dennis D. W7QHO
Glendale, CA

**********
Need a new ride? Check out the largest site for U.S. used car
listings at AOL Autos.

(http://autos.aol.com/used?NCID=aolcmp00300000002851)

[Non-text portions of this message have been removed]

# 3121. S 15 on RF deck Model F

Yahoo group: T-368_BC-610
Date: 2008-04-22 15:34:56 UTC
From: Mark Foltarz
Topic: 3121  Message: 3121

Anyone know what that toggle switch is for ?

Its not on C models.

tnx
de KA4JVY
Mark

---
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# 3122. Re: [T-368_BC-610] S 15 on RF deck Model F

Yahoo group: T-368_BC-610
Date: 2008-04-22 17:09:54 UTC
From: w7qho@aol.com
Topic: 3121  Message: 3122

In a message dated 4/22/08 8:37:43 AM, Foltarz@... writes:

> Anyone know what that toggle switch is for ?
>
> Its not on C models.
>
Mark,

In earlier T-368 models the PTO runs continuously. The switch in the "F" model provides the option of letting it run continuously or only when the rig is keyed. My "C" (BTW) has what appears to be a field mod which keys the PTO along with the rest of the transmitter (always, no switch).

The PTO is well shielded so running continuously usually causes no interference on receive. However, a couple of exceptions to this have been reported on this forum.

Dennis D. W7QHO
Glendale, CA

**********
Need a new ride? Check out the largest site for U.S. used car listings at AOL Autos.

(http://autos.aol.com/used?NCID=aolcmp00300000002851)

[Non-text portions of this message have been removed]

# 3123. And now we have power....

Yahoo group: T-368_BC-610
Date: 2008-04-23 03:26:03 UTC
From: Mark Foltarz
Topic: 3123  Message: 3123

Regarding the lack of drive on my model F T-368....

Heh, nowhere have I found any mention of moving around the BNC connectors to 'patch' in the VFO to the buffer / multiplier.

But that is what was holding up the show. I am guessing that this was the loop for the FSK modulator.

So when I connected the PTO to J101 it came to life.

A few more tests and should be on the air.

de KA4JVY

Mark

---
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know-it-all with Yahoo! Mobile. Try it now.
http://mobile.yahoo.com/;_ylt=Ahu06i62sR8HDtDypao8Wcj9tAcJ

# 3124. Re: [T-368_BC-610] S 15 on RF deck Model F

Yahoo group: T-368_BC-610
Date: 2008-04-22 17:46:47 UTC
From: Mark Foltarz
Topic: 3121  Message: 3124

Dennis,

Thanks for reply.

I am currently trying to diagnose my T3.

Unfortunately cannot hear the VFO on local RX and there is no excitation to PA grid.'

Probably something simple. Time to check power supply etc.

de KA4JVY
Mark

----- Original Message ----
From: "w7qho@..." <w7qho@...>
To: Foltarz@...; T-368_BC-610@yahoogroups.com
Sent: Tuesday, April 22, 2008 1:09:54 PM
Subject: Re: [T-368_BC-610] S 15 on RF deck Model F

In a message dated 4/22/08 8:37:43 AM, Foltarz@rocketmail. com writes:

> Anyone know what that toggle switch is for ?
>
> Its not on C models.
>
Mark,

In earlier T-368 models the PTO runs continuously. The switch in the "F"
model provides the option of letting it run continuously or only when the rig is
keyed. My "C" (BTW) has what appears to be a field mod which keys the PTO
along with the rest of the transmitter (always, no switch).

The PTO is well shielded so running continuously usually causes no
interference on receive. However, a couple of exceptions to this have been reported on
this forum.

Dennis D. W7QHO
Glendale, CA

********** **
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(http://autos. aol.com/used? NCID=aolcmp00300 000002851)

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---
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[Non-text portions of this message have been removed]

# 3125. Remote control connector

Yahoo group: T-368_BC-610
Date: 2008-04-24 17:46:47 UTC
From: Mark Foltarz
Topic: 3125  Message: 3125

Group,

Anyone know what the designation of the male remote control connector that is used for the T368 ?

tnx

de KA4JVY

Mark

---
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http://mobile.yahoo.com/;_ylt=Ahu06i62sR8HDtDypao8Wcj9tAcJ

# 3126. BC-610-E CW key up voltage

Yahoo group: T-368_BC-610
Date: 2008-04-29 22:20:38 UTC
From: ve3iku
Topic: 3126  Message: 3126

I am restoring a BC-610-E. So far, I have the power supply chassis working. With 120VAC on the "2500V" tap, I measure 3400 V with just the bleeder resistor as a load...with a 12.5K resistor load, I measure 2650V which is more in line with the intended voltage. The 75K bleeder simply does not draw enough current for critical inductance (11H) to be a true choke input, so the voltage soars. Question: In CW, with the key up, there is no load on the power supply! So I would expect the voltage to swing from 2600V to over 3400V! Is this not way over the safe limit for 866A's? How does one operate CW then? On AM there is the modulator and RF deck heavy loads present all the time, so there is no problem.

73,
Boris

# 3127. Re: [T-368_BC-610] BC-610-E CW key up voltage

Yahoo group: T-368_BC-610
Date: 2008-04-29 22:34:26 UTC
From: rbethman
Topic: 3126  Message: 3127

Boris,

They made a change in the BC-610(X) series. In lieu of 866s, they went to 3B28s, a change in the gas used inside. I do NOT know if it was for the reason you are seeing, but I have NO stress on the 3B28s at all.

One of my two is a BC-610(I), the other one was redone by Depot in 1959, and has a new data plate referring to the radio as a T-213.

I guess I'm going to have to take the T-213 data plate off - IF for no other reason than to find out what the data plate that is UNDERNEATH it reads. Depot simply put the T-213 plate OVER the original.

Bob - N0DGN

ve3iku wrote:
>
> I am restoring a BC-610-E. So far, I have the power supply chassis
> working. With 120VAC on the "2500V" tap, I measure 3400 V with just
> the bleeder resistor as a load...with a 12.5K resistor load, I measure
> 2650V which is more in line with the intended voltage. The 75K
> bleeder simply does not draw enough current for critical inductance
> (11H) to be a true choke input, so the voltage soars. Question: In
> CW, with the key up, there is no load on the power supply! So I would
> expect the voltage to swing from 2600V to over 3400V! Is this not way
> over the safe limit for 866A's? How does one operate CW then? On AM
> there is the modulator and RF deck heavy loads present all the time,
> so there is no problem.
>
> 73,
> Boris
>
>

--
Bob Bethman/NØDGN/BC-610/Northern Radio
SP-600 Manassas, VA - MultiBand Dipoles

[Non-text portions of this message have been removed]

# 3128. Re: BC-610-E CW key up voltage

Yahoo group: T-368_BC-610
Date: 2008-04-29 23:40:05 UTC
From: ccstrozierjr
Topic: 3126  Message: 3128

--- In T-368_BC-610@yahoogroups.com, "ve3iku" <ve3iku@...> wrote:
>
> I am restoring a BC-610-E. So far, I have the power supply chassis
> working. With 120VAC on the "2500V" tap, I measure 3400 V with just
> the bleeder resistor as a load...with a 12.5K resistor load, I measure
> 2650V which is more in line with the intended voltage. The 75K
> bleeder simply does not draw enough current for critical inductance
> (11H) to be a true choke input, so the voltage soars. Question: In
> CW, with the key up, there is no load on the power supply! So I would
> expect the voltage to swing from 2600V to over 3400V! Is this not way
> over the safe limit for 866A's? How does one operate CW then? On AM
> there is the modulator and RF deck heavy loads present all the time,
> so there is no problem.
>
> 73,
> Boris
>
Hi Boris,
for whatever it is worth:
in the early 60's in the army my job was installing, and repairing BC-610's(I) & T-368'S thru the e model.I have a 610I at the house now.
we had 2 610 I's that operated cw 24/7, and keyed every 30sec. as channel markers. from time to time one of the 3b28's would go triping the overload relay.
we replaced the 3b28's with 866's and never had a failure in the 4 years I was there.
this was in germany, and we used a xformer 220 to 115v 50 hz to power the 610's.
to my knowledge the 3b28 is a xenon filled tube-less noise tham the 866.
my 610 I has 2700vdc using 3b28 at 120 v in. might be a good idea to use a step down xformer or Variac and operate at 115v.

best regards,
chuck strozier
Diamond Bar, CA

# 3129. Re: [T-368_BC-610] Remote control connector

Yahoo group: T-368_BC-610
Date: 2008-04-24 18:09:23 UTC
From: wa5cab@cs.com
Topic: 3125  Message: 3129

Also, the numbers I quoted are Frank. Amphenol also made similar connectors
but in general their part numbers make less sense and I've never actually come
across a 9-pin male from them. If they made it, it might have a number like
164-44MS-625. That's a guess based on the number for the R-392 female
connector.

In a message dated 4/24/2008 12:47:12 PM Central Daylight Time,
Foltarz@... writes:
> Group,
>
> Anyone know what the designation of the male remote control connector
> that is used for the T368 ?
>
> tnx
>

Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 3130. Re: [T-368_BC-610] BC-610-E CW key up voltage

Yahoo group: T-368_BC-610
Date: 2008-04-29 22:49:42 UTC
From: wa5cab@cs.com
Topic: 3126  Message: 3130

Boris,

I don't know the answer to your question. I haven't worked on any BC-610's since the 70's and memory grows dim. But that does sound excessive.

The change to 3B28's was made primarily because of problems when operating under arctic conditions. The warm-up period before you could operate the transmitter was excessive and if you cheated you'd arc over the 866's.

Bob, if your T-213/GRC-26 has cylindrical transformers (except for the plate transformer) it was a BC-610-F. If they are all rectangular with slightly rounded corners it was a -G, -H or -I. But you'll have to pull the nameplate to find out. However, unless you are just curious it doesn't really matter. I once owned three T-213's that were still in the crates when I got them. The only differences I ever noticed between the three was that one had been an -F.

In a message dated 4/29/2008 5:34:54 PM Central Daylight Time,
rbethman@... writes:
>
> They made a change in the BC-610(X) series. In lieu of 866s, they went
> to 3B28s, a change in the gas used inside. I do NOT know if it was for
> the reason you are seeing, but I have NO stress on the 3B28s at all.
>
> One of my two is a BC-610(I), the other one was redone by Depot in 1959,
> and has a new data plate referring to the radio as a T-213.
>
> I guess I'm going to have to take the T-213 data plate off - IF for no
> other reason than to find out what the data plate that is UNDERNEATH it
> reads. Depot simply put the T-213 plate OVER the original.

Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 3131. Re: [T-368_BC-610] Remote control connector

Yahoo group: T-368_BC-610
Date: 2008-04-24 18:03:39 UTC
From: wa5cab@cs.com
Topic: 3125  Message: 3131

There are several that will work. I think most commonly it was UW1320MB17. UW1220MB17 may have been supplied with some models. And depending upon what cable diameter you have, you might need 15 or 21 in place of 17 (the figures are the nominal cable gland or clamp diameter in 32nd's of an inch). Further, M means Male, B is the 9-contact insert, 1220 is dogbone style body (takes a special pin spanner to assemble) and 1320 is commonly referred to as cathredral style (assembly tool is a screwdriver).

In a message dated 4/24/2008 12:47:12 PM Central Daylight Time,
Foltarz@... writes:
> Group,
>
> Anyone know what the designation of the male remote control connector
> that is used for the T368 ?
>
> tnx
>
> de KA4JVY
>
> Mark
>

Robert & Susan Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 3132. FS: Crystals for BC610 etc.

Yahoo group: T-368_BC-610
Date: 2008-05-07 10:32:59 UTC
From: Bry Carling
Topic: 3132  Message: 3132

FOR SALE:

FT-171B Crystals for the BC610 etc.

Complete list available at:

http://www.af4k.com/FT171_crystals.htm

# 3133. Wanted: T-102 output transformer for BC-614-E Speech Amp

Yahoo group: T-368_BC-610
Date: 2008-05-22 16:03:28 UTC
From: g3vkm
Topic: 3133  Message: 3133

Hi All,

The BC-614-E speech amplifier for my BC-610-E has given up the ghost.
Looks like the output transformer, T-102, has an open circuit primary
winding to bot anodes of the 6SN7 output tube. Anyone have a scrap
'614 with one of these transformers in? Its made by the General
Transformer Co, their P/No is 55A022 and the Signal Corps P/No is G26257.

73

Roger Basford, G3VKM - Norfolk, England.

# 3134. Smoked and baked BC610 filament transformer

Yahoo group: T-368_BC-610
Date: 2008-05-23 14:59:39 UTC
From: Steve
Topic: 3134  Message: 3134

Was having an enjoyable QSO on 160, getting good modulation reports etc. At the end of a transmission, the faint smell of smoke and a sizzling sound. Turned off the power immediately, then thick black smoke started billowing out of the power supply section. When the smoke subsided, opened the back cover. The potted transformer T2 (rectifier filament transformer) was hot to the touch and the potting had fresh hot tar on it. (Also, the coil of the Dow Key antenna relay, which I powered from RY4, the antenna shorting relay supply, was hot to the touch).

Took a full week to air out the room.

Removed the rectifier tubes (3B28's) and turned on the filament switch, and the fuse T4 blew.

Has anyone experienced this? Is a burnt out T2 a common occurrence? Likely causes?

I hope to get this BC610 (H model I think) back on the air soon. Any suggestions would be most appreciated.

Many thanks and 73
Steve WA2DTW

# 3135. Re: [T-368_BC-610] Smoked and baked BC610 filament transformer

Yahoo group: T-368_BC-610
Date: 2008-05-23 16:14:53 UTC
From: rbethman
Topic: 3134  Message: 3135

Steve this is NOT a common occurrence that I know of at all. At least
over 7 years of having and using these Beasts.

You should be able to find another xfmr OR have it rewound.

Bob - N0DGN

Steve wrote:
>
>
> Was having an enjoyable QSO on 160, getting good modulation reports
> etc. At the end of a transmission, the faint smell of smoke and a
> sizzling sound. Turned off the power immediately, then thick black
> smoke started billowing out of the power supply section. When the
> smoke subsided, opened the back cover. The potted transformer T2
> (rectifier filament transformer) was hot to the touch and the potting
> had fresh hot tar on it. (Also, the coil of the Dow Key antenna
> relay, which I powered from RY4, the antenna shorting relay supply,
> was hot to the touch).
>
> Took a full week to air out the room.
>
> Removed the rectifier tubes (3B28's) and turned on the filament
> switch, and the fuse T4 blew.
>
> Has anyone experienced this? Is a burnt out T2 a common occurrence?
> Likely causes?
>
> I hope to get this BC610 (H model I think) back on the air soon. Any
> suggestions would be most appreciated.
>
> Many thanks and 73
> Steve WA2DTW
>
>

# 3136. Re: [T-368_BC-610] Smoked and baked BC610 filament transformer

Yahoo group: T-368_BC-610
Date: 2008-05-23 16:41:33 UTC
From: george portell
Topic: 3134  Message: 3136

hi steve i keep 5 bc610`s running and 3 t3`s, i had
the same thing happen to me some years ago on a
bc610/i model.i believe the primary had shorted turns
.my repair was to disconnect the xformer from the
circuit completely. then i simply plugged in a pair of
solid state rects into the sockets,and away it went .i
left the old xformer in place and added a note by the
rect tubes saying to only use solid state rects as
replacements this box has been running happy for abt 6
yrs this way and i consider it an advanced fix. its a
whole lot cheaper than having the xformer rewound and
everything looks the same. 73`s for now i hope i have
been of some help.bro geo w8qbg.te replacements and
that the xformer was defective.
--- Steve <victorsj@...> wrote:

> Was having an enjoyable QSO on 160, getting good
> modulation reports
> etc. At the end of a transmission, the faint smell
> of smoke and a
> sizzling sound. Turned off the power immediately,
> then thick black
> smoke started billowing out of the power supply
> section. When the
> smoke subsided, opened the back cover. The potted
> transformer T2
> (rectifier filament transformer) was hot to the
> touch and the potting
> had fresh hot tar on it. (Also, the coil of the Dow
> Key antenna
> relay, which I powered from RY4, the antenna
> shorting relay supply,
> was hot to the touch).
>
> Took a full week to air out the room.
>
> Removed the rectifier tubes (3B28's) and turned on
> the filament
> switch, and the fuse T4 blew.
>
> Has anyone experienced this? Is a burnt out T2 a
> common occurrence?
> Likely causes?
>
> I hope to get this BC610 (H model I think) back on

> the air soon. Any
> suggestions would be most appreciated.
>
> Many thanks and 73
> Steve WA2DTW
>
>

# 3137. Re: [T-368_BC-610] Smoked and baked BC610 filament transformer

Yahoo group: T-368_BC-610
Date: 2008-05-23 18:30:10 UTC
From: James M. Walker
Topic: 3134  Message: 3137

Which BC-610 is it first of all and second is it stock? Another question comes to
mind here as well, you mentioned you are using the antenna shorting relay supply
voltage to operate the dow key, is that correct. As in when in transmit the antenna relay removes the short to the antenna terminals. Current draw is a question. Dow keys don't really use a lot unless you are doing something fancy with them.

Oh yeah on 160 meters, what are you using for antenna "system" description please.
Jim
WB2FCN

----- Original Message -----
From: "Steve" <victorsj@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Friday, May 23, 2008 10:59 AM
Subject: [T-368_BC-610] Smoked and baked BC610 filament transformer

> Was having an enjoyable QSO on 160, getting good modulation reports
> etc. At the end of a transmission, the faint smell of smoke and a
> sizzling sound. Turned off the power immediately, then thick black
> smoke started billowing out of the power supply section. When the
> smoke subsided, opened the back cover. The potted transformer T2
> (rectifier filament transformer) was hot to the touch and the potting
> had fresh hot tar on it. (Also, the coil of the Dow Key antenna
> relay, which I powered from RY4, the antenna shorting relay supply,
> was hot to the touch).
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> Took a full week to air out the room.
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> Removed the rectifier tubes (3B28's) and turned on the filament
> switch, and the fuse T4 blew.
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> Has anyone experienced this? Is a burnt out T2 a common occurrence?
> Likely causes?
>
> I hope to get this BC610 (H model I think) back on the air soon. Any
> suggestions would be most appreciated.
>
> Many thanks and 73
> Steve WA2DTW
>
>
> ------------------------------------

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> Yahoo! Groups Links
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# 3138. RE: Filament transformer

Yahoo group: T-368_BC-610
Date: 2008-05-23 23:21:28 UTC
From: Steve Hobensack
Topic: 3138  Message: 3138

My T-368 used to use 3B28's. I use a pair of those solid state rectifiers that look like a metal 6L6 with a plate cap. The rectifier filament transformer is now redundant. I don't remember the nomenclature of the solid state rectifiers, but they are a fairly common thing at hamfests. They twist right in without mods.
..Steve..N8YE

---
Date: Fri, 23 May 2008 16:37:50 +0000
From: T-368_BC-610@yahoogroups.com
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] Digest Number 1299

This list concerns the operation, maintenance, and repair of the T-368 and BC-610 military surplus HF radio transmitters especi
Messages In This Digest (2 Messages)

1a.
Smoked and baked BC610 filament transformer From: Steve
1b.
Re: Smoked and baked BC610 filament transformer From: rbethman
View All Topics | Create New Topic
Messages

1a.
Smoked and baked BC610 filament transformer
Posted by: 'Steve' victorsj@... victorsj
Fri May 23, 2008 7:59 am (PDT)
Was having an enjoyable QSO on 160, (snip)

---
Keep your kids safer online with Windows Live Family Safety.
http://www.windowslive.com/family_safety/overview.html?ocid=TXT_TAGLM_WL_Refresh_family_safety_052008

# 3139. Re: [T-368_BC-610] RE: Filament transformer

Yahoo group: T-368_BC-610
Date: 2008-05-24 02:02:27 UTC
From: James M. Walker
Topic: 3138  Message: 3139

NOT True! Actually, due to the design layout, the problem he seems to be having DOES require the filament transformer to be present, unless a connection is made from the 2N2367 socket to the input of the HV choke. If he just pops the rectifiers in and it turns out that there is an open in the lead
that goes to the choke (physically) there will be NO high voltage output.

Lets first look at the schematic before declaring that it just takes a device
change as in from 866/3B28 to the 2N2367s to "keep on trucking". It really does matter if the filament transformer is open, as you would need to make certain the HV circuit is complete.

As always your mileage may vary. FWIW
Jim
WB2FCN

----- Original Message -----
From: "Steve Hobensack" <stevehobensack@...>
To: "T-368_BC-610@yahoogroups.com" <t-368_bc-610@yahoogroups.com>
Cc: <victorsj@...>
Sent: Friday, May 23, 2008 7:21 PM
Subject: [T-368_BC-610] RE: Filament transformer

>
> My T-368 used to use 3B28's. I use a pair of those solid state rectifiers
> that look like a metal 6L6 with a plate cap. The rectifier filament
> transformer is now redundant. I don't remember the nomenclature of the
> solid state rectifiers, but they are a fairly common thing at hamfests.
> They twist right in without mods.
> ..Steve..N8YE
>
> _____
> Date: Fri, 23 May 2008 16:37:50 +0000
> From: T-368_BC-610@yahoogroups.com
> To: T-368_BC-610@yahoogroups.com
> Subject: [T-368_BC-610] Digest Number 1299
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> View All Topics | Create New Topic
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> 1a.
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> Fri May 23, 2008 7:59 am (PDT)
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> ---
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> Yahoo! Groups Links
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# 3140. Re: [SPAM]Re: [T-368_BC-610] RE: Filament transformer

Yahoo group: T-368_BC-610
Date: 2008-05-24 03:31:13 UTC
From: Alan Morriss
Topic: 3140  Message: 3140

hello all, i use the solid state replacements for the 866s, as i was gived a pair by roger, g3vkm. i presume they do not require filament voltage. one day i may put the 866s back when i get round to it ! alan g4gen
----- Original Message -----
From: James M. Walker
To: T-368_BC-610@yahoogroups.com
Cc: victorsj@...
Sent: Saturday, May 24, 2008 3:02 AM
Subject: [SPAM]Re: [T-368_BC-610] RE: Filament transformer

NOT True! Actually, due to the design layout, the problem he seems to be
having DOES require the filament transformer to be present, unless a
connection is made from the 2N2367 socket to the input of the HV choke.
If he just pops the rectifiers in and it turns out that there is an open in
the lead
that goes to the choke (physically) there will be NO high voltage output.

Lets first look at the schematic before declaring that it just takes a
device
change as in from 866/3B28 to the 2N2367s to "keep on trucking". It really
does matter if the filament transformer is open, as you would need to make
certain the HV circuit is complete.

As always your mileage may vary. FWIW
Jim
WB2FCN

----- Original Message -----
From: "Steve Hobensack" <stevehobensack@...>
To: "T-368_BC-610@yahoogroups.com" <t-368_bc-610@yahoogroups.com>
Cc: <victorsj@...>
Sent: Friday, May 23, 2008 7:21 PM
Subject: [T-368_BC-610] RE: Filament transformer

>
> My T-368 used to use 3B28's. I use a pair of those solid state rectifiers
> that look like a metal 6L6 with a plate cap. The rectifier filament
> transformer is now redundant. I don't remember the nomenclature of the
> solid state rectifiers, but they are a fairly common thing at hamfests.
> They twist right in without mods.
> ..Steve..N8YE
>
> _____
> Date: Fri, 23 May 2008 16:37:50 +0000
> From: T-368_BC-610@yahoogroups.com
> To: T-368_BC-610@yahoogroups.com

> Subject: [T-368_BC-610] Digest Number 1299
>
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> Fri May 23, 2008 7:59 am (PDT)
> Was having an enjoyable QSO on 160, (snip)
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> ---
>
> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

# 3141. Re: [SPAM]Re: [T-368_BC-610] RE: Filament transformer

Yahoo group: T-368_BC-610
Date: 2008-05-24 11:50:20 UTC
From: rbethman
Topic: 3140  Message: 3141

Folks are missing the REAL point!

It is NOT that the solid state replacements "require" a filament voltage.

What WB2FCN is EXPLAINING, is that there is a REQUIRED continuity in the circuitry. THEREFORE, if there is no continuity THROUGH the filament transformer, you WILL have issues with the HV.

Bob - N0DGN

Alan Morriss wrote:
>
>
> hello all, i use the solid state replacements for the 866s, as i was
> gived a pair by roger, g3vkm. i presume they do not require filament
> voltage. one day i may put the 866s back when i get round to it ! alan g4gen
> ----- Original Message -----
> From: James M. Walker
> To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> Cc: victorsj@... <mailto:victorsj%40yahoo.com>
> Sent: Saturday, May 24, 2008 3:02 AM
> Subject: [SPAM]Re: [T-368_BC-610] RE: Filament transformer
>
> NOT True! Actually, due to the design layout, the problem he seems to be
> having DOES require the filament transformer to be present, unless a
> connection is made from the 2N2367 socket to the input of the HV choke.
> If he just pops the rectifiers in and it turns out that there is an open in
> the lead
> that goes to the choke (physically) there will be NO high voltage output.
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> Lets first look at the schematic before declaring that it just takes a
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> change as in from 866/3B28 to the 2N2367s to "keep on trucking". It really
> does matter if the filament transformer is open, as you would need to make
> certain the HV circuit is complete.
>
> As always your mileage may vary. FWIW
> Jim
> WB2FCN
>
> ----- Original Message -----
> From: "Steve Hobensack" <stevehobensack@...
> <mailto:stevehobensack%40hotmail.com>>
> To: "T-368_BC-610@yahoogroups.com
> <mailto:T-368_BC-610%40yahoogroups.com>" <t-368_bc-610@yahoogroups.com
> <mailto:t-368_bc-610%40yahoogroups.com>>

> Cc: <victorsj@... <mailto:victorsj%40yahoo.com>>
> Sent: Friday, May 23, 2008 7:21 PM
> Subject: [T-368_BC-610] RE: Filament transformer
>
> >
> > My T-368 used to use 3B28's. I use a pair of those solid state
> rectifiers
> > that look like a metal 6L6 with a plate cap. The rectifier filament
> > transformer is now redundant. I don't remember the nomenclature of the
> > solid state rectifiers, but they are a fairly common thing at hamfests.
> > They twist right in without mods.
> > ..Steve..N8YE
> >
> > _____
> > Date: Fri, 23 May 2008 16:37:50 +0000
> > From: T-368_BC-610@yahoogroups.com
> <mailto:T-368_BC-610%40yahoogroups.com>
> > To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
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_safety_052008>
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>
> [Non-text portions of this message have been removed]
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>

# 3142. Re: [Boatanchors] Re: Heavy 'anchor' For Sale

Yahoo group: T-368_BC-610
Date: 2008-05-24 14:19:26 UTC
From: rbethman
Topic: 3142  Message: 3142

Warren,

160 mtr PA coils ARE out there. If not located, they can be made. There USED to be a website where someone had made a 160 mtr PA coil by applying windings on PVC. I can't find that information at the moment.

That's why I included WB2FCN in the addresses. He's the "miracle worker" on these "Beasts".

There are three pages in the TM regarding modification for 160 meter use. Once so modified, IT MUST BE UN-DONE FOR USE ON ANOTHER BAND!

For 160 meters, use a 2.0 - 2.5 type tuning unit. To lower the frequency of the tuning units hang a 100pf cap across each of the variable caps in the unit. Be VERY careful when you set the frequency! You can get DOWN to a bit above 1600KC!

Bob - N0DGN

Warren Elly wrote:
> Bob... I have a bc-610I... and I'm wondering how folks get them on
> 160... tank coils mod? fundamental crystals in the tu-47? which my docs
> say stops at 2.0 Mhz...
> I'd love to get the beast on top band...
> thanks for the feedback!
> 73, Warren W1GUD
> Tampa
>
> On May 23, 2008, at 12:08 PM, rbethman wrote:
>
>> I can "understand" someone wanting a very nice homebrew rig. BUT,
>> I've got two BC-610s. One is actually a T-213, the latest model done
>> by Depot in 1959.
>>
>> 400W carrier, have to tweak it down to be legal, 100% modulation,
>> about 4 foot tall and 400 lbs. Parts still available. 160 mtrs
>> through 20 meters. CAN be modified to run 10 meters as the original
>> HT-4.
>>
>> Bob - N0DGN
>>
>> weighs about 500 pounds;
>>> 1947 Classic Homebrew 6 foot rack rig;
>>> 100 watts AM/CW
>>> 2 x 1625's final modulated with 2 x 807's
>>> 80 to 10 meters

>>> External ARC-5 VFO
>>> Full documentation by engineer builder - Superior condition
>>> Featured in Electric Radio Vintage Ham Station monthly calendar
>> _____
>
>

# 3143. Re: [T-368_BC-610] Re: [Boatanchors] Re: Heavy 'anchor' For Sale

Yahoo group: T-368_BC-610
Date: 2008-05-24 14:52:25 UTC
From: Rodger Hough
Topic: 3142  Message: 3143

Warren:

I found the link for the 160M coil for the BC-610. it is

http://www.hamelectronics.com/w1cki/mk160coil/mk160coil.htm

Rodger
K1HH

On May 24, 2008, at 10:19 AM, rbethman wrote:

> Warren,
>
> 160 mtr PA coils ARE out there. If not located, they can be made.
> There
> USED to be a website where someone had made a 160 mtr PA coil by
> applying windings on PVC. I can't find that information at the moment.
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> There are three pages in the TM regarding modification for 160 meter
> use. Once so modified, IT MUST BE UN-DONE FOR USE ON ANOTHER BAND!
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> frequency
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> the variable caps in the unit. Be VERY careful when you set the
> frequency! You can get DOWN to a bit above 1600KC!
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> Bob - N0DGN
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> Warren Elly wrote:
> > Bob... I have a bc-610I... and I'm wondering how folks get them on
> > 160... tank coils mod? fundamental crystals in the tu-47? which
> my docs
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> > I'd love to get the beast on top band...
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> >> through 20 meters. CAN be modified to run 10 meters as the original
> >> HT-4.
> >>
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> >> weighs about 500 pounds;
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> >>> 2 x 1625's final modulated with 2 x 807's
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>

[Non-text portions of this message have been removed]

# 3144. Re: [T-368_BC-610] Re: [Boatanchors] Re: Heavy 'anchor' For Sale

Yahoo group: T-368_BC-610
Date: 2008-05-24 15:34:57 UTC
From: rbethman
Topic: 3142  Message: 3144

Rodger,

Thanks!

Warren isn't on the group YET. I forwarded the link AND the suggestion
to join the group.

Bob - N0DGN

Rodger Hough wrote:
>
>
> Warren:
>
> I found the link for the 160M coil for the BC-610. it is
>
> http://www.hamelectronics.com/w1cki/mk160coil/mk160coil.htm
> <http://www.hamelectronics.com/w1cki/mk160coil/mk160coil.htm>
>
> Rodger
> K1HH
>

# 3145. Re: [T-368_BC-610] Re: [Boatanchors] Re: Heavy 'anchor' For Sale

Yahoo group: T-368_BC-610
Date: 2008-05-24 15:38:59 UTC
From: Warren Elly
Topic: 3142  Message: 3145

Roger, Bob and the gang... I'm on the group, just old fashioned, I
don't usually reply to all
73, and hope to hear some AMers down here in Florida Sunday morning on
the FL AM GROUP
3675 7am...
Thanks for all the help and the link to the 160m coil...
I'm listening on 7290 now (1600z)...but may be a bit early for farty...

AM!!

73, Warren W1GUD
On May 24, 2008, at 11:34 AM, rbethman wrote:

> Rodger,
>
> Thanks!
>
> Warren isn't on the group YET. I forwarded the link AND the suggestion
> to join the group.
>
> Bob - N0DGN
>
> Rodger Hough wrote:
> >
> >
> > Warren:
> >
> > I found the link for the 160M coil for the BC-610. it is
> >
> > http://www.hamelectronics.com/w1cki/mk160coil/mk160coil.htm
> > <http://www.hamelectronics.com/w1cki/mk160coil/mk160coil.htm>
> >
> > Rodger
> > K1HH
> >
>
>

[Non-text portions of this message have been removed]

# 3146. Re: [T-368_BC-610] Re: [Boatanchors] Re: Heavy 'anchor' For Sale

Yahoo group: T-368_BC-610
Date: 2008-05-24 15:56:06 UTC
From: rbethman
Topic: 3142  Message: 3146

Warren,

You mentioned that you had the Hallicrafters manual for it.

Keep in mind that the HT-4 was advertised AND sold to go on 10 meters.

Uncle Sam INTENTIONALLY dropped that. These "animals" CAN do so with reworking of a TU AND winding your own PA coil - HOWEVER - they get a bit squirrelly on 10. They have a predeliction to start the entire chassis crawling with RF! Not a nice thing.

You may want to pick up a BC-939 antenna tuner for use with what Uncle "called" long wires. They run 44 feet from 60 through 20, and 77 feet on 160.

Another component is the ME-165 wattmeter, SWR meter, and 400W air-cooled dummy load.

Just all depends where and how you want to go.

Bob - N0DGN

Warren Elly wrote:
>
>
> Roger, Bob and the gang... I'm on the group, just old fashioned, I
> don't usually reply to all
> 73, and hope to hear some AMers down here in Florida Sunday morning on
> the FL AM GROUP
> 3675 7am...
> Thanks for all the help and the link to the 160m coil...
> I'm listening on 7290 now (1600z)...but may be a bit early for farty...
>
> AM!!
>
> 73, Warren W1GUD

# 3147. Re: [T-368_BC-610] Re: [Boatanchors] Re: Heavy 'anchor' For Sale

Yahoo group: T-368_BC-610
Date: 2008-05-24 16:52:38 UTC
From: Warren Elly
Topic: 3142  Message: 3147

Bob..

Its the military manual, but printed apparently by/for Hallicrafters, since it has all the usual military material front and back, but doesn't carry
any "TM" nomenclature, save one of the packing lists where the TM-II-826 is referenced. Same as the front panel badge below the I model's name rank and serial number (44 3357-PHILA-52).

The closest I'd come on the high end might be 18 mHz as the cycle comes up.
I'm just trying to get ready for next season, since the summer qrn season is starting up here.
I'm breadboarding a breadslicer and roller for the base of the 160m 1/4 wave inverted L, though its been working
ok with a bunch of 5kv doorknob capacitors at the feedpoint. Another shortcoming is the radial department, less than a dozen are in the ground and they are not 360 as I haven't talked myself into crawling under the house to pull the rest of the radials yet.

I'm on 75, 40 and 20 at the time, but have only worked my old friend TimTron on 20. I've had the transmitter on the air permanently since January. I have to work on the 40 meter TU, as I'm not getting enough drive with my 3645 crystal. Using the MO I'm also short on drive, so I'm going to test the tube chain in the exciter and then start troubleshooting the TU-52.

I'm also looking for an I model back panel, if anyone has one laying around the barn!

Thanks and 73 to you Bob....and all the T3 and Beastie fans....sure is fun..

Warren W1GUD
TampaBay, FL

FL AM GROUP 3675 7am Sundays also listening 3805

On May 24, 2008, at 11:56 AM, rbethman wrote:

> Warren,
>
> You mentioned that you had the Hallicrafters manual for it.
>
> Keep in mind that the HT-4 was advertised AND sold to go on 10 meters.
>
> Uncle Sam INTENTIONALLY dropped that. These "animals" CAN do so with

> reworking of a TU AND winding your own PA coil - HOWEVER - they get a
> bit squirrelly on 10. They have a predeliction to start the entire
> chassis crawling with RF! Not a nice thing.
>
> You may want to pick up a BC-939 antenna tuner for use with what Uncle
> "called" long wires. They run 44 feet from 60 through 20, and 77 feet
> on 160.
>
> Another component is the ME-165 wattmeter, SWR meter, and 400W
> air-cooled dummy load.
>
> Just all depends where and how you want to go.
>
> Bob - N0DGN
>
> Warren Elly wrote:
> >
> >
> > Roger, Bob and the gang... I'm on the group, just old fashioned, I
> > don't usually reply to all
> > 73, and hope to hear some AMers down here in Florida Sunday
> morning on
> > the FL AM GROUP
> > 3675 7am...
> > Thanks for all the help and the link to the 160m coil...
> > I'm listening on 7290 now (1600z)...but may be a bit early for
> farty...
> >
> > AM!!
> >
> > 73, Warren W1GUD
>
>

[Non-text portions of this message have been removed]

# 3148. Re: [T-368_BC-610] RE: Filament transformer

Yahoo group: T-368_BC-610
Date: 2008-05-24 18:27:54 UTC
From: george portell
Topic: 3138  Message: 3148

i think ever one who looks at the dia of the bc610
knows that when you disconnect the fil xformer out of
the circuitand install solid state plug in`s in their
place, some minor wire changing has to take
place,however if you leave the xformer in place and
its a good one the change out works fine . DUH, DUH!!!
--- "James M. Walker" <chejmw@...> wrote:

> NOT True! Actually, due to the design layout, the
> problem he seems to be
> having DOES require the filament transformer to be
> present, unless a
> connection is made from the 2N2367 socket to the
> input of the HV choke.
> If he just pops the rectifiers in and it turns out
> that there is an open in
> the lead
> that goes to the choke (physically) there will be NO
> high voltage output.
>
> Lets first look at the schematic before declaring
> that it just takes a
> device
> change as in from 866/3B28 to the 2N2367s to "keep
> on trucking". It really
> does matter if the filament transformer is open, as
> you would need to make
> certain the HV circuit is complete.
>
> As always your mileage may vary. FWIW
> Jim
> WB2FCN
>
> ----- Original Message -----
> From: "Steve Hobensack" <stevehobensack@...>
> To: "T-368_BC-610@yahoogroups.com"
> <t-368_bc-610@yahoogroups.com>
> Cc: <victorsj@...>
> Sent: Friday, May 23, 2008 7:21 PM
> Subject: [T-368_BC-610] RE: Filament transformer
>
>
> >
> > My T-368 used to use 3B28's. I use a pair of those
> solid state rectifiers

> > that look like a metal 6L6 with a plate cap. The
> rectifier filament
> > transformer is now redundant. I don't remember the
> nomenclature of the
> > solid state rectifiers, but they are a fairly
> common thing at hamfests.
> > They twist right in without mods.
> > ..Steve..N8YE
> >
> > _____
> > Date: Fri, 23 May 2008 16:37:50 +0000
> > From: T-368_BC-610@yahoogroups.com
> > To: T-368_BC-610@yahoogroups.com
> > Subject: [T-368_BC-610] Digest Number 1299
> >
> > This list concerns the operation, maintenance, and
> repair of the T-368 and
> > BC-610 military surplus HF radio transmitters
> especi
> > Messages In This Digest (2 Messages)
> >
> > 1a.
> > Smoked and baked BC610 filament transformer From:
> Steve
> > 1b.
> > Re: Smoked and baked BC610 filament transformer
> From: rbethman
> > View All Topics | Create New Topic
> > Messages
> >
> > 1a.
> > Smoked and baked BC610 filament transformer
> > Posted by: 'Steve' victorsj@... victorsj
> > Fri May 23, 2008 7:59 am (PDT)
> > Was having an enjoyable QSO on 160, (snip)
> >
>

---
> > Keep your kids safer online with Windows Live
> Family Safety.
> >
>
http://www.windowslive.com/family_safety/overview.html?ocid=TXT_TAGLM_WL_Refresh_family_safety_052008
> > ---
> >
> > Yahoo! Groups Links
> >
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>

# 3149. RE: Re: [T-368_BC-610] RE: Filament transformer

Yahoo group: T-368_BC-610
Date: 2008-05-24 18:36:01 UTC
From: Trevor
Topic: 3138  Message: 3149

Regarding the comment below, someone once said
"anyone who thinks anything is foolproof
underestimates the limitless capacity of fools" and
we all have a foolish moment once in a while, so...
it's a good thing that folks here are eager to
contribute valuable information and suggestions of
all sorts.

Someone also once said if you make anything 100%
foolproof, only a complete fool would want to use it

73
Trevor
KD1YT, owner of a T-368E that gets too little
attention amidst the rest of life

------- Original Message -------
From : george portell[mailto:w8qbg@...]
Sent : 5/24/2008 2:27:54 PM
To : T-368_BC-610@yahoogroups.com
Cc : victorsj@...
Subject : RE: Re: [T-368_BC-610] RE: Filament transformer

i think ever one who looks at the dia of
the bc610

knows that when you disconnect the fil xformer out of

the circuitand install solid state plug in`s in their

place, some minor wire changing has to take

place,however if you leave the xformer in place and

its a good one the change out works fine . DUH, DUH!!!

--- "James M. Walker" <chejmw@...> wrote:

> NOT True! Actually, due to the design layout, the

> problem he seems to be

> having DOES require the filament transformer to be

> present, unless a

> connection is made from the 2N2367 socket to the

> input of the HV choke.

> If he just pops the rectifiers in and it turns out

> that there is an open in

> the lead

> that goes to the choke (physically) there will be NO

> high voltage output.

>

> Lets first look at the schematic before declaring

> that it just takes a

> device

> change as in from 866/3B28 to the 2N2367s to "keep

> on trucking". It really

> does matter if the filament transformer is open, as

> you would need to make

> certain the HV circuit is complete.

>

> As always your mileage may vary. FWIW

> Jim

> WB2FCN

>

> ----- Original Message -----

> From: "Steve Hobensack" <stevehobensack@...>

> To: "T-368_BC-610@yahoogroups.com"

> <t-368_bc-610@yahoogroups.com>

> Cc: <victorsj@...>

> Sent: Friday, May 23, 2008 7:21 PM

> Subject: [T-368_BC-610] RE: Filament transformer

>

>

> >

> > My T-368 used to use 3B28's. I use a pair of those

> solid state rectifiers

> > that look like a metal 6L6 with a plate cap. The

> rectifier filament

> > transformer is now redundant. I don't remember the

> nomenclature of the

> > solid state rectifiers, but they are a fairly

> common thing at hamfests.

> > They twist right in without mods.

> > ..Steve..N8YE

> >

> > _____

> > Date: Fri, 23 May 2008 16:37:50 +0000

> > From: T-368_BC-610@yahoogroups.com

> > To: T-368_BC-610@yahoogroups.com

> > Subject: [T-368_BC-610] Digest Number 1299

> >

> > This list concerns the operation, maintenance, and

> repair of the T-368 and

> > BC-610 military surplus HF radio transmitters

> especi

> > Messages In This Digest (2 Messages)

> >

> > 1a.

> > Smoked and baked BC610 filament transformer From:

> Steve

> > 1b.

> > Re: Smoked and baked BC610 filament transformer

> From: rbethman

> > View All Topics | Create New Topic

> > Messages

> >

> > 1a.

> > Smoked and baked BC610 filament transformer

> > Posted by: 'Steve' victorsj@... victorsj

> > Fri May 23, 2008 7:59 am (PDT)

> > Was having an enjoyable QSO on 160, (snip)

> >

>

------------------------------------------------------------

> > Keep your kids safer online with Windows Live

> Family Safety.

> >

>

http://www.windowslive.com/family_safety/overview.html?ocid=TXT_TAGLM_WL_Refresh_family_safety_052008

> > ------------------------------------

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> > Yahoo! Groups Links

> >

> >

> >

> >

> >

>

>

>

# 3150. RE: Re: [T-368_BC-610] RE: Filament transformer

Yahoo group: T-368_BC-610
Date: 2008-05-24 18:36:06 UTC
From: Trevor
Topic: 3138  Message: 3150

Regarding the comment below, someone once said
"anyone who thinks anything is foolproof
underestimates the limitless capacity of fools" and
we all have a foolish moment once in a while, so...
it's a good thing that folks here are eager to
contribute valuable information and suggestions of
all sorts.

Someone also once said if you make anything 100%
foolproof, only a complete fool would want to use it

73
Trevor
KD1YT, owner of a T-368E that gets too little
attention amidst the rest of life

------- Original Message -------
From : george portell[mailto:w8qbg@...]
Sent : 5/24/2008 2:27:54 PM
To : T-368_BC-610@yahoogroups.com
Cc : victorsj@...
Subject : RE: Re: [T-368_BC-610] RE: Filament transformer

i think ever one who looks at the dia of
the bc610

knows that when you disconnect the fil xformer out of

the circuitand install solid state plug in`s in their

place, some minor wire changing has to take

place,however if you leave the xformer in place and

its a good one the change out works fine . DUH, DUH!!!

--- "James M. Walker" <chejmw@...> wrote:

> NOT True! Actually, due to the design layout, the

> problem he seems to be

> having DOES require the filament transformer to be

> present, unless a

> connection is made from the 2N2367 socket to the

> input of the HV choke.

> If he just pops the rectifiers in and it turns out

> that there is an open in

> the lead

> that goes to the choke (physically) there will be NO

> high voltage output.

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> Lets first look at the schematic before declaring

> that it just takes a

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> change as in from 866/3B28 to the 2N2367s to "keep

> on trucking". It really

> does matter if the filament transformer is open, as

> you would need to make

> certain the HV circuit is complete.

>

> As always your mileage may vary. FWIW

> Jim

> WB2FCN

>

> ----- Original Message -----

> From: "Steve Hobensack" <stevehobensack@...>

> To: "T-368_BC-610@yahoogroups.com"

> <t-368_bc-610@yahoogroups.com>

> Cc: <victorsj@...>

> Sent: Friday, May 23, 2008 7:21 PM

> Subject: [T-368_BC-610] RE: Filament transformer

>

>

> >

> > My T-368 used to use 3B28's. I use a pair of those

> solid state rectifiers

> > that look like a metal 6L6 with a plate cap. The

> rectifier filament

> > transformer is now redundant. I don't remember the

> nomenclature of the

> > solid state rectifiers, but they are a fairly

> common thing at hamfests.

> > They twist right in without mods.

> > ..Steve..N8YE

> >

> > _____

> > Date: Fri, 23 May 2008 16:37:50 +0000

> > From: T-368_BC-610@yahoogroups.com

> > To: T-368_BC-610@yahoogroups.com

> > Subject: [T-368_BC-610] Digest Number 1299

> >

> > This list concerns the operation, maintenance, and

> repair of the T-368 and

> > BC-610 military surplus HF radio transmitters

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> > Messages In This Digest (2 Messages)

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> > 1a.

> > Smoked and baked BC610 filament transformer From:

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> > Re: Smoked and baked BC610 filament transformer

> From: rbethman

> > View All Topics | Create New Topic

> > Messages

> >

> > 1a.

> > Smoked and baked BC610 filament transformer

> > Posted by: 'Steve' victorsj@... victorsj

> > Fri May 23, 2008 7:59 am (PDT)

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> >

>

------------------------------------------------------------

> > Keep your kids safer online with Windows Live

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> >

>

http://www.windowslive.com/family_safety/overview.html?ocid=TXT_TAGLM_WL_Refresh_family_safety_052008

> > ------------------------------------

> >

> > Yahoo! Groups Links

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>

>

# 3151. Re: [SPAM]Re: [T-368_BC-610] RE: Filament transformer

Yahoo group: T-368_BC-610
Date: 2008-05-24 14:48:44 UTC
From: wa5cab@cs.com
Topic: 3140  Message: 3151

And there is another possibility (if anyone has mentioned it I missed it).
The description in the original incident report of what happened suggests a
sudden catastrophic failure (black smoke). If the failure was the LV secondary
shorting to case, all that would be accomplished by simply plugging in a pair
of SS replacements would be the immediate destruction of the replacements.

In a message dated 5/24/2008 6:50:37 AM Central Daylight Time,
rbethman@... writes:
> Folks are missing the REAL point!
>
> It is NOT that the solid state replacements "require" a filament voltage.
>
> What WB2FCN is EXPLAINING, is that there is a REQUIRED continuity in the
> circuitry. THEREFORE, if there is no continuity THROUGH the filament
> transformer, you WILL have issues with the HV.
>
> Bob - N0DGN
>
>

Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 3152. Re: [T-368_BC-610] Re: [Boatanchors] Re: Heavy 'anchor' For Sale

Yahoo group: T-368_BC-610
Date: 2008-05-24 18:48:33 UTC
From: wa5cab@cs.com
Topic: 3142  Message: 3152

Warren,

What you have is what was know as a Contractor's Preliminary or just
Preliminary Manual. Produced to get something into print while the final manual was
being produced. This was done some in the 40's and a lot in the 50's.
Usually, if you look carefully under the photographs , tables and drawings you will
find information that will tell you what the final TM number is going to be.
I've seen cases where it doesn't appear that a final manual was ever produced.
Frequently the preliminary will cover a single letter model and the final
will cover two or more. Which is the case with this one.

FWIW, "3357-PHILA-52" is the Signal Corps Order Number (or one of them) for
BC-610-I's and associated equipment.

In a message dated 5/24/2008 11:52:58 AM Central Daylight Time,
w1gud@... writes:
> Its the military manual, but printed apparently by/for Hallicrafters,
> since it has all the usual military material front and back, but
> doesn't carry
> any "TM" nomenclature, save one of the packing lists where the TM-
> II-826 is referenced. Same as the front panel badge below the I model's
> name rank and serial number (44 3357-PHILA-52).
>

Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 3153. Re: [T-368_BC-610] Smoked and baked BC610 filament transformer

Yahoo group: T-368_BC-610
Date: 2008-05-23 15:29:12 UTC
From: wa5cab@cs.com
Topic: 3134  Message: 3153

Steve,

As Bob said, this isn't what you would call a common problem but it's not unheard of, either. The transformer ratings, for looking for a replacement or rewinding purposes, are 100/115 VAC primary (give or take) and 2.5 VAC/10 A secondary. And the kicker, the secondary insulation should be rated at 10 KV or better.

In a message dated 5/23/2008 9:59:57 AM Central Daylight Time,
victorsj@... writes:
> Was having an enjoyable QSO on 160, getting good modulation reports
> etc. At the end of a transmission, the faint smell of smoke and a
> sizzling sound. Turned off the power immediately, then thick black
> smoke started billowing out of the power supply section. When the
> smoke subsided, opened the back cover. The potted transformer T2
> (rectifier filament transformer) was hot to the touch and the potting
> had fresh hot tar on it. (Also, the coil of the Dow Key antenna
> relay, which I powered from RY4, the antenna shorting relay supply,
> was hot to the touch).
>
> Took a full week to air out the room.
>
> Removed the rectifier tubes (3B28's) and turned on the filament
> switch, and the fuse T4 blew.
>
> Has anyone experienced this? Is a burnt out T2 a common occurrence?
> Likely causes?
>
> I hope to get this BC610 (H model I think) back on the air soon. Any
> suggestions would be most appreciated.
>
> Many thanks and 73
> Steve WA2DTW
>

Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 3154. Re: BC-610 on 160 (was Re: Heavy 'anchor' For Sale

Yahoo group: T-368_BC-610
Date: 2008-05-24 15:07:13 UTC
From: wa5cab@cs.com
Topic: 3154  Message: 3154

The TU-47 covers 2.0-2.5 MC. The crystals used in it are already fundamental freq. The frequency modification kit MC-509 that took the BC-610 down to 1.0 MC (and as Bob said requires a slight modification to the transmitter) consisted of the following:

TU-62 1.0-1.5 MC
TU-61 1.5-2.0 MC
C-455 1.0-1.5 MC
C-454 1.5-2.0 MC

Plus a wooden chest and instructions.

The TU-61 is quite rare but as Bob says, the TU-47 can be successfully padded down and used. I have a few C-454's somewhere but (a) I'm sure that by this time, the polystyrene coil supports will be deteriorated and require replacement (which I haven't the time to do) and (b) the C-454 is of the fixed link type, so some external loading means would be required. In the original installation, this was accomplished in the BC-939. The swing link variant is the C-454-A but Murphy says that however many I have are probably all C-454's. The NOSB one I have here at the house is, and as I suspected, the polystyrene is peeling.

In a message dated 5/24/2008 9:19:55 AM Central Daylight Time, rbethman@... writes:
> 160 mtr PA coils ARE out there. If not located, they can be made. There
> USED to be a website where someone had made a 160 mtr PA coil by
> applying windings on PVC. I can't find that information at the moment.
>
> That's why I included WB2FCN in the addresses. He's the "miracle
> worker" on these "Beasts".
>
> There are three pages in the TM regarding modification for 160 meter
> use. Once so modified, IT MUST BE UN-DONE FOR USE ON ANOTHER BAND!
>
> For 160 meters, use a 2.0 - 2.5 type tuning unit. To lower the frequency
> of the tuning units hang a 100pf cap across each of
> the variable caps in the unit. Be VERY careful when you set the
> frequency! You can get DOWN to a bit above 1600KC!
>
> Bob - N0DGN
>
> Warren Elly wrote:
> >Bob... I have a bc-610I... and I'm wondering how folks get them on
> >160... tank coils mod? fundamental crystals in the tu-47? which my docs
> >say stops at 2.0 Mhz...
> >I'd love to get the beast on top band...

> >thanks for the feedback!
> >73, Warren W1GUD
> >Tampa
>

Robert & Susan Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 3155. Re: [SPAM]Re: [T-368_BC-610] RE: Filament transformer

Yahoo group: T-368_BC-610
Date: 2008-05-24 14:03:39 UTC
From: Alan Morriss
Topic: 3140  Message: 3155

sorry for spelling "given" wrong ! cheers, alan
----- Original Message -----
From: Alan Morriss
To: T-368_BC-610@yahoogroups.com
Cc: victorsj@...
Sent: Saturday, May 24, 2008 4:31 AM
Subject: Re: [SPAM]Re: [T-368_BC-610] RE: Filament transformer

hello all, i use the solid state replacements for the 866s, as i was gived a pair by roger, g3vkm. i presume they do not require filament voltage. one day i may put the 866s back when i get round to it ! alan g4gen
----- Original Message -----
From: James M. Walker
To: T-368_BC-610@yahoogroups.com
Cc: victorsj@...
Sent: Saturday, May 24, 2008 3:02 AM
Subject: [SPAM]Re: [T-368_BC-610] RE: Filament transformer

NOT True! Actually, due to the design layout, the problem he seems to be
having DOES require the filament transformer to be present, unless a
connection is made from the 2N2367 socket to the input of the HV choke.
If he just pops the rectifiers in and it turns out that there is an open in
the lead
that goes to the choke (physically) there will be NO high voltage output.

Lets first look at the schematic before declaring that it just takes a
device
change as in from 866/3B28 to the 2N2367s to "keep on trucking". It really
does matter if the filament transformer is open, as you would need to make
certain the HV circuit is complete.

As always your mileage may vary. FWIW
Jim
WB2FCN

----- Original Message -----
From: "Steve Hobensack" <stevehobensack@...>
To: "T-368_BC-610@yahoogroups.com" <t-368_bc-610@yahoogroups.com>
Cc: <victorsj@...>
Sent: Friday, May 23, 2008 7:21 PM
Subject: [T-368_BC-610] RE: Filament transformer

>
> My T-368 used to use 3B28's. I use a pair of those solid state rectifiers
> that look like a metal 6L6 with a plate cap. The rectifier filament
> transformer is now redundant. I don't remember the nomenclature of the

> solid state rectifiers, but they are a fairly common thing at hamfests.
> They twist right in without mods.
> ..Steve..N8YE
>
> _____
> Date: Fri, 23 May 2008 16:37:50 +0000
> From: T-368_BC-610@yahoogroups.com
> To: T-368_BC-610@yahoogroups.com
> Subject: [T-368_BC-610] Digest Number 1299
>
> This list concerns the operation, maintenance, and repair of the T-368 and
> BC-610 military surplus HF radio transmitters especi
> Messages In This Digest (2 Messages)
>
> 1a.
> Smoked and baked BC610 filament transformer From: Steve
> 1b.
> Re: Smoked and baked BC610 filament transformer From: rbethman
> View All Topics | Create New Topic
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>
> 1a.
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> Posted by: 'Steve' victorsj@... victorsj
> Fri May 23, 2008 7:59 am (PDT)
> Was having an enjoyable QSO on 160, (snip)
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> Keep your kids safer online with Windows Live Family Safety.
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safety_052008
> ---
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> Yahoo! Groups Links
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>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3156. Re: Smoked and baked BC610 filament transformer

Yahoo group: T-368_BC-610
Date: 2008-05-25 14:08:23 UTC
From: Steve
Topic: 3134  Message: 3156

Many thanks to those who replied to my initial message. Hopefully we will get this BC610 back on the air. This is the next installment to the ongoing saga:
I disconnected pins 7 and 8 of TS14, effectively removing the primary of T2 from the circuit, and removed the HV rectifier tubes. When I turned on the filament switch, the fuse F4 did not blow (as it had done when the primary was in the circuit), the green pilot light and the filaments of the other tubes lit.
In hopes that the T2 secondary was still intact, I installed solid state replacement rectifiers. After sealing everything (to close the interlock switches), I turned on the HV. But nothing happened. RY1 did not click, and the HV red pilot light did not go on.

It seems that the problem now is in the control circuit. The circuitry is complex, but it does not appear to me that RY1 is dependent on an intact T2 primary.

Does anyone have any suggestions as to what might be keeping the HV control circuitry from coming on?

Many thanks again and 73
Steve WA2DTW

--- In T-368_BC-610@yahoogroups.com, "Steve" <victorsj@...> wrote:
>
> Was having an enjoyable QSO on 160, getting good modulation reports
> etc. At the end of a transmission, the faint smell of smoke and a
> sizzling sound. Turned off the power immediately, then thick black
> smoke started billowing out of the power supply section. When the
> smoke subsided, opened the back cover. The potted transformer T2
> (rectifier filament transformer) was hot to the touch and the
potting
> had fresh hot tar on it. (Also, the coil of the Dow Key antenna
> relay, which I powered from RY4, the antenna shorting relay supply,
> was hot to the touch).
>
> Took a full week to air out the room.
>
> Removed the rectifier tubes (3B28's) and turned on the filament
> switch, and the fuse T4 blew.
>
> Has anyone experienced this? Is a burnt out T2 a common
occurrence?
> Likely causes?
>
> I hope to get this BC610 (H model I think) back on the air soon.

Any
> suggestions would be most appreciated.
>
> Many thanks and 73
> Steve WA2DTW
>

# 3157. Re: [T-368_BC-610] Re: Smoked and baked BC610 filament transformer

Yahoo group: T-368_BC-610
Date: 2008-05-25 15:02:46 UTC
From: george portell
Topic: 3134  Message: 3157

hi steve their are 3 wires going to the hv rect fil
xformer connest the 115v and the 100v wires together
and tape them up after removing them from the pri of
the xformer this will re establish the control the
other primary wire can be disconnected and taped up by
itself.good luck bro ge w8qbg.
--- Steve <victorsj@...> wrote:

> Many thanks to those who replied to my initial
> message. Hopefully we
> will get this BC610 back on the air. This is the
> next installment to
> the ongoing saga:
> I disconnected pins 7 and 8 of TS14, effectively
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> turned on the filament switch, the fuse F4 did not
> blow (as it had
> done when the primary was in the circuit), the green
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> the filaments of the other tubes lit.
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> did not click, and the HV red pilot light did not go
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> circuitry is complex, but it does not appear to me
> that RY1 is
> dependent on an intact T2 primary.
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> Does anyone have any suggestions as to what might be
> keeping the HV
> control circuitry from coming on?
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> Many thanks again and 73
> Steve WA2DTW
>
>

>
> --- In T-368_BC-610@yahoogroups.com, "Steve"
> <victorsj@...> wrote:
> >
> > Was having an enjoyable QSO on 160, getting good
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> the air soon.
> Any
> > suggestions would be most appreciated.
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> > Many thanks and 73
> > Steve WA2DTW
> >
>
>
>

# 3158. Re: [SPAM]Re: [T-368_BC-610] RE: Filament transformer

Yahoo group: T-368_BC-610
Date: 2008-05-25 04:22:57 UTC
From: Alan Morriss
Topic: 3140  Message: 3158

hello george, yes, that was what i thought. i was having trouble getting it on air, as the ht would not come on. i thought that the 866s might be faulty.
it was nothing of the sort, the protection switch on the rear panel was not making. a new screw did the job, but i left the solid state units in place. i will replace them with the 866s one day as i like the glow ! cheers, alan
----- Original Message -----
From: george portell
To: T-368_BC-610@yahoogroups.com
Cc: victorsj@...
Sent: Saturday, May 24, 2008 7:27 PM
Subject: [SPAM]Re: [T-368_BC-610] RE: Filament transformer

i think ever one who looks at the dia of the bc610
knows that when you disconnect the fil xformer out of
the circuitand install solid state plug in`s in their
place, some minor wire changing has to take
place,however if you leave the xformer in place and
its a good one the change out works fine . DUH, DUH!!!
--- "James M. Walker" <chejmw@...> wrote:

> NOT True! Actually, due to the design layout, the
> problem he seems to be
> having DOES require the filament transformer to be
> present, unless a
> connection is made from the 2N2367 socket to the
> input of the HV choke.
> If he just pops the rectifiers in and it turns out
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> that goes to the choke (physically) there will be NO
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> you would need to make
> certain the HV circuit is complete.
>
> As always your mileage may vary. FWIW
> Jim
> WB2FCN
>

> ----- Original Message -----
> From: "Steve Hobensack" <stevehobensack@...>
> To: "T-368_BC-610@yahoogroups.com"
> <t-368_bc-610@yahoogroups.com>
> Cc: <victorsj@...>
> Sent: Friday, May 23, 2008 7:21 PM
> Subject: [T-368_BC-610] RE: Filament transformer
>
>
> >
> > My T-368 used to use 3B28's. I use a pair of those
> solid state rectifiers
> > that look like a metal 6L6 with a plate cap. The
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> > ..Steve..N8YE
> >
> > _____
> > Date: Fri, 23 May 2008 16:37:50 +0000
> > From: T-368_BC-610@yahoogroups.com
> > To: T-368_BC-610@yahoogroups.com
> > Subject: [T-368_BC-610] Digest Number 1299
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> Steve
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> > Re: Smoked and baked BC610 filament transformer
> From: rbethman
> > View All Topics | Create New Topic
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> > 1a.
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> > Posted by: 'Steve' victorsj@... victorsj
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[Non-text portions of this message have been removed]

# 3159. Re: [SPAM]Re: [T-368_BC-610] RE: Filament transformer

Yahoo group: T-368_BC-610
Date: 2008-05-25 17:42:09 UTC
From: george portell
Topic: 3140  Message: 3159

hi alan im glad that was the problem hi.i have had
bc610`s since the 1950`s i now have 5 of them hi.also
have 3 t3`s they keep me buisy.good luck with your
unit 73`s for now bro geo w8qbg.
--- Alan Morriss <mohawk@...> wrote:

> hello george, yes, that was what i thought. i was
> having trouble getting it on air, as the ht would
> not come on. i thought that the 866s might be
> faulty.
> it was nothing of the sort, the protection switch on
> the rear panel was not making. a new screw did the
> job, but i left the solid state units in place. i
> will replace them with the 866s one day as i like
> the glow ! cheers, alan
> ----- Original Message -----
> From: george portell
> To: T-368_BC-610@yahoogroups.com
> Cc: victorsj@...
> Sent: Saturday, May 24, 2008 7:27 PM
> Subject: [SPAM]Re: [T-368_BC-610] RE: Filament
> transformer
>
>
> i think ever one who looks at the dia of the bc610
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> --- "James M. Walker" <chejmw@...> wrote:
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> > certain the HV circuit is complete.
> >
> > As always your mileage may vary. FWIW
> > Jim
> > WB2FCN
> >
> > ----- Original Message -----
> > From: "Steve Hobensack"
> <stevehobensack@...>
> > To: "T-368_BC-610@yahoogroups.com"
> > <t-368_bc-610@yahoogroups.com>
> > Cc: <victorsj@...>
> > Sent: Friday, May 23, 2008 7:21 PM
> > Subject: [T-368_BC-610] RE: Filament transformer
> >
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> > > My T-368 used to use 3B28's. I use a pair of
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> > common thing at hamfests.
> > > They twist right in without mods.
> > > ..Steve..N8YE
> > >
> > > _________________________________
> > > Date: Fri, 23 May 2008 16:37:50 +0000

> > > From: T-368_BC-610@yahoogroups.com
> > > To: T-368_BC-610@yahoogroups.com
> > > Subject: [T-368_BC-610] Digest Number 1299
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> > > Posted by: 'Steve' victorsj@... victorsj
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> > > Was having an enjoyable QSO on 160, (snip)
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> [Non-text portions of this message have been
> removed]
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# 3160. Re: [SPAM]Re: [SPAM]Re: [T-368_BC-610] RE: Filament transformer

Yahoo group: T-368_BC-610
Date: 2008-05-25 10:36:54 UTC
From: Alan Morriss
Topic: 3160  Message: 3160

hello george, there are now 3 bc 610s in england which are operational. max m0ghq has the third. my top cover is away being sand blasted and piowder coated. they do a finish which is almost exactly like the original. cheers. alan t
----- Original Message -----
From: george portell
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, May 25, 2008 6:42 PM
Subject: [SPAM]Re: [SPAM]Re: [T-368_BC-610] RE: Filament transformer

hi alan im glad that was the problem hi.i have had
bc610`s since the 1950`s i now have 5 of them hi.also
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> From: george portell
> To: T-368_BC-610@yahoogroups.com
> Cc: victorsj@...
> Sent: Saturday, May 24, 2008 7:27 PM
> Subject: [SPAM]Re: [T-368_BC-610] RE: Filament
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> --- "James M. Walker" <chejmw@...> wrote:
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> > NOT True! Actually, due to the design layout,
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> > WB2FCN
> >
> > ----- Original Message -----
> > From: "Steve Hobensack"
> <stevehobensack@...>
> > To: "T-368_BC-610@yahoogroups.com"
> > <t-368_bc-610@yahoogroups.com>
> > Cc: <victorsj@...>
> > Sent: Friday, May 23, 2008 7:21 PM
> > Subject: [T-368_BC-610] RE: Filament transformer
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> > > To: T-368_BC-610@yahoogroups.com
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> [Non-text portions of this message have been
> removed]
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[Non-text portions of this message have been removed]

# 3161. Re: Smoked and baked BC610 filament transformer

Yahoo group: T-368_BC-610
Date: 2008-05-25 22:52:03 UTC
From: Steve
Topic: 3134  Message: 3161

Many thanks, George, and to everyone else who responded. We're back in business. I reconnected terminal 7 of TS14, leaving terminal 8 disconnected. With the solid state replacement rectifiers in place, the control circuitry was again working, and I was able to get high B+. So- fortunately, the secondary winding of T2 and the portion of the primary between the 100 and 115 volt taps were both still intact.

Hope to work some of you on 160.

Best 73
Steve WA2DTW

--- In T-368_BC-610@yahoogroups.com, george portell <w8qbg@...> wrote:
>
> hi steve their are 3 wires going to the hv rect fil
> xformer connest the 115v and the 100v wires together
> and tape them up after removing them from the pri of
> the xformer this will re establish the control the
> other primary wire can be disconnected and taped up by
> itself.good luck bro ge w8qbg.
> --- Steve <victorsj@...> wrote:
>
> > Many thanks to those who replied to my initial
> > message. Hopefully we
> >

# 3162. Re: [T-368_BC-610] Re: Smoked and baked BC610 filament transformer

Yahoo group: T-368_BC-610
Date: 2008-05-26 00:36:17 UTC
From: george portell
Topic: 3134  Message: 3162

great! good bc610ing,bro geo w8qbg.
--- Steve <victorsj@...> wrote:

> Many thanks, George, and to everyone else who
> responded. We're back
> in business. I reconnected terminal 7 of TS14,
> leaving terminal 8
> disconnected. With the solid state replacement
> rectifiers in place,
> the control circuitry was again working, and I was
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> the primary between the 100 and 115 volt taps were
> both still intact.
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> Hope to work some of you on 160.
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> Best 73
> Steve WA2DTW
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> --- In T-368_BC-610@yahoogroups.com, george portell
> <w8qbg@...> wrote:
> >
> > hi steve their are 3 wires going to the hv rect
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> > xformer connest the 115v and the 100v wires
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> > --- Steve <victorsj@...> wrote:
> >
> > > Many thanks to those who replied to my initial
> > > message. Hopefully we
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>

# 3163. Re: Wanted: T-102 output transformer for BC-614-E Speech Amp

Yahoo group: T-368_BC-610
Date: 2008-06-08 06:26:02 UTC
From: g3vkm
Topic: 3133  Message: 3163

Hi Group,

Just to say that I have located a suitable transformer to replace T-102 on eBay. This was an RCA transformer being sold on the audiophiles market but which had suitable impedances, luckily it was also a drop-in replacement for the original. It was auctioned as "RCA MI-11712 vacuum tube audio transformer", might be worth making a note of that number in case one turns up at your next hamfest!

So, I am back on the air on AM and hoping that will be that - at least until the next fault!

73

Roger Basford - G3VKM, Norfolk, England.

--- In T-368_BC-610@yahoogroups.com, "g3vkm" <Roger@...> wrote:
>
> Hi All,
>
> The BC-614-E speech amplifier for my BC-610-E has given up the ghost.
> Looks like the output transformer, T-102, has an open circuit primary
> winding to bot anodes of the 6SN7 output tube. Anyone have a scrap
> '614 with one of these transformers in? Its made by the General
> Transformer Co, their P/No is 55A022 and the Signal Corps P/No is
G26257.
>
> 73
>
> Roger Basford, G3VKM - Norfolk, England.
>

# 3164. Re: [T-368_BC-610] Re: Wanted: T-102 output transformer for BC-614-E Speech Amp

Yahoo group: T-368_BC-610
Date: 2008-06-09 13:46:58 UTC
From: Alan Morriss
Topic: 3133  Message: 3164

hello roger, the stuff arrived today, just what the doctor ordered ! cheers, alan
----- Original Message -----
From: g3vkm
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, June 08, 2008 7:26 AM
Subject: [T-368_BC-610] Re: Wanted: T-102 output transformer for BC-614-E Speech Amp

Hi Group,

Just to say that I have located a suitable transformer to replace
T-102 on eBay. This was an RCA transformer being sold on the
audiophiles market but which had suitable impedances, luckily it was
also a drop-in replacement for the original. It was auctioned as "RCA
MI-11712 vacuum tube audio transformer", might be worth making a note
of that number in case one turns up at your next hamfest!

So, I am back on the air on AM and hoping that will be that - at least
until the next fault!

73

Roger Basford - G3VKM, Norfolk, England.

--- In T-368_BC-610@yahoogroups.com, "g3vkm" <Roger@...> wrote:
>
> Hi All,
>
> The BC-614-E speech amplifier for my BC-610-E has given up the ghost.
> Looks like the output transformer, T-102, has an open circuit primary
> winding to bot anodes of the 6SN7 output tube. Anyone have a scrap
> '614 with one of these transformers in? Its made by the General
> Transformer Co, their P/No is 55A022 and the Signal Corps P/No is
G26257.
>
> 73
>
> Roger Basford, G3VKM - Norfolk, England.
>

[Non-text portions of this message have been removed]

# 3165. Re: Wanted: T-102 output transformer for BC-614-E Speech Amp

Yahoo group: T-368_BC-610
Date: 2008-06-10 05:54:13 UTC
From: g3vkm
Topic: 3133  Message: 3165

That's great Alan,

I'll be QSX on 3615 during the day, so will look out for you. Was on
the G2OT/RAOTA Net yesterday on CW and the '610 excited some interest!
I think I was the only op on the net under 60 and the only one with a
TX older than the op!

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello roger, the stuff arrived today, just what the doctor ordered !
cheers, alan
> ----- Original Message -----
> From: g3vkm
> To: T-368_BC-610@yahoogroups.com
> Sent: Sunday, June 08, 2008 7:26 AM
> Subject: [T-368_BC-610] Re: Wanted: T-102 output transformer for
BC-614-E Speech Amp
>
>
> Hi Group,
>
> Just to say that I have located a suitable transformer to replace
> T-102 on eBay. This was an RCA transformer being sold on the
> audiophiles market but which had suitable impedances, luckily it was
> also a drop-in replacement for the original. It was auctioned as "RCA
> MI-11712 vacuum tube audio transformer", might be worth making a note
> of that number in case one turns up at your next hamfest!
>
> So, I am back on the air on AM and hoping that will be that - at least
> until the next fault!
>
> 73
>
> Roger Basford - G3VKM, Norfolk, England.
>
> --- In T-368_BC-610@yahoogroups.com, "g3vkm" <Roger@> wrote:
> >
> > Hi All,
> >
> > The BC-614-E speech amplifier for my BC-610-E has given up the
ghost.
> > Looks like the output transformer, T-102, has an open circuit

primary
> > winding to bot anodes of the 6SN7 output tube. Anyone have a scrap
> > '614 with one of these transformers in? Its made by the General
> > Transformer Co, their P/No is 55A022 and the Signal Corps P/No is
> G26257.
> >
> > 73
> >
> > Roger Basford, G3VKM - Norfolk, England.
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 3166. Re: [T-368_BC-610] Re: Wanted: T-102 output transformer for BC-614-E Speech Amp

Yahoo group: T-368_BC-610
Date: 2008-06-10 15:00:01 UTC
From: Alan Morriss
Topic: 3133  Message: 3166

hello roger. a small problem.the brackets for the switches do not fit, they must have been for another mark.i will make some. meanwhile i will bypass the safety interlock if i cant get it done by the weekend. cheers, alan
----- Original Message -----
From: g3vkm
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, June 10, 2008 6:54 AM
Subject: [T-368_BC-610] Re: Wanted: T-102 output transformer for BC-614-E Speech Amp

That's great Alan,

I'll be QSX on 3615 during the day, so will look out for you. Was on
the G2OT/RAOTA Net yesterday on CW and the '610 excited some interest!
I think I was the only op on the net under 60 and the only one with a
TX older than the op!

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello roger, the stuff arrived today, just what the doctor ordered !
cheers, alan
> ----- Original Message -----
> From: g3vkm
> To: T-368_BC-610@yahoogroups.com
> Sent: Sunday, June 08, 2008 7:26 AM
> Subject: [T-368_BC-610] Re: Wanted: T-102 output transformer for
BC-614-E Speech Amp
>
>
> Hi Group,
>
> Just to say that I have located a suitable transformer to replace
> T-102 on eBay. This was an RCA transformer being sold on the
> audiophiles market but which had suitable impedances, luckily it was
> also a drop-in replacement for the original. It was auctioned as "RCA
> MI-11712 vacuum tube audio transformer", might be worth making a note
> of that number in case one turns up at your next hamfest!
>
> So, I am back on the air on AM and hoping that will be that - at least
> until the next fault!
>
> 73

>
> Roger Basford - G3VKM, Norfolk, England.
>
> --- In T-368_BC-610@yahoogroups.com, "g3vkm" <Roger@> wrote:
> >
> > Hi All,
> >
> > The BC-614-E speech amplifier for my BC-610-E has given up the
ghost.
> > Looks like the output transformer, T-102, has an open circuit
primary
> > winding to bot anodes of the 6SN7 output tube. Anyone have a scrap
> > '614 with one of these transformers in? Its made by the General
> > Transformer Co, their P/No is 55A022 and the Signal Corps P/No is
> G26257.
> >
> > 73
> >
> > Roger Basford, G3VKM - Norfolk, England.
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 3167. Re: Wanted: T-102 output transformer for BC-614-E Speech Amp

Yahoo group: T-368_BC-610
Date: 2008-06-10 20:25:33 UTC
From: g3vkm
Topic: 3133  Message: 3167

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello roger. a small problem.the brackets for the switches do not fit, they must have been for another mark.i will make some. meanwhile i will bypass the safety interlock if i cant get it done by the weekend. cheers, alan

OK Alan,

Well, I had a similar problem with those switches, they do not match the mountings on the top cover of my BC-610-E. On the lip of the cut-out for each door there is a small bracket with a hole in it. I fitted a conventional microswitch with an actuator button into each hole and the door operates the switch under its own weight, it seems quite positive in operation and you can hear it open and close, so it gives you confidence it's working. I've a feeling that the switches I've sent you are for another mark, as you say. But having said that, I did check with another BC-610 owner and his -E model had that type, so possibly the top lid on my '610 is off another mark of TX?

Take real care if you run without the interlocks! Just imagine the field-day the HSE jobsworths would have if you get zapped!!!

73

Roger/G3VKM

# 3168. Re: [T-368_BC-610] Re: Wanted: T-102 output transformer for BC-614-E Speech Amp

Yahoo group: T-368_BC-610
Date: 2008-06-10 20:52:14 UTC
From: rbethman
Topic: 3133  Message: 3168

Roger and Alan,

FYI: The top cover openings "we" normally jumper out of use.
Especially the one on the right. The one on the left "sort of" needs to
be jumpered out of the circuit IF you are going to use a delrin or some
similar "rod" or "stick" to adjust the "swinging/rotating" portion of
the PA coil. The right side being obvious as to frequency adjustment.

The ONLY interlock that is an ABSOLUTE must is the back panel one!

Murphy's Law dictates that if left open - One WILL manage to find
someway to get oneself ZAPPED!

Bob - N0DGN

g3vkm wrote:
>
> --- In T-368_BC-610@yahoogroups.com
> <mailto:T-368_BC-610%40yahoogroups.com>, "Alan Morriss" <mohawk@...>
> wrote:
> >
> > hello roger. a small problem.the brackets for the switches do not
> fit, they must have been for another mark.i will make some. meanwhile
> i will bypass the safety interlock if i cant get it done by the
> weekend. cheers, alan
>
> OK Alan,
>
> Well, I had a similar problem with those switches, they do not match
> the mountings on the top cover of my BC-610-E. On the lip of the
> cut-out for each door there is a small bracket with a hole in it. I
> fitted a conventional microswitch with an actuator button into each
> hole and the door operates the switch under its own weight, it seems
> quite positive in operation and you can hear it open and close, so it
> gives you confidence it's working. I've a feeling that the switches
> I've sent you are for another mark, as you say. But having said that,
> I did check with another BC-610 owner and his -E model had that type,
> so possibly the top lid on my '610 is off another mark of TX?
>
> Take real care if you run without the interlocks! Just imagine the
> field-day the HSE jobsworths would have if you get zapped!!!
>
> 73
>
> Roger/G3VKM

>
>

# 3169. Re: [SPAM]Re: [T-368_BC-610] Re: Wanted: T-102 output transformer for BC-614-E Speech Amp

Yahoo group: T-368_BC-610
Date: 2008-06-10 21:13:50 UTC
From: Alan Morriss
Topic: 3169  Message: 3169

hello bob, i expect that i may do that if i get stuck. however, i am really afraid of someone messing around with it in the future and coming to grief.. it worked perfectly until i lost the lead and switches. the ones from roger fit but not with the brackets. , i made up a bracket today which i mis measured.but it did work. i will do a decent job tomorrow. the switches are a really excellent and simple design. the top cover looks great now it is coated, so i will do the 939 next.
i worked as far as hungary on the whip antennas using it last summer. cheers, alan
----- Original Message -----
From: rbethman
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, June 10, 2008 9:52 PM
Subject: [SPAM]Re: [T-368_BC-610] Re: Wanted: T-102 output transformer for BC-614-E Speech Amp

Roger and Alan,

FYI: The top cover openings "we" normally jumper out of use.
Especially the one on the right. The one on the left "sort of" needs to
be jumpered out of the circuit IF you are going to use a delrin or some
similar "rod" or "stick" to adjust the "swinging/rotating" portion of
the PA coil. The right side being obvious as to frequency adjustment.

The ONLY interlock that is an ABSOLUTE must is the back panel one!

Murphy's Law dictates that if left open - One WILL manage to find
someway to get oneself ZAPPED!

Bob - N0DGN

g3vkm wrote:
>
> --- In T-368_BC-610@yahoogroups.com
> <mailto:T-368_BC-610%40yahoogroups.com>, "Alan Morriss" <mohawk@...>
> wrote:
> >
> > hello roger. a small problem.the brackets for the switches do not
> fit, they must have been for another mark.i will make some. meanwhile
> i will bypass the safety interlock if i cant get it done by the
> weekend. cheers, alan
>
> OK Alan,
>
> Well, I had a similar problem with those switches, they do not match
> the mountings on the top cover of my BC-610-E. On the lip of the
> cut-out for each door there is a small bracket with a hole in it. I

> fitted a conventional microswitch with an actuator button into each
> hole and the door operates the switch under its own weight, it seems
> quite positive in operation and you can hear it open and close, so it
> gives you confidence it's working. I've a feeling that the switches
> I've sent you are for another mark, as you say. But having said that,
> I did check with another BC-610 owner and his -E model had that type,
> so possibly the top lid on my '610 is off another mark of TX?
>
> Take real care if you run without the interlocks! Just imagine the
> field-day the HSE jobsworths would have if you get zapped!!!
>
> 73
>
> Roger/G3VKM
>
>

[Non-text portions of this message have been removed]

# 3170. Re: [T-368_BC-610] Re: Wanted: T-102 output transformer for BC-614-E Speech Amp

Yahoo group: T-368_BC-610
Date: 2008-06-10 21:34:34 UTC
From: rbethman
Topic: 3169  Message: 3170

Alan,

The whip antennas/insulators are what we refer to as "unobtainium" on this side of the pond!

We usually end up using dipoles OR the "Long Wire" referred to in the manual.

Where in the world did you find a vertical? I'd would LOVE to get one!

Bob - N0DGN

Alan Morriss wrote:
>
> hello bob, i expect that i may do that if i get stuck. however, i am
> really afraid of someone messing around with it in the future and
> coming to grief.. it worked perfectly until i lost the lead and
> switches. the ones from roger fit but not with the brackets. , i made
> up a bracket today which i mis measured.but it did work. i will do a
> decent job tomorrow. the switches are a really excellent and simple
> design. the top cover looks great now it is coated, so i will do the
> 939 next.
> i worked as far as hungary on the whip antennas using it last summer.
> cheers, alan
> -
>
>

# 3171. Re: [T-368_BC-610] Re: Wanted: T-102 output transformer for BC-614-E Speech Amp

Yahoo group: T-368_BC-610
Date: 2008-06-10 22:05:03 UTC
From: wa5cab@cs.com
Topic: 3133  Message: 3171

Bob,

Until Fair sold out of several numbers about two years ago, the antenna mast sections (at least the first five) had been relatively plentiful in the US, and were cheap. The MP-47 hasn't been plentiful nor cheap but most people who needed one managed to find one. I think I have three left. And one mounting bracket. If you wanted to go up to 24 feet, as you could do with the SCR-299/399/499 and 506 if you used a guy set and three MS-54's, the MS-54's haven't been as plentiful nor as cheap as MS-53...49 used to be. But I currently have over two dozen of them.

In a message dated 6/10/2008 4:35:04 PM Central Daylight Time,
rbethman@... writes:
> Alan,
>
> The whip antennas/insulators are what we refer to as "unobtainium" on
> this side of the pond!
>
> We usually end up using dipoles OR the "Long Wire" referred to in the
> manual.
>
> Where in the world did you find a vertical? I'd would LOVE to get one!
>
> Bob - N0DGN
>
> Alan Morriss wrote:
>

Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 3172. Re: Wanted: T-102 output transformer for BC-614-E Speech Amp

Yahoo group: T-368_BC-610
Date: 2008-06-11 05:05:10 UTC
From: g3vkm
Topic: 3169  Message: 3172

Hi Bob,

Alan runs an SCR-399, complete with truck, so he got all the whip antenna stuff with it. I believe they can still be found in Holland and possibly in France as both countries used BC-610s extensively.

73

Roger Basford/G3VKM

--- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@...> wrote:
>
> Alan,
>
> The whip antennas/insulators are what we refer to as "unobtainium" on
> this side of the pond!
>
> We usually end up using dipoles OR the "Long Wire" referred to in the
> manual.
>
> Where in the world did you find a vertical? I'd would LOVE to get one!
>
> Bob - N0DGN
>
> Alan Morriss wrote:
> >
> > hello bob, i expect that i may do that if i get stuck. however, i am
> > really afraid of someone messing around with it in the future and
> > coming to grief.. it worked perfectly until i lost the lead and
> > switches. the ones from roger fit but not with the brackets. , i made
> > up a bracket today which i mis measured.but it did work. i will do a
> > decent job tomorrow. the switches are a really excellent and simple
> > design. the top cover looks great now it is coated, so i will do the
> > 939 next.
> > i worked as far as hungary on the whip antennas using it last summer.
> > cheers, alan
> > -
> >
> >
>

# 3173. Re: [SPAM]Re: [T-368_BC-610] Re: Wanted: T-102 output transformer for BC-614-E Speech Amp

Yahoo group: T-368_BC-610
Date: 2008-06-11 08:21:00 UTC
From: Alan Morriss
Topic: 3169  Message: 3173

hi rob, well they came with the scr 399 truck. we have everything, and it is just as if after hostilities ceased the guys said. "ok , were off home" and left it just as it was. we have the speaking tube and a spare one. there are even mesage pads. it was supposed to have been used in the battle of the bulge, and then when they were chasing the germans back to germany it was left in luxembourg. after the war they gave a lot of stuff to the luxembourg army, and it was last used by them in 1969.. it went to holland, ane we bought it from jan. all we relly have to do is overhaul the pe 95. we rebuilt the roof and roofed it with the proper canvas. i just love operating from it ! cheers, alan
----- Original Message -----
From: rbethman
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, June 10, 2008 10:34 PM
Subject: [SPAM]Re: [T-368_BC-610] Re: Wanted: T-102 output transformer for BC-614-E Speech Amp

Alan,

The whip antennas/insulators are what we refer to as "unobtainium" on
this side of the pond!

We usually end up using dipoles OR the "Long Wire" referred to in the
manual.

Where in the world did you find a vertical? I'd would LOVE to get one!

Bob - N0DGN

Alan Morriss wrote:
>
> hello bob, i expect that i may do that if i get stuck. however, i am
> really afraid of someone messing around with it in the future and
> coming to grief.. it worked perfectly until i lost the lead and
> switches. the ones from roger fit but not with the brackets. , i made
> up a bracket today which i mis measured.but it did work. i will do a
> decent job tomorrow. the switches are a really excellent and simple
> design. the top cover looks great now it is coated, so i will do the
> 939 next.
> i worked as far as hungary on the whip antennas using it last summer.
> cheers, alan
> -
>
>

[Non-text portions of this message have been removed]

# 3174. Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-14 21:11:59 UTC
From: Alan Morriss
Topic: 3174  Message: 3174

hello bob, i have an odd fault just developed. my 610 has been out of use for some weeks while the top cover was coated, and now when i go to transmit the red light stays on after the pressel switch is released. if the set is switched off it resets, but on transmitting the fault occurs again. is this common ? i expect the relay may be sticking, but it seems more likely that it is being locked on somehow. cheers, alan
----- Original Message -----
From: rbethman
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, June 10, 2008 10:34 PM
Subject: [SPAM]Re: [T-368_BC-610] Re: Wanted: T-102 output transformer for BC-614-E Speech Amp

Alan,

The whip antennas/insulators are what we refer to as "unobtainium" on
this side of the pond!

We usually end up using dipoles OR the "Long Wire" referred to in the
manual.

Where in the world did you find a vertical? I'd would LOVE to get one!

Bob - N0DGN

Alan Morriss wrote:
>
> hello bob, i expect that i may do that if i get stuck. however, i am
> really afraid of someone messing around with it in the future and
> coming to grief.. it worked perfectly until i lost the lead and
> switches. the ones from roger fit but not with the brackets. , i made
> up a bracket today which i mis measured.but it did work. i will do a
> decent job tomorrow. the switches are a really excellent and simple
> design. the top cover looks great now it is coated, so i will do the
> 939 next.
> i worked as far as hungary on the whip antennas using it last summer.
> cheers, alan
> -
>
>

[Non-text portions of this message have been removed]

# 3175. Re: [T-368_BC-610] Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-14 22:23:15 UTC
From: rbethman
Topic: 3174  Message: 3175

Alan,

You have me at a good bit of disadvantage on THIS one!

You see, my understanding is that you have the WHOLE SCR-399. I do NOT.

Therefore I deal ONLY with the controls on the front of the BC-610,
BC-314, and the BC-939. I have NO other interconnections.

I believe that you also have the JB-70, along with the remaining cabling.

You "may" have a sticky relay, or an interconnecting cable issue. I'm
really at a loss as to why removing the top panel and putting it back
would have caused this to crop up. I've chewed on this and cannot
fathom the "sequence" of events being significant. I believe the
problem has been "simmering" un-noticed and finally decided to poke its
head up at an inconvenient moment. These old Beasts are REALLY known
for throwing the oddball fit with no explanation. I've got a sudden
"quirk" develop in my first one that has Jim, WB2FCN and myself
scratching our collective head(s).

Bob - N0DGN

Alan Morriss wrote:
>
> hello bob, i have an odd fault just developed. my 610 has been out of
> use for some weeks while the top cover was coated, and now when i go
> to transmit the red light stays on after the pressel switch is
> released. if the set is switched off it resets, but on transmitting
> the fault occurs again. is this common ? i expect the relay may be
> sticking, but it seems more likely that it is being locked on somehow.
> cheers, alan
>
> __

[Non-text portions of this message have been removed]

# 3176. Re: [T-368_BC-610] Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-14 23:08:52 UTC
From: Joe Foley
Topic: 3174  Message: 3176

That sounds like an electrical lock-up for the relay.  Do the resistance  checks in the manual, if you have one, and see if you find a short in the wiring harness.  Maybe even in the microphone circuit.

Joe

--- On Sat, 6/14/08, Alan Morriss <mohawk@...> wrote:

hello bob, i have an odd fault just developed. my 610 has been out of use for some weeks while the top cover was coated, and now when i go to transmit the red light stays on after the pressel switch is released. if the set is switched off it resets, but on transmitting the fault occurs again. is this common ? i expect the relay may be sticking, but it seems more likely that it is being locked on somehow. cheers, alan

[Non-text portions of this message have been removed]

# 3177. Re: [SPAM]Re: [T-368_BC-610] Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-15 11:06:11 UTC
From: Alan Morriss
Topic: 3177  Message: 3177

hello bob, well, i think that leaving the set for some weeks without working caused it. i used to switch it on from time to time, but of course could not go to transmit.which relay do you think it is ? cheers, alan
----- Original Message -----
From: rbethman
To: T-368_BC-610@yahoogroups.com
Sent: Saturday, June 14, 2008 11:23 PM
Subject: [SPAM]Re: [T-368_BC-610] Re:fault

Alan,

You have me at a good bit of disadvantage on THIS one!

You see, my understanding is that you have the WHOLE SCR-399. I do NOT.

Therefore I deal ONLY with the controls on the front of the BC-610,
BC-314, and the BC-939. I have NO other interconnections.

I believe that you also have the JB-70, along with the remaining cabling.

You "may" have a sticky relay, or an interconnecting cable issue. I'm
really at a loss as to why removing the top panel and putting it back
would have caused this to crop up. I've chewed on this and cannot
fathom the "sequence" of events being significant. I believe the
problem has been "simmering" un-noticed and finally decided to poke its
head up at an inconvenient moment. These old Beasts are REALLY known
for throwing the oddball fit with no explanation. I've got a sudden
"quirk" develop in my first one that has Jim, WB2FCN and myself
scratching our collective head(s).

Bob - N0DGN

Alan Morriss wrote:
>
> hello bob, i have an odd fault just developed. my 610 has been out of
> use for some weeks while the top cover was coated, and now when i go
> to transmit the red light stays on after the pressel switch is
> released. if the set is switched off it resets, but on transmitting
> the fault occurs again. is this common ? i expect the relay may be
> sticking, but it seems more likely that it is being locked on somehow.
> cheers, alan
>
> __

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3178. Re: [T-368_BC-610] Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-15 11:11:49 UTC
From: Alan Morriss
Topic: 3174  Message: 3178

hello joe, that sounds promising. i tried disconnecting the mike, but no different. i am suspicious of sticking contacts for the main ht supply, as it worked perfectly until i left it unused for some weeks. one other thing, i am now using a johnson kilowatt matchbox to couple to the doublet, and even with the link parallel to the windings in the tank coil, i only get 150 ma plate current. the vswr is about 1.5 to 1, so it should do better. any ideas ? cheers, alan
----- Original Message -----
From: Joe Foley
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, June 15, 2008 12:08 AM
Subject: Re: [T-368_BC-610] Re:fault

That sounds like an electrical lock-up for the relay.  Do the resistance  checks in the manual, if you have one, and see if you find a short in the wiring harness.  Maybe even in the microphone circuit.

Joe

--- On Sat, 6/14/08, Alan Morriss <mohawk@...> wrote:

hello bob, i have an odd fault just developed. my 610 has been out of use for some weeks while the top cover was coated, and now when i go to transmit the red light stays on after the pressel switch is released. if the set is switched off it resets, but on transmitting the fault occurs again. is this common ? i expect the relay may be sticking, but it seems more likely that it is being locked on somehow. cheers, alan

[Non-text portions of this message have been removed]

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# 3179. Re: [SPAM]Re: [T-368_BC-610] Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-15 16:10:11 UTC
From: rbethman
Topic: 3177  Message: 3179

Alan,

Since you have the WHOLE tamale, I don't know if it is in the BC-610
itself, OR possibly in the JB-70.

Joe suggested checking wiring for resistance and continuity. May well
be a good idea! While you may have only removed the top for
refinishing, what ELSE got disturbed?

Get out the TM. Open the schematic and start tracing from the lamp on
out. See what "may" be causing it to stay energized.
I'm NOT saying this "just" to exercise your knowledge and ability.
Sometimes we need to get back to basics to solve a glitch!

Lord knows I've been THERE! In my case a solder joint broke during
transport some odd number hundreds of miles.

Bob - N0DGN

Alan Morriss wrote:
>
> hello bob, well, i think that leaving the set for some weeks without
> working caused it. i used to switch it on from time to time, but of
> course could not go to transmit.which relay do you think it is ?
> cheers, alan
> ----- Original Message -----
> From: rbethman
> To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> Sent: Saturday, June 14, 2008 11:23 PM
> Subject: [SPAM]Re: [T-368_BC-610] Re:fault
>
> Alan,
>
> You have me at a good bit of disadvantage on THIS one!
>
> You see, my understanding is that you have the WHOLE SCR-399. I do NOT.
>
> Therefore I deal ONLY with the controls on the front of the BC-610,
> BC-314, and the BC-939. I have NO other interconnections.
>
> I believe that you also have the JB-70, along with the remaining cabling.
>
> You "may" have a sticky relay, or an interconnecting cable issue. I'm
> really at a loss as to why removing the top panel and putting it back
> would have caused this to crop up. I've chewed on this and cannot
> fathom the "sequence" of events being significant. I believe the

> problem has been "simmering" un-noticed and finally decided to poke its
> head up at an inconvenient moment. These old Beasts are REALLY known
> for throwing the oddball fit with no explanation. I've got a sudden
> "quirk" develop in my first one that has Jim, WB2FCN and myself
> scratching our collective head(s).
>
> Bob - N0DGN
>
> Alan Morriss wrote:
> >
> > hello bob, i have an odd fault just developed. my 610 has been out of
> > use for some weeks while the top cover was coated, and now when i go
> > to transmit the red light stays on after the pressel switch is
> > released. if the set is switched off it resets, but on transmitting
> > the fault occurs again. is this common ? i expect the relay may be
> > sticking, but it seems more likely that it is being locked on somehow.
> > cheers, alan
> >
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# 3180. Re: [SPAM]Re: [SPAM]Re: [T-368_BC-610] Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-15 16:30:23 UTC
From: Alan Morriss
Topic: 3180  Message: 3180

thanks bob. i did not disturb anything except the top cover. there is no noise from the main relay when i operate the pressel switch if the ht light is on. the plate current only flows when the pressel is operated.
if i switch off, then on again, the relay resets.
i will look at it.
on another tack, if you know anyone who wants a complete scr 399 set up, there may be one in holland coming up. cheers, alan
----- Original Message -----
From: rbethman
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, June 15, 2008 5:10 PM
Subject: [SPAM]Re: [SPAM]Re: [T-368_BC-610] Re:fault

Alan,

Since you have the WHOLE tamale, I don't know if it is in the BC-610
itself, OR possibly in the JB-70.

Joe suggested checking wiring for resistance and continuity. May well
be a good idea! While you may have only removed the top for
refinishing, what ELSE got disturbed?

Get out the TM. Open the schematic and start tracing from the lamp on
out. See what "may" be causing it to stay energized.
I'm NOT saying this "just" to exercise your knowledge and ability.
Sometimes we need to get back to basics to solve a glitch!

Lord knows I've been THERE! In my case a solder joint broke during
transport some odd number hundreds of miles.

Bob - N0DGN

Alan Morriss wrote:
>
> hello bob, well, i think that leaving the set for some weeks without
> working caused it. i used to switch it on from time to time, but of
> course could not go to transmit.which relay do you think it is ?
> cheers, alan
> ----- Original Message -----
> From: rbethman
> To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> Sent: Saturday, June 14, 2008 11:23 PM
> Subject: [SPAM]Re: [T-368_BC-610] Re:fault
>
> Alan,
>
> You have me at a good bit of disadvantage on THIS one!

>
> You see, my understanding is that you have the WHOLE SCR-399. I do NOT.
>
> Therefore I deal ONLY with the controls on the front of the BC-610,
> BC-314, and the BC-939. I have NO other interconnections.
>
> I believe that you also have the JB-70, along with the remaining cabling.
>
> You "may" have a sticky relay, or an interconnecting cable issue. I'm
> really at a loss as to why removing the top panel and putting it back
> would have caused this to crop up. I've chewed on this and cannot
> fathom the "sequence" of events being significant. I believe the
> problem has been "simmering" un-noticed and finally decided to poke its
> head up at an inconvenient moment. These old Beasts are REALLY known
> for throwing the oddball fit with no explanation. I've got a sudden
> "quirk" develop in my first one that has Jim, WB2FCN and myself
> scratching our collective head(s).
>
> Bob - N0DGN
>
> Alan Morriss wrote:
> >
> > hello bob, i have an odd fault just developed. my 610 has been out of
> > use for some weeks while the top cover was coated, and now when i go
> > to transmit the red light stays on after the pressel switch is
> > released. if the set is switched off it resets, but on transmitting
> > the fault occurs again. is this common ? i expect the relay may be
> > sticking, but it seems more likely that it is being locked on somehow.
> > cheers, alan
> >
> > __
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# 3181. Re: [T-368_BC-610] fault

Yahoo group: T-368_BC-610
Date: 2008-06-15 17:50:35 UTC
From: rbethman
Topic: 3180  Message: 3181

Alan,

Perhaps if Jay Leno was a ham! Today's transportation costs to move a Complete SCR-399 to where I am, build a concrete pad for it OR find an M-35 2 1/2 truck to put it on, are currently outrageous!

Then I have to consider MY lifespan! 1) My wife would CERTAINLY shorten it, AND 2) I have no idea how much of it I would spend starting in ONE corner, then slowly working my way through the remainder to get it in order! That ALSO assumes that all "spares" ARE under the bench!

10 years ago I would "probably" have sought it. Today, I "may" hope to DREAM of it!.

Then again, there is knowledge of WHERE 100 foot long Quonset huts FULL of SCR-399s are NOW. They aren't TOO far from known stockpiles of M-35 (NOT M-35A), 2 1/2 ton trucks are also. This is on YOUR side of the pond. I have no idea WHY they only "dribble" out infrequently.

Bob - N0DGN

Bob

Alan Morriss wrote:
>
> thanks bob. i did not disturb anything except the top cover. there is
> no noise from the main relay when i operate the pressel switch if the
> ht light is on. the plate current only flows when the pressel is operated.
> if i switch off, then on again, the relay resets.
> i will look at it.
> on another tack, if you know anyone who wants a complete scr 399 set
> up, there may be one in holland coming up. cheers, alan
> ----- Original Message -----
> From: rbethman
> To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> Sent: Sunday, June 15, 2008 5:10 PM
> Subject: [SPAM]Re: [SPAM]Re: [T-368_BC-610] Re:fault
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>

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# 3182. Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-15 20:05:10 UTC
From: g3vkm
Topic: 3174  Message: 3182

Hi Alan,

Did you wire up the interlocks on the lid again, and if so are you sure you haven't got any shorts or problems with the wiring? Does the red light go off when you open an interlock, it should.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello joe, that sounds promising. i tried disconnecting the mike, but no different. i am suspicious of sticking contacts for the main ht supply, as it worked perfectly until i left it unused for some weeks. one other thing, i am now using a johnson kilowatt matchbox to couple to the doublet, and even with the link parallel to the windings in the tank coil, i only get 150 ma plate current. the vswr is about 1.5 to 1, so it should do better. any ideas ? cheers, alan
> ----- Original Message -----
> From: Joe Foley
> To: T-368_BC-610@yahoogroups.com
> Sent: Sunday, June 15, 2008 12:08 AM
> Subject: Re: [T-368_BC-610] Re:fault
>
>
>
> That sounds like an electrical lock-up for the relay.  Do the resistance  checks in the manual, if you have one, and see if you find a short in the wiring harness.  Maybe even in the microphone circuit.
>
> Joe
>
> --- On Sat, 6/14/08, Alan Morriss mohawk@... wrote:
>
> hello bob, i have an odd fault just developed. my 610 has been out of use for some weeks while the top cover was coated, and now when i go to transmit the red light stays on after the pressel switch is released. if the set is switched off it resets, but on transmitting the fault occurs again. is this common ? i expect the relay may be sticking, but it seems more likely that it is being locked on somehow. cheers, alan
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# 3183. Re: [T-368_BC-610] Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-15 20:09:23 UTC
From: rbethman
Topic: 3174  Message: 3183

Roger,

That's one I just don't think about.

The two top cover openings on my two 610s are jumpered out of the circuit.

I go into the right hand side one WAY too often during use. The left hand one gets opened after a band change, and I use a Delrin or Teflon stick under load to alter the link portion of the PA Coil for best operation.

Bob - N0DGN

g3vkm wrote:
>
> Hi Alan,
>
> Did you wire up the interlocks on the lid again, and if so are you
> sure you haven't got any shorts or problems with the wiring? Does the
> red light go off when you open an interlock, it should.
>
> 73
>
> Roger/G3VKM
>
> --- In T-368_BC-610@yahoogroups.com
> <mailto:T-368_BC-610%40yahoogroups.com>, "Alan Morriss" <mohawk@...>
> wrote:
> >
> > hello joe, that sounds promising. i tried disconnecting the mike,
> but no different. i am suspicious of sticking contacts for the main ht
> supply, as it worked perfectly until i left it unused for some weeks.
> one other thing, i am now using a johnson kilowatt matchbox to couple
> to the doublet, and even with the link parallel to the windings in the
> tank coil, i only get 150 ma plate current. the vswr is about 1.5 to
> 1, so it should do better. any ideas ? cheers, alan
> > ----- Original Message -----
> > From: Joe Foley
> > To: T-368_BC-610@yahoogroups.com
> <mailto:T-368_BC-610%40yahoogroups.com>
> > Sent: Sunday, June 15, 2008 12:08 AM
> > Subject: Re: [T-368_BC-610] Re:fault
> >
> >
> >
> > That sounds like an electrical lock-up for the relay.  Do the

> resistance  checks in the manual, if you have one, and see if you
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> > --- On Sat, 6/14/08, Alan Morriss mohawk@... wrote:
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> sticking, but it seems more likely that it is being locked on somehow.
> cheers, alan
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# 3184. Re: fault

Yahoo group: T-368_BC-610
Date: 2008-06-15 20:11:09 UTC
From: g3vkm
Topic: 3180  Message: 3184

--- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@...> wrote:

> Then again, there is knowledge of WHERE 100 foot long Quonset huts FULL
> of SCR-399s are NOW. They aren't TOO far from known stockpiles of M-35
> (NOT M-35A), 2 1/2 ton trucks are also. This is on YOUR side of the
> pond. I have no idea WHY they only "dribble" out infrequently.
>
> Bob - N0DGN
>
>

Hi Bob,

I think that the SCR-399 Alan is referring to has been in private hands for a long while and is in need of some TLC. How about some pointers to where that cache of SCR-399s might be? Just the country would be a start :-))

73

Roger/G3VKM

# 3185. Re: [SPAM]Re: [T-368_BC-610] Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-15 20:17:19 UTC
From: Alan Morriss
Topic: 3177  Message: 3185

hello roger, as i have not made up a proper plug for the interlock lead, i merely jumpered it. there was a jumper installed in it when i got the rig. i re connected the lead. i have spent most of the day on it, and have checked ry1. it is fine, i cleaned the contacts and lubricated the moving part.just the same.i think the trouble is in the jb70. without taking the tx out of the truck it is almost impossible to do therough checks on it.cheers, alan
----- Original Message -----
From: rbethman
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, June 15, 2008 9:09 PM
Subject: [SPAM]Re: [T-368_BC-610] Re:fault

Roger,

That's one I just don't think about.

The two top cover openings on my two 610s are jumpered out of the circuit.

I go into the right hand side one WAY too often during use. The left
hand one gets opened after a band change, and I use a Delrin or Teflon
stick under load to alter the link portion of the PA Coil for best
operation.

Bob - N0DGN

g3vkm wrote:
>
> Hi Alan,
>
> Did you wire up the interlocks on the lid again, and if so are you
> sure you haven't got any shorts or problems with the wiring? Does the
> red light go off when you open an interlock, it should.
>
> 73
>
> Roger/G3VKM
>
> --- In T-368_BC-610@yahoogroups.com
> <mailto:T-368_BC-610%40yahoogroups.com>, "Alan Morriss" <mohawk@...>
> wrote:
> >
> > hello joe, that sounds promising. i tried disconnecting the mike,
> but no different. i am suspicious of sticking contacts for the main ht
> supply, as it worked perfectly until i left it unused for some weeks.
> one other thing, i am now using a johnson kilowatt matchbox to couple
> to the doublet, and even with the link parallel to the windings in the
> tank coil, i only get 150 ma plate current. the vswr is about 1.5 to

> 1, so it should do better. any ideas ? cheers, alan
> > ----- Original Message -----
> > From: Joe Foley
> > To: T-368_BC-610@yahoogroups.com
> <mailto:T-368_BC-610%40yahoogroups.com>
> > Sent: Sunday, June 15, 2008 12:08 AM
> > Subject: Re: [T-368_BC-610] Re:fault
> >
> >
> >
> > That sounds like an electrical lock-up for the relay.  Do the
> resistance  checks in the manual, if you have one, and see if you
> find a short in the wiring harness.  Maybe even in the microphone
> circuit.
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> > Joe
> >
> > --- On Sat, 6/14/08, Alan Morriss mohawk@... wrote:
> >
> > hello bob, i have an odd fault just developed. my 610 has been out
> of use for some weeks while the top cover was coated, and now when i
> go to transmit the red light stays on after the pressel switch is
> released. if the set is switched off it resets, but on transmitting
> the fault occurs again. is this common ? i expect the relay may be
> sticking, but it seems more likely that it is being locked on somehow.
> cheers, alan
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# 3186. Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-15 20:19:07 UTC
From: g3vkm
Topic: 3174  Message: 3186

Hi again Bob,

OK, well I think you're not alone in that mod, from what others have told me.

It's a shame that Hallicrafters didn't bring the swinging link adjustment out to the front panel. I have a 1950s ex Diplomatic Wireless Service Mark 214 TX here - pair of 813s in the final; it uses coils obviously modelled on the BC-610 coil, with a swinging link but in this case there is an insulated adjusting lever that drops into a attachment on an insulated arm which pulls out from the front panel, works well. Having said that, I don't find a lot of need to tweak the coupling on my '610; I usually set it for max output into a 75 Ohm load and then do all the rest of the antenna tuning at the ATU.

73,

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@...> wrote:
>
> Roger,
>
> That's one I just don't think about.
>
> The two top cover openings on my two 610s are jumpered out of the circuit.
>
> I go into the right hand side one WAY too often during use. The left
> hand one gets opened after a band change, and I use a Delrin or Teflon
> stick under load to alter the link portion of the PA Coil for best
> operation.
>
> Bob - N0DGN
>

# 3187. Re: [SPAM]Re: [T-368_BC-610] fault

Yahoo group: T-368_BC-610
Date: 2008-06-15 20:24:28 UTC
From: Alan Morriss
Topic: 3187  Message: 3187

hello bob. well, it is nice to dream. mine is to win the lottery and buy the ju52 from kermit weeks in florida. i used to fly that one, and i had more fun than anything ! i think there are quite a few 399s over here stashed away. i have checked and serviced ry 1, but no result.it is driving me round the bend. cheers, alan
----- Original Message -----
From: rbethman
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, June 15, 2008 6:50 PM
Subject: [SPAM]Re: [T-368_BC-610] fault

Alan,

Perhaps if Jay Leno was a ham! Today's transportation costs to move a Complete SCR-399 to where I am, build a concrete pad for it OR find an M-35 2 1/2 truck to put it on, are currently outrageous!

Then I have to consider MY lifespan! 1) My wife would CERTAINLY shorten it, AND 2) I have no idea how much of it I would spend starting in ONE corner, then slowly working my way through the remainder to get it in order! That ALSO assumes that all "spares" ARE under the bench!

10 years ago I would "probably" have sought it. Today, I "may" hope to DREAM of it!.

Then again, there is knowledge of WHERE 100 foot long Quonset huts FULL of SCR-399s are NOW. They aren't TOO far from known stockpiles of M-35 (NOT M-35A), 2 1/2 ton trucks are also. This is on YOUR side of the pond. I have no idea WHY they only "dribble" out infrequently.

Bob - N0DGN

Bob

Alan Morriss wrote:
>
> thanks bob. i did not disturb anything except the top cover. there is
> no noise from the main relay when i operate the pressel switch if the
> ht light is on. the plate current only flows when the pressel is operated.
> if i switch off, then on again, the relay resets.
> i will look at it.
> on another tack, if you know anyone who wants a complete scr 399 set
> up, there may be one in holland coming up. cheers, alan
> ----- Original Message -----
> From: rbethman
> To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> Sent: Sunday, June 15, 2008 5:10 PM
> Subject: [SPAM]Re: [SPAM]Re: [T-368_BC-610] Re:fault

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# 3188. Re: [T-368_BC-610] Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-15 20:27:12 UTC
From: Alan Morriss
Topic: 3174  Message: 3188

hello again. i will try removing the jumper with the light on and see what happens tomorrow. bedtime now ! cheers, alan
----- Original Message -----
From: g3vkm
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, June 15, 2008 9:05 PM
Subject: [T-368_BC-610] Re:fault

Hi Alan,

Did you wire up the interlocks on the lid again, and if so are you sure you haven't got any shorts or problems with the wiring? Does the red light go off when you open an interlock, it should.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello joe, that sounds promising. i tried disconnecting the mike, but no different. i am suspicious of sticking contacts for the main ht supply, as it worked perfectly until i left it unused for some weeks. one other thing, i am now using a johnson kilowatt matchbox to couple to the doublet, and even with the link parallel to the windings in the tank coil, i only get 150 ma plate current. the vswr is about 1.5 to 1, so it should do better. any ideas ? cheers, alan
> ----- Original Message -----
> From: Joe Foley
> To: T-368_BC-610@yahoogroups.com
> Sent: Sunday, June 15, 2008 12:08 AM
> Subject: Re: [T-368_BC-610] Re:fault
>
>
>
> That sounds like an electrical lock-up for the relay.  Do the resistance  checks in the manual, if you have one, and see if you find a short in the wiring harness.  Maybe even in the microphone circuit.
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> Joe
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> --- On Sat, 6/14/08, Alan Morriss mohawk@... wrote:
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> hello bob, i have an odd fault just developed. my 610 has been out of use for some weeks while the top cover was coated, and now when i

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cheers, alan
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# 3189. Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-15 20:29:08 UTC
From: g3vkm
Topic: 3174  Message: 3189

OK, good luck with the repairs Alan, shame we're not a bit nearer to each other! Remember to keep one hand in your pocket when you go poking inside that beast!

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello again. i will try removing the jumper with the light on and see what happens tomorrow. bedtime now ! cheers, alan
> ----- Original Message -----
> From: g3vkm
> To: T-368_BC-610@yahoogroups.com
> Sent: Sunday, June 15, 2008 9:05 PM
> Subject: [T-368_BC-610] Re:fault
>
>
> Hi Alan,
>
> Did you wire up the interlocks on the lid again, and if so are you
> sure you haven't got any shorts or problems with the wiring? Does the
> red light go off when you open an interlock, it should.
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>
> Roger/G3VKM
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> --- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@> wrote:
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> > hello joe, that sounds promising. i tried disconnecting the mike,
> but no different. i am suspicious of sticking contacts for the main ht
> supply, as it worked perfectly until i left it unused for some weeks.
> one other thing, i am now using a johnson kilowatt matchbox to couple
> to the doublet, and even with the link parallel to the windings in the
> tank coil, i only get 150 ma plate current. the vswr is about 1.5 to
> 1, so it should do better. any ideas ? cheers, alan
> > ----- Original Message -----
> > From: Joe Foley
> > To: T-368_BC-610@yahoogroups.com
> > Sent: Sunday, June 15, 2008 12:08 AM
> > Subject: Re: [T-368_BC-610] Re:fault
> >
> >
> >

> > That sounds like an electrical lock-up for the relay.  Do the
> resistance  checks in the manual, if you have one, and see if you
> find a short in the wiring harness.  Maybe even in the microphone
> circuit.
> >
> > Joe
> >
> > --- On Sat, 6/14/08, Alan Morriss mohawk@ wrote:
> >
> > hello bob, i have an odd fault just developed. my 610 has been out
> of use for some weeks while the top cover was coated, and now when i
> go to transmit the red light stays on after the pressel switch is
> released. if the set is switched off it resets, but on transmitting
> the fault occurs again. is this common ? i expect the relay may be
> sticking, but it seems more likely that it is being locked on somehow.
> cheers, alan
> >
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> >
> > [Non-text portions of this message have been removed]
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> > [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
>

# 3190. Re: [T-368_BC-610] Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-15 20:33:26 UTC
From: rbethman
Topic: 3174  Message: 3190

Roger,

Sometimes even the ONE hand won't help! <G>

Just limits the cooking from Well done to Rare! <G>

Bob - N0DGN

g3vkm wrote:
>
> OK, good luck with the repairs Alan, shame we're not a bit nearer to
> each other! Remember to keep one hand in your pocket when you go
> poking inside that beast!
>
> 73
>
> Roger/G3VKM
>
> --- In T-368_BC-610@yahoogroups.com
> <mailto:T-368_BC-610%40yahoogroups.com>, "Alan Morriss" <mohawk@...>
> wrote:
> >
> > hello again. i will try removing the jumper with the light on and
> see what happens tomorrow. bedtime now ! cheers, alan
>
>

[Non-text portions of this message have been removed]

# 3191. Re: [SPAM]Re: [T-368_BC-610] Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-15 20:43:48 UTC
From: Alan Morriss
Topic: 3177  Message: 3191

well, i intend to use insulated pliers ! alan
----- Original Message -----
From: rbethman
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, June 15, 2008 9:33 PM
Subject: [SPAM]Re: [T-368_BC-610] Re:fault

Roger,

Sometimes even the ONE hand won't help! <G>

Just limits the cooking from Well done to Rare! <G>

Bob - N0DGN

g3vkm wrote:
>
> OK, good luck with the repairs Alan, shame we're not a bit nearer to
> each other! Remember to keep one hand in your pocket when you go
> poking inside that beast!
>
> 73
>
> Roger/G3VKM
>
> --- In T-368_BC-610@yahoogroups.com
> <mailto:T-368_BC-610%40yahoogroups.com>, "Alan Morriss" <mohawk@...>
> wrote:
> >
> > hello again. i will try removing the jumper with the light on and
> see what happens tomorrow. bedtime now ! cheers, alan
>
>

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[Non-text portions of this message have been removed]

# 3192. Re: [SPAM]Re: [T-368_BC-610] Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-15 22:21:12 UTC
From: Robert Heaton
Topic: 3177  Message: 3192

For those old guys who remember the BC 610 when it was top of the line and we would kill to get one..Then discover that it was really a nightmare..
the initials BC stood for ..yes ,you remember..and the 610 told us how many years..
The were other names too..sounds like they may still be approriate..Hi..Hi
Good luck and have pat ience with the old beast..she will come around when she gets good and ready.

73, BoB.
wb4jpz1@...

[Non-text portions of this message have been removed]

# 3193. Re: [T-368_BC-610] Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-16 01:35:23 UTC
From: Joe Foley
Topic: 3174  Message: 3193

Alan,

Try checking the coil terminals of that relay when it is keyed, if it still has voltage on it when you release the button then you're getting a feed back from some where that is keeping it picked.  Of course, if there is no voltage on the coil terminal then it is a sticky relay.

The T-368 has a relay that keeps the transmitter on for a few milliseconds to keep from cutting short the last Morse code element sent, I don't know if the BC-610 has that or not but it may be a source, or example, of that type of problem.

Otherwise it could be something completely unexpected causing a feedback on that control circuit, feel free to suspect everything.

Joe

hello joe, that sounds promising. i tried disconnecting the mike, but no different. i am suspicious of sticking contacts for the main ht supply, as it worked perfectly until i left it unused for some weeks. one other thing, i am now using a johnson kilowatt matchbox to couple to the doublet, and even with the link parallel to the windings in the tank coil, i only get 150 ma plate current. the vswr is about 1.5 to 1, so it should do better. any ideas ? cheers, alan
.

[Non-text portions of this message have been removed]

# 3194. Re: [T-368_BC-610] Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-16 11:35:55 UTC
From: Alan Morriss
Topic: 3174  Message: 3194

hello joe. i am going to try a good ground . there was a small residual voltage when i checked it, and i think this may be the problem. i only just thought of that ! i checked cleaned and lubricated the ry1 relay, to na avail. cheers, alan
----- Original Message -----
From: Joe Foley
To: T-368_BC-610@yahoogroups.com
Sent: Monday, June 16, 2008 2:35 AM
Subject: Re: [T-368_BC-610] Re:fault

Alan,

Try checking the coil terminals of that relay when it is keyed, if it still has voltage on it when you release the button then you're getting a feed back from some where that is keeping it picked.  Of course, if there is no voltage on the coil terminal then it is a sticky relay.

The T-368 has a relay that keeps the transmitter on for a few milliseconds to keep from cutting short the last Morse code element sent, I don't know if the BC-610 has that or not but it may be a source, or example, of that type of problem.

Otherwise it could be something completely unexpected causing a feedback on that control circuit, feel free to suspect everything.

Joe

hello joe, that sounds promising. i tried disconnecting the mike, but no different. i am suspicious of sticking contacts for the main ht supply, as it worked perfectly until i left it unused for some weeks. one other thing, i am now using a johnson kilowatt matchbox to couple to the doublet, and even with the link parallel to the windings in the tank coil, i only get 150 ma plate current. the vswr is about 1.5 to 1, so it should do better. any ideas ? cheers, alan
.

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[Non-text portions of this message have been removed]

# 3195. Re: [T-368_BC-610] Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-16 13:55:29 UTC
From: george portell
Topic: 3174  Message: 3195

just a suggestion,some time ago i had a problem ,on one of my 610`s with the hv staying keyed up.the problem in my case was one of the contacts had a arc burr on the side of the contact and it would cause the ry to stick in the on position .i redressed the contact carefully and removed the burr,the problem is gone now for abt 5 yrs.bro geo w8qbg.

--- On Mon, 6/16/08, Alan Morriss <mohawk@...> wrote:

From: Alan Morriss <mohawk@...>
Subject: Re: [T-368_BC-610] Re:fault
To: T-368_BC-610@yahoogroups.com
Date: Monday, June 16, 2008, 5:35 AM

hello joe. i am going to try a good ground . there was a small residual voltage when i checked it, and i think this may be the problem. i only just thought of that ! i checked cleaned and lubricated the ry1 relay, to na avail. cheers, alan
----- Original Message -----
From: Joe Foley
To: T-368_BC-610@ yahoogroups. com
Sent: Monday, June 16, 2008 2:35 AM
Subject: Re: [T-368_BC-610] Re:fault

Alan,

Try checking the coil terminals of that relay when it is keyed, if it still has voltage on it when you release the button then you're getting a feed back from some where that is keeping it picked.  Of course, if there is no voltage on the coil terminal then it is a sticky relay.

The T-368 has a relay that keeps the transmitter on for a few milliseconds to keep from cutting short the last Morse code element sent, I don't know if the BC-610 has that or not but it may be a source, or example, of that type of problem.

Otherwise it could be something completely unexpected causing a feedback on that control circuit, feel free to suspect everything.

Joe

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.

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[Non-text portions of this message have been removed]

# 3196. Re: [SPAM]Re: [T-368_BC-610] Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-16 21:38:49 UTC
From: Alan Morriss
Topic: 3177  Message: 3196

hello george, i carefully did the contacts today with a diamond file. they are perfect, and i also lubricated the moving parts. it all made no difference.
another thing. i am feeding the doublet via a johnson kilowatt matchbox. the vswr is around 1.5 to1.

i am only getting around 100 ma plate current at max coupling of the link. cheers, alan
----- Original Message -----
From: george portell
To: T-368_BC-610@yahoogroups.com
Sent: Monday, June 16, 2008 2:55 PM
Subject: [SPAM]Re: [T-368_BC-610] Re:fault

just a suggestion,some time ago i had a problem ,on one of my 610`s with the hv staying keyed up.the problem in my case was one of the contacts had a arc burr on the side of the contact and it would cause the ry to stick in the on position .i redressed the contact carefully and removed the burr,the problem is gone now for abt 5 yrs.bro geo w8qbg.

--- On Mon, 6/16/08, Alan Morriss <mohawk@...> wrote:

From: Alan Morriss <mohawk@...>
Subject: Re: [T-368_BC-610] Re:fault
To: T-368_BC-610@yahoogroups.com
Date: Monday, June 16, 2008, 5:35 AM

hello joe. i am going to try a good ground . there was a small residual voltage when i checked it, and i think this may be the problem. i only just thought of that ! i checked cleaned and lubricated the ry1 relay, to na avail. cheers, alan
----- Original Message -----
From: Joe Foley
To: T-368_BC-610@ yahoogroups. com
Sent: Monday, June 16, 2008 2:35 AM
Subject: Re: [T-368_BC-610] Re:fault

Alan,

Try checking the coil terminals of that relay when it is keyed, if it still has voltage on it when you release the button then you're getting a feed back from some where that is keeping it picked.  Of course, if there is no voltage on the coil terminal then it is a sticky relay.

The T-368 has a relay that keeps the transmitter on for a few milliseconds to keep from cutting short the last Morse code element sent, I don't know if the BC-610 has that or not but it may be a source, or example, of that type of problem.

Otherwise it could be something completely unexpected causing a feedback on that control circuit, feel free to suspect everything.

Joe

hello joe, that sounds promising. i tried disconnecting the mike, but no different. i am suspicious of sticking contacts for the main ht supply, as it worked perfectly until i left it unused for some weeks. one other thing, i am now using a johnson kilowatt matchbox to couple to the doublet, and even with the link parallel to the windings in the tank coil, i only get 150 ma plate current. the vswr is about 1.5 to 1, so it should do better. any ideas ? cheers, alan
.

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[Non-text portions of this message have been removed]

# 3197. Re: [SPAM]Re: [T-368_BC-610] Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-16 23:13:52 UTC
From: James M. Walker
Topic: 3177  Message: 3197

Please describe the "Doublet" system that you are using! Also another query,
what sort of plate current are you getting when you tune the transmitter
into
a 50 ohm load?

I have been reading the earlier messages about this problem, and I have a
sneaking
suspicion that you have left something important to the diagnosis of the
problem
out.

Also, another question what is the AC power source and level to the
"System",
Just interested.
Jim
WB2FCN

----- Original Message -----
From: "Alan Morriss" <mohawk@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Monday, June 16, 2008 5:38 PM
Subject: Re: [SPAM]Re: [T-368_BC-610] Re:fault

> hello george, i carefully did the contacts today with a diamond file. they
> are perfect, and i also lubricated the moving parts. it all made no
> difference.
> another thing. i am feeding the doublet via a johnson kilowatt matchbox.
> the vswr is around 1.5 to1.
>
> i am only getting around 100 ma plate current at max coupling of the link.
> cheers, alan
> ----- Original Message -----
> From: george portell
> To: T-368_BC-610@yahoogroups.com
> Sent: Monday, June 16, 2008 2:55 PM
> Subject: [SPAM]Re: [T-368_BC-610] Re:fault
>
>
> just a suggestion,some time ago i had a problem ,on one of my 610`s with
> the hv staying keyed up.the problem in my case was one of the contacts had
> a arc burr on the side of the contact and it would cause the ry to stick
> in the on position .i redressed the contact carefully and removed the
> burr,the problem is gone now for abt 5 yrs.bro geo w8qbg.
>
> --- On Mon, 6/16/08, Alan Morriss <mohawk@...> wrote:
>

> From: Alan Morriss <mohawk@...>
> Subject: Re: [T-368_BC-610] Re:fault
> To: T-368_BC-610@yahoogroups.com
> Date: Monday, June 16, 2008, 5:35 AM
>
> hello joe. i am going to try a good ground . there was a small residual
> voltage when i checked it, and i think this may be the problem. i only
> just thought of that ! i checked cleaned and lubricated the ry1 relay, to
> na avail. cheers, alan
> ----- Original Message -----
> From: Joe Foley
> To: T-368_BC-610@ yahoogroups. com
> Sent: Monday, June 16, 2008 2:35 AM
> Subject: Re: [T-368_BC-610] Re:fault
>
> Alan,
>
> Try checking the coil terminals of that relay when it is keyed, if it
> still has voltage on it when you release the button then you're getting a
> feed back from some where that is keeping it picked.  Of course,
> if there is no voltage on the coil terminal then it is a sticky relay.
>
> The T-368 has a relay that keeps the transmitter on for a few
> milliseconds to keep from cutting short the last Morse code element sent,
> I don't know if the BC-610 has that or not but it may be a source, or
> example, of that type of problem.
>
> Otherwise it could be something completely unexpected causing a feedback
> on that control circuit, feel free to suspect everything.
>
> Joe
>
> hello joe, that sounds promising. i tried disconnecting the mike, but no
> different. i am suspicious of sticking contacts for the main ht supply, as
> it worked perfectly until i left it unused for some weeks. one other
> thing, i am now using a johnson kilowatt matchbox to couple to the
> doublet, and even with the link parallel to the windings in the tank coil,
> i only get 150 ma plate current. the vswr is about 1.5 to 1, so it should
> do better. any ideas ? cheers, alan
> .
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> Yahoo! Groups Links
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# 3198. Re: [SPAM]Re: [T-368_BC-610] Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-16 23:20:50 UTC
From: Charlie's Place
Topic: 3177  Message: 3198

The out put impedance of the 610 is not 50 ohms...Still you should have a bunch into 50....The tube sounds iffy
Throw the thing off resonance and see how much the tube will put out....Charlie

He prayeth well,who loveth well,Both man and Bird and Beast.....
"Where am I? Where am I going? Why am I in a handbasket?"

--- On Mon, 6/16/08, James M. Walker <chejmw@...> wrote:
From: James M. Walker <chejmw@...>
Subject: Re: [SPAM]Re: [T-368_BC-610] Re:fault
To: T-368_BC-610@yahoogroups.com
Date: Monday, June 16, 2008, 5:13 PM

Please describe the "Doublet" system that you are using! Also another query,

what sort of plate current are you getting when you tune the transmitter

into

a 50 ohm load?

I have been reading the earlier messages about this problem, and I have a

sneaking

suspicion that you have left something important to the diagnosis of the

problem

out.

Also, another question what is the AC power source and level to the

"System",

Just interested.

Jim

WB2FCN

----- Original Message -----

From: "Alan Morriss" <mohawk@clara. co.uk>

To: <T-368_BC-610@ yahoogroups. com>

Sent: Monday, June 16, 2008 5:38 PM

Subject: Re: [SPAM]Re: [T-368_BC-610] Re:fault

> hello george, i carefully did the contacts today with a diamond file. they

> are perfect, and i also lubricated the moving parts. it all made no

> difference.

> another thing. i am feeding the doublet via a johnson kilowatt matchbox.

> the vswr is around 1.5 to1.

>

> i am only getting around 100 ma plate current at max coupling of the link.

> cheers, alan

> ----- Original Message -----

> From: george portell

> To: T-368_BC-610@ yahoogroups. com

> Sent: Monday, June 16, 2008 2:55 PM

> Subject: [SPAM]Re: [T-368_BC-610] Re:fault

>

>

> just a suggestion,some time ago i had a problem ,on one of my 610`s with

> the hv staying keyed up.the problem in my case was one of the contacts had

> a arc burr on the side of the contact and it would cause the ry to stick

> in the on position .i redressed the contact carefully and removed the

> burr,the problem is gone now for abt 5 yrs.bro geo w8qbg.

>

> --- On Mon, 6/16/08, Alan Morriss <mohawk@clara. co.uk> wrote:

>

> From: Alan Morriss <mohawk@clara. co.uk>

> Subject: Re: [T-368_BC-610] Re:fault

> To: T-368_BC-610@ yahoogroups. com

> Date: Monday, June 16, 2008, 5:35 AM

>

> hello joe. i am going to try a good ground . there was a small residual

> voltage when i checked it, and i think this may be the problem. i only

> just thought of that ! i checked cleaned and lubricated the ry1 relay, to

> na avail. cheers, alan

> ----- Original Message -----

> From: Joe Foley

> To: T-368_BC-610@ yahoogroups. com

> Sent: Monday, June 16, 2008 2:35 AM

> Subject: Re: [T-368_BC-610] Re:fault

>

> Alan,

>

> Try checking the coil terminals of that relay when it is keyed, if it

> still has voltage on it when you release the button then you're getting a

> feed back from some where that is keeping it picked.& nbsp; Of course,

> if there is no voltage on the coil terminal then it is a sticky relay.

>

> The T-368 has a relay that keeps the transmitter on for a few

> milliseconds to keep from cutting short the last Morse code element sent,

> I don't know if the BC-610 has that or not but it may be a source, or

> example, of that type of problem.

>

> Otherwise it could be something completely unexpected causing a feedback

> on that control circuit, feel free to suspect everything.

>

> Joe

>

> hello joe, that sounds promising. i tried disconnecting the mike, but no

> different. i am suspicious of sticking contacts for the main ht supply, as

> it worked perfectly until i left it unused for some weeks. one other

> thing, i am now using a johnson kilowatt matchbox to couple to the

> doublet, and even with the link parallel to the windings in the tank coil,

> i only get 150 ma plate current. the vswr is about 1.5 to 1, so it should

> do better. any ideas ? cheers, alan

> .

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> Yahoo! Groups Links

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# 3199. Re: [SPAM]Re: [T-368_BC-610] Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-17 00:27:09 UTC
From: James M. Walker
Topic: 3177  Message: 3199

The output impedance of the BC-610(E) thru (I) is 50 ohms, read the manual!

The link coupled output works into a 0 ohm load, both the swinging link version and the fixed link version. The output is coupled to various types of loads
mostly whips mounted on the shelters of the 2 and 1/2 ton trucks shelter. Let us
not worry that it ISN'T 50 ohms it IS. The coupling device is/was the BC-939 antenna coupler. Let go of the misconceptions read the manual.

The reason I asked what power output/plate current readings he is getting is into the PROPER output load the current being correct would provide a starting point for working through the low output problem.

Sic clorum Unum!
Jim
WB2FCN

----- Original Message -----
From: "Charlie's Place" <chas_east@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Monday, June 16, 2008 7:20 PM
Subject: Re: [SPAM]Re: [T-368_BC-610] Re:fault

> The out put impedance of the 610 is not 50 ohms...Still you should have a
> bunch into 50....The tube sounds iffy
> Throw the thing off resonance and see how much the tube will put
> out....Charlie
>
>
>
>
> He prayeth well,who loveth well,Both man and Bird and Beast.....
> "Where am I? Where am I going? Why am I in a handbasket?"
>
>
>
>
> --- On Mon, 6/16/08, James M. Walker <chejmw@...> wrote:
> From: James M. Walker <chejmw@...>
> Subject: Re: [SPAM]Re: [T-368_BC-610] Re:fault
> To: T-368_BC-610@yahoogroups.com
> Date: Monday, June 16, 2008, 5:13 PM
>
>
>

>
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>
>
> Please describe the "Doublet" system that you are using! Also
> another query,
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> what sort of plate current are you getting when you tune the transmitter
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> into
>
> a 50 ohm load?
>
>
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> I have been reading the earlier messages about this problem, and I have a
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> sneaking
>
> suspicion that you have left something important to the diagnosis of the
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> problem
>
> out.
>
>
>
> Also, another question what is the AC power source and level to the
>
> "System",
>
> Just interested.
>
> Jim
>
> WB2FCN
>
>
>
> ----- Original Message -----
>
> From: "Alan Morriss" <mohawk@clara. co.uk>
>
> To: <T-368_BC-610@ yahoogroups. com>
>
> Sent: Monday, June 16, 2008 5:38 PM

>
> Subject: Re: [SPAM]Re: [T-368_BC-610] Re:fault
>
>
>
> > hello george, i carefully did the contacts today with a diamond file.
> they
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> > are perfect, and i also lubricated the moving parts. it all made no
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> > difference.
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> > another thing. i am feeding the doublet via a johnson kilowatt
> matchbox.
>
> > the vswr is around 1.5 to1.
>
> >
>
> > i am only getting around 100 ma plate current at max coupling of the
> link.
>
> > cheers, alan
>
> > ----- Original Message -----
>
> > From: george portell
>
> > To: T-368_BC-610@ yahoogroups. com
>
> > Sent: Monday, June 16, 2008 2:55 PM
>
> > Subject: [SPAM]Re: [T-368_BC-610] Re:fault
>
> >
>
> >
>
> >
>
> > just a suggestion,some time ago i had a problem ,on one of my 610`s
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> > the hv staying keyed up.the problem in my case was one of the
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> > a arc burr on the side of the contact and it would cause the ry to
> stick
>
> > in the on position .i redressed the contact carefully and removed the
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> > burr,the problem is gone now for abt 5 yrs.bro geo w8qbg.

> 
> >
> 
> > --- On Mon, 6/16/08, Alan Morriss <mohawk@clara.
> co.uk> wrote:
> 
> >
> 
> > From: Alan Morriss <mohawk@clara. co.uk>
> 
> > Subject: Re: [T-368_BC-610] Re:fault
> 
> > To: T-368_BC-610@ yahoogroups. com
> 
> > Date: Monday, June 16, 2008, 5:35 AM
> 
> >
> 
> > hello joe. i am going to try a good ground . there was a small
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> 
> > voltage when i checked it, and i think this may be the problem. i
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> > just thought of that ! i checked cleaned and lubricated the ry1
> relay, to
> 
> > na avail. cheers, alan
> 
> > ----- Original Message -----
> 
> > From: Joe Foley
> 
> > To: T-368_BC-610@ yahoogroups. com
> 
> > Sent: Monday, June 16, 2008 2:35 AM
> 
> > Subject: Re: [T-368_BC-610] Re:fault
> 
> >
> 
> > Alan,
> 
> >
> 
> > Try checking the coil terminals of that relay when it is keyed, if
> it
> 
> > still has voltage on it when you release the button then you're
> getting a

>
> > feed back from some where that is keeping it picked.& nbsp;
> Of course,
>
> > if there is no voltage on the coil terminal then it is a sticky
> relay.
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>
> > The T-368 has a relay that keeps the transmitter on for a few
>
> > milliseconds to keep from cutting short the last Morse code element
> sent,
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> > I don't know if the BC-610 has that or not but it may be a source, or
>
> > example, of that type of problem.
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>
> > Otherwise it could be something completely unexpected causing a
> feedback
>
> > on that control circuit, feel free to suspect everything.
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> > Joe
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> > hello joe, that sounds promising. i tried disconnecting the mike,
> but no
>
> > different. i am suspicious of sticking contacts for the main ht
> supply, as
>
> > it worked perfectly until i left it unused for some weeks. one other
>
> > thing, i am now using a johnson kilowatt matchbox to couple to the
>
> > doublet, and even with the link parallel to the windings in the tank
> coil,
>
> > i only get 150 ma plate current. the vswr is about 1.5 to 1, so it
> should
>
> > do better. any ideas ? cheers, alan
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> Yahoo! Groups Links
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# 3200. post

Yahoo group: T-368_BC-610
Date: 2008-06-17 02:13:35 UTC
From: wa5cab@cs.com
Topic: 3200  Message: 3200

test

Robert Downs - Houston

[Non-text portions of this message have been removed]

# 3201. Re: [T-368_BC-610] Fault

Yahoo group: T-368_BC-610
Date: 2008-06-17 02:57:01 UTC
From: wa5cab@cs.com
Topic: 3201  Message: 3201

Maybe I'm off the black-list. I've tried to respond to several comments, but all attempts never went through.

One thing that I said in response to the sub-thread about disabling the safety interlocks is that anyone doing it hopefully has a lot of paid-up life insurance and a current will listing who get's the 610. I once survived discharging the HV capacitors in a -E model (open bleeder). But I can't recommend the experience.

Another is that the -E and earlier models all originally shipped with fixed link coils. The variable link coils were part of the doublet antenna modification kit.

And a third was that it's too hot to go looking in the attic for TM 11-281 but unplug the JB-70 from the BC-614 and see whether the relay still latches. If it does, unplug the BC-614 from the BC-610. If it still does, problem is somewhere in the 610. Otherwise, it's in whichever one fixed the problem by unplugging it.

I've forgotten the rest.

Robert Downs - Houston

[Non-text portions of this message have been removed]

# 3202. Re: [T-368_BC-610] Fault

Yahoo group: T-368_BC-610
Date: 2008-06-17 03:17:54 UTC
From: James M. Walker
Topic: 3201  Message: 3202

Well said Robert,
I was of a similar mind about the isolation of the problem. The doublet antenna
mods were what I was referring to as well. That pertains to the comment about
having low plate current.

The system in its entirety is relatively straight-forward to use, as long as one
doesn't try to make it do something it wasn't designed for, without modifying
the units involved. The original "E" model with the fixed links were for a specific
antenna, folks think that means they can stick just anything on the end of the
thing and it will act like one of the newer rigs, it WON'T!

Good info there Robert, first thing to do is always have the manual handy.
Makes for an easier time all around. FWIW.
Jim
WB2FCN
"If it don't Glow, how do you know if its running?"

----- Original Message -----
From: <wa5cab@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Monday, June 16, 2008 10:57 PM
Subject: Re: [T-368_BC-610] Fault

> Maybe I'm off the black-list. I've tried to respond to several comments,
> but
> all attempts never went through.
>
> One thing that I said in response to the sub-thread about disabling the
> safety interlocks is that anyone doing it hopefully has a lot of paid-up
> life
> insurance and a current will listing who get's the 610. I once survived
> discharging the HV capacitors in a -E model (open bleeder). But I can't
> recommend the
> experience.
>
> Another is that the -E and earlier models all originally shipped with
> fixed
> link coils. The variable link coils were part of the doublet antenna
> modification kit.
>

> And a third was that it's too hot to go looking in the attic for TM 11-281
> but unplug the JB-70 from the BC-614 and see whether the relay still
> latches.
> If it does, unplug the BC-614 from the BC-610. If it still does, problem
> is
> somewhere in the 610. Otherwise, it's in whichever one fixed the problem
> by
> unplugging it.
>
> I've forgotten the rest.
>
> Robert Downs - Houston
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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# 3203. Re: [T-368_BC-610] Fault

Yahoo group: T-368_BC-610
Date: 2008-06-17 07:52:35 UTC
From: Alan Morriss
Topic: 3201  Message: 3203

hello robert, nice to hear from you. i am sure that the fault is in the jb70. i thought that it might be because i had removed the bc 342 for repaiir as smoke came out of it, but re connecting it did nothing. i checked the relay and dressed the contacts with a diamond file as well as lubricating the moving parts. no result.
as a tempory measure i jumpered the socket for the top cover protection circuit , and on removing the link, the light went out. as i have mislaid the original lead and switches whilst the cover was away, roger sent me a couple of switches and i made up a replacement. the brackets on the switches do not fit my cover, so i had to make the replacements.
do you have the proper plug for the socket ? i would also like proper brackets. they are simple bent strips with the holes parallel.
i also had a shock from the 610. like a fool, i touched the tank coil to adjust the link, forgetting that as i was on cw the light was still on as i had forgotten to cancel transmit. i did not enjoy it all that much, and the trip went. that taught me a lesson!
cheers, alan

----- Original Message -----
From: wa5cab@...
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, June 17, 2008 3:57 AM
Subject: Re: [T-368_BC-610] Fault

Maybe I'm off the black-list. I've tried to respond to several comments, but all attempts never went through.

One thing that I said in response to the sub-thread about disabling the safety interlocks is that anyone doing it hopefully has a lot of paid-up life insurance and a current will listing who get's the 610. I once survived discharging the HV capacitors in a -E model (open bleeder). But I can't recommend the experience.

Another is that the -E and earlier models all originally shipped with fixed link coils. The variable link coils were part of the doublet antenna modification kit.

And a third was that it's too hot to go looking in the attic for TM 11-281 but unplug the JB-70 from the BC-614 and see whether the relay still latches. If it does, unplug the BC-614 from the BC-610. If it still does, problem is somewhere in the 610. Otherwise, it's in whichever one fixed the problem by unplugging it.

I've forgotten the rest.

Robert Downs - Houston

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[Non-text portions of this message have been removed]

# 3204. Re: [SPAM]Re: [SPAM]Re: [T-368_BC-610] Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-17 08:00:11 UTC
From: Alan Morriss
Topic: 3180  Message: 3204

hello, the doublet is fed with 450 ohm feeder and is cut for 3615 accurately. the only way it matched was using the proper coax feeder . however the matchbox does a lovely job and gives rx antenna connection.
the plate current behaves normally when off resonance. oh well, i suppose it will keep me busy in my old age ! cheers alan
----- Original Message -----
From: James M. Walker
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, June 17, 2008 1:27 AM
Subject: [SPAM]Re: [SPAM]Re: [T-368_BC-610] Re:fault

The output impedance of the BC-610(E) thru (I) is 50 ohms, read the manual!

The link coupled output works into a 0 ohm load, both the swinging link
version and the fixed link version. The output is coupled to various types
of loads
mostly whips mounted on the shelters of the 2 and 1/2 ton trucks shelter.
Let us
not worry that it ISN'T 50 ohms it IS. The coupling device is/was the BC-939
antenna coupler. Let go of the misconceptions read the manual.

The reason I asked what power output/plate current readings he is getting is
into the PROPER output load the current being correct would provide a
starting point for working through the low output problem.

Sic clorum Unum!
Jim
WB2FCN

----- Original Message -----
From: "Charlie's Place" <chas_east@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Monday, June 16, 2008 7:20 PM
Subject: Re: [SPAM]Re: [T-368_BC-610] Re:fault

> The out put impedance of the 610 is not 50 ohms...Still you should have a
> bunch into 50....The tube sounds iffy
> Throw the thing off resonance and see how much the tube will put
> out....Charlie
>
>
>
>
> He prayeth well,who loveth well,Both man and Bird and Beast.....
> "Where am I? Where am I going? Why am I in a handbasket?"
>

>
>
>
> --- On Mon, 6/16/08, James M. Walker <chejmw@...> wrote:
> From: James M. Walker <chejmw@...>
> Subject: Re: [SPAM]Re: [T-368_BC-610] Re:fault
> To: T-368_BC-610@yahoogroups.com
> Date: Monday, June 16, 2008, 5:13 PM
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>
> Please describe the "Doublet" system that you are using! Also
> another query,
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> what sort of plate current are you getting when you tune the transmitter
>
> into
>
> a 50 ohm load?
>
>
>
> I have been reading the earlier messages about this problem, and I have a
>
> sneaking
>
> suspicion that you have left something important to the diagnosis of the
>
> problem
>
> out.
>
>
>
> Also, another question what is the AC power source and level to the
>
> "System",
>
> Just interested.
>
> Jim
>

> WB2FCN
>
>
>
> ----- Original Message -----
>
> From: "Alan Morriss" <mohawk@clara. co.uk>
>
> To: <T-368_BC-610@ yahoogroups. com>
>
> Sent: Monday, June 16, 2008 5:38 PM
>
> Subject: Re: [SPAM]Re: [T-368_BC-610] Re:fault
>
>
>
> > hello george, i carefully did the contacts today with a diamond file.
> they
>
> > are perfect, and i also lubricated the moving parts. it all made no
>
> > difference.
>
> > another thing. i am feeding the doublet via a johnson kilowatt
> matchbox.
>
> > the vswr is around 1.5 to1.
>
> >
>
> > i am only getting around 100 ma plate current at max coupling of the
> link.
>
> > cheers, alan
>
> > ----- Original Message -----
>
> > From: george portell
>
> > To: T-368_BC-610@ yahoogroups. com
>
> > Sent: Monday, June 16, 2008 2:55 PM
>
> > Subject: [SPAM]Re: [T-368_BC-610] Re:fault
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>
> > just a suggestion,some time ago i had a problem ,on one of my 610`s

> with
>
> > the hv staying keyed up.the problem in my case was one of the
> contacts had
>
> > a arc burr on the side of the contact and it would cause the ry to
> stick
>
> > in the on position .i redressed the contact carefully and removed the
>
> > burr,the problem is gone now for abt 5 yrs.bro geo w8qbg.
>
> >
>
> > --- On Mon, 6/16/08, Alan Morriss <mohawk@clara.
> co.uk> wrote:
>
> >
>
> > From: Alan Morriss <mohawk@clara. co.uk>
>
> > Subject: Re: [T-368_BC-610] Re:fault
>
> > To: T-368_BC-610@ yahoogroups. com
>
> > Date: Monday, June 16, 2008, 5:35 AM
>
> >
>
> > hello joe. i am going to try a good ground . there was a small
> residual
>
> > voltage when i checked it, and i think this may be the problem. i
> only
>
> > just thought of that ! i checked cleaned and lubricated the ry1
> relay, to
>
> > na avail. cheers, alan
>
> > ----- Original Message -----
>
> > From: Joe Foley
>
> > To: T-368_BC-610@ yahoogroups. com
>
> > Sent: Monday, June 16, 2008 2:35 AM
>
> > Subject: Re: [T-368_BC-610] Re:fault
>

> >
>
> > Alan,
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> >
>
> > Try checking the coil terminals of that relay when it is keyed, if
> it
>
> > still has voltage on it when you release the button then you're
> getting a
>
> > feed back from some where that is keeping it picked.& nbsp;
> Of course,
>
> > if there is no voltage on the coil terminal then it is a sticky
> relay.
>
> >
>
> > The T-368 has a relay that keeps the transmitter on for a few
>
> > milliseconds to keep from cutting short the last Morse code element
> sent,
>
> > I don't know if the BC-610 has that or not but it may be a source, or
>
> > example, of that type of problem.
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> >
>
> > Otherwise it could be something completely unexpected causing a
> feedback
>
> > on that control circuit, feel free to suspect everything.
>
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>
> > Joe
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> > hello joe, that sounds promising. i tried disconnecting the mike,
> but no
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> > different. i am suspicious of sticking contacts for the main ht
> supply, as
>
> > it worked perfectly until i left it unused for some weeks. one other
>

> > thing, i am now using a johnson kilowatt matchbox to couple to the
>
> > doublet, and even with the link parallel to the windings in the tank
> coil,
>
> > i only get 150 ma plate current. the vswr is about 1.5 to 1, so it
> should
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> > do better. any ideas ? cheers, alan
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# 3205. Re: [SPAM]Re: [SPAM]Re: [T-368_BC-610] Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-17 08:02:24 UTC
From: Alan Morriss
Topic: 3180  Message: 3205

oh, i forgot. i am using a hefty transformer originally used foe a link trainer. it is constant voltage at 115v. everything ran perfectly before i sent the top cover away for coating ! alan
----- Original Message -----
From: James M. Walker
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, June 17, 2008 12:13 AM
Subject: [SPAM]Re: [SPAM]Re: [T-368_BC-610] Re:fault

Please describe the "Doublet" system that you are using! Also another query, what sort of plate current are you getting when you tune the transmitter into
a 50 ohm load?

I have been reading the earlier messages about this problem, and I have a sneaking
suspicion that you have left something important to the diagnosis of the problem
out.

Also, another question what is the AC power source and level to the "System",
Just interested.
Jim
WB2FCN

----- Original Message -----
From: "Alan Morriss" <mohawk@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Monday, June 16, 2008 5:38 PM
Subject: Re: [SPAM]Re: [T-368_BC-610] Re:fault

> hello george, i carefully did the contacts today with a diamond file. they
> are perfect, and i also lubricated the moving parts. it all made no
> difference.
> another thing. i am feeding the doublet via a johnson kilowatt matchbox.
> the vswr is around 1.5 to1.
>
> i am only getting around 100 ma plate current at max coupling of the link.
> cheers, alan
> ----- Original Message -----
> From: george portell
> To: T-368_BC-610@yahoogroups.com
> Sent: Monday, June 16, 2008 2:55 PM
> Subject: [SPAM]Re: [T-368_BC-610] Re:fault
>

>
> just a suggestion,some time ago i had a problem ,on one of my 610`s with
> the hv staying keyed up.the problem in my case was one of the contacts had
> a arc burr on the side of the contact and it would cause the ry to stick
> in the on position .i redressed the contact carefully and removed the
> burr,the problem is gone now for abt 5 yrs.bro geo w8qbg.
>
> --- On Mon, 6/16/08, Alan Morriss <mohawk@...> wrote:
>
> From: Alan Morriss <mohawk@...>
> Subject: Re: [T-368_BC-610] Re:fault
> To: T-368_BC-610@yahoogroups.com
> Date: Monday, June 16, 2008, 5:35 AM
>
> hello joe. i am going to try a good ground . there was a small residual
> voltage when i checked it, and i think this may be the problem. i only
> just thought of that ! i checked cleaned and lubricated the ry1 relay, to
> na avail. cheers, alan
> ----- Original Message -----
> From: Joe Foley
> To: T-368_BC-610@ yahoogroups. com
> Sent: Monday, June 16, 2008 2:35 AM
> Subject: Re: [T-368_BC-610] Re:fault
>
> Alan,
>
> Try checking the coil terminals of that relay when it is keyed, if it
> still has voltage on it when you release the button then you're getting a
> feed back from some where that is keeping it picked.  Of course,
> if there is no voltage on the coil terminal then it is a sticky relay.
>
> The T-368 has a relay that keeps the transmitter on for a few
> milliseconds to keep from cutting short the last Morse code element sent,
> I don't know if the BC-610 has that or not but it may be a source, or
> example, of that type of problem.
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> Otherwise it could be something completely unexpected causing a feedback
> on that control circuit, feel free to suspect everything.
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> Joe
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> hello joe, that sounds promising. i tried disconnecting the mike, but no
> different. i am suspicious of sticking contacts for the main ht supply, as
> it worked perfectly until i left it unused for some weeks. one other
> thing, i am now using a johnson kilowatt matchbox to couple to the
> doublet, and even with the link parallel to the windings in the tank coil,
> i only get 150 ma plate current. the vswr is about 1.5 to 1, so it should
> do better. any ideas ? cheers, alan
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# 3206. Re: [SPAM]Re: [SPAM]Re: [T-368_BC-610] Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-17 08:07:57 UTC
From: Alan Morriss
Topic: 3180  Message: 3206

hi, yes, the manual says 75. i think that as the johnson matchbox presents 50 , that may be the cause. it really does not matter, as the coil does not get hot, and it keeps the power legal ! i can off tune the matchbox a little to get the proper current, but the vswr goes up to around 4:1 cheers, alan
----- Original Message -----
From: Charlie's Place
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, June 17, 2008 12:20 AM
Subject: [SPAM]Re: [SPAM]Re: [T-368_BC-610] Re:fault

The out put impedance of the 610 is not 50 ohms...Still you should have a bunch into 50....The tube sounds iffy
Throw the thing off resonance and see how much the tube will put out....Charlie

He prayeth well,who loveth well,Both man and Bird and Beast.....
"Where am I? Where am I going? Why am I in a handbasket?"

--- On Mon, 6/16/08, James M. Walker <chejmw@...> wrote:
From: James M. Walker <chejmw@...>
Subject: Re: [SPAM]Re: [T-368_BC-610] Re:fault
To: T-368_BC-610@yahoogroups.com
Date: Monday, June 16, 2008, 5:13 PM

Please describe the "Doublet" system that you are using! Also another query,

what sort of plate current are you getting when you tune the transmitter

into

a 50 ohm load?

I have been reading the earlier messages about this problem, and I have a

sneaking

suspicion that you have left something important to the diagnosis of the

problem

out.

Also, another question what is the AC power source and level to the

"System",

Just interested.

Jim

WB2FCN

----- Original Message -----

From: "Alan Morriss" <mohawk@clara. co.uk>

To: <T-368_BC-610@ yahoogroups. com>

Sent: Monday, June 16, 2008 5:38 PM

Subject: Re: [SPAM]Re: [T-368_BC-610] Re:fault

> hello george, i carefully did the contacts today with a diamond file. they

> are perfect, and i also lubricated the moving parts. it all made no

> difference.

> another thing. i am feeding the doublet via a johnson kilowatt matchbox.

> the vswr is around 1.5 to1.

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> i am only getting around 100 ma plate current at max coupling of the link.

> cheers, alan

> ----- Original Message -----

> From: george portell

> To: T-368_BC-610@ yahoogroups. com

> Sent: Monday, June 16, 2008 2:55 PM

> Subject: [SPAM]Re: [T-368_BC-610] Re:fault

>

>

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> in the on position .i redressed the contact carefully and removed the

> burr,the problem is gone now for abt 5 yrs.bro geo w8qbg.

>

> --- On Mon, 6/16/08, Alan Morriss <mohawk@clara. co.uk> wrote:

>

> From: Alan Morriss <mohawk@clara. co.uk>

> Subject: Re: [T-368_BC-610] Re:fault

> To: T-368_BC-610@ yahoogroups. com

> Date: Monday, June 16, 2008, 5:35 AM

>

> hello joe. i am going to try a good ground . there was a small residual

> voltage when i checked it, and i think this may be the problem. i only

> just thought of that ! i checked cleaned and lubricated the ry1 relay, to

> na avail. cheers, alan

> ----- Original Message -----

> From: Joe Foley

> To: T-368_BC-610@ yahoogroups. com

> Sent: Monday, June 16, 2008 2:35 AM

> Subject: Re: [T-368_BC-610] Re:fault

>

> Alan,

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> still has voltage on it when you release the button then you're getting a

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> if there is no voltage on the coil terminal then it is a sticky relay.

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> milliseconds to keep from cutting short the last Morse code element sent,

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> example, of that type of problem.

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> Otherwise it could be something completely unexpected causing a feedback

> on that control circuit, feel free to suspect everything.

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> hello joe, that sounds promising. i tried disconnecting the mike, but no

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> thing, i am now using a johnson kilowatt matchbox to couple to the

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> Yahoo! Groups Links

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# 3207. Re: [SPAM]Re: [T-368_BC-610] Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-17 08:33:06 UTC
From: Geoff/W5OMR
Topic: 3177  Message: 3207

Charlie's Place wrote:
> The out put impedance of the 610 is not 50 ohms...Still you should have a bunch into 50....The tube sounds iffy
> Throw the thing off resonance and see how much the tube will put out....Charlie
>

The tube wont put out a ny thing, off-resonance. it'll draw excesive amounts of plate current (if good, and thus the reason for the test).

Ozona Bob/W5PYT used to do that. John Mohn/W5MEU asked me one time "how long do you think those tubes will last, doing that to 'em?" That's when I stopped doing that to -my- 250TH's. Then again, I don't run much more than 1000 to 1500v on mine (have pair in home-brewed final, pair in home-brewed modulator) and at 1000v or less, small off-resonance excursions have taken the current past 350mA... and I never drew more because it exceeded the dissipation of the plate. On the other hand, I've run as much as 3000v on a pair of 250TH's, and making sure the tank was resonant saw the thing draw 400mA (link coupled).

Amazing tubes, those 250TH's... I'm guessing at one time they were more than plentiful. The jarring in the back of a duece-and-a-half wouldn't be very friendly to those thoriated tungsten filaments. The grid is rather weak, also. These days, some places are getting 'hundreds' of dollars 'per tube'. They're getting quite rare (expensive) as well as hard-to-find.

Take it easy on those tubes, Charlie.

BTW, did you ever sell that BC-610 you brought and demonstrated at Belton a few years ago?

--
73 = Best Regards,
-Geoff/W5OMR

# 3208. Re: [T-368_BC-610] Fault

Yahoo group: T-368_BC-610
Date: 2008-06-17 08:37:59 UTC
From: Geoff/W5OMR
Topic: 3201  Message: 3208

wa5cab@... wrote:
> Another is that the -E and earlier models all originally shipped with fixed
> link coils. The variable link coils were part of the doublet antenna
> modification kit.
>

I can't agree to that. I had a E model, and it had swinging coils.

The firdt thing that popped to mind, Robert, was that the coils you had
in the E model were probably old and the link was 'stuck' in the middle
position. Not to say that they don't exist, but I've never seen a 610
coil with a 'permanently fixed' link coil inside the tank coil.

--
73 = Best Regards,
-Geoff/W5OMR

# 3209. Re: [T-368_BC-610] Fault

Yahoo group: T-368_BC-610
Date: 2008-06-17 08:42:34 UTC
From: Geoff/W5OMR
Topic: 3201  Message: 3209

Alan Morriss wrote:
> the proper plug for the socket ? i would also like proper brackets. they are simple bent strips with the holes parallel.
> i also had a shock from the 610. like a fool, i touched the tank coil to adjust the link, forgetting that as i was on cw the light was still on as i had forgotten to cancel transmit. i did not enjoy it all that much, and the trip went. that taught me a lesson!
> cheers, alan

That is EXACTLY why you SHOULD NOT bypass the safety interlock switches
on a BC-610!

A Couple of thousand volts coursing through you system could KILL you!

--
73 = Best Regards,
-Geoff/W5OMR

# 3210. Re: [SPAM]Re: [T-368_BC-610] Fault

Yahoo group: T-368_BC-610
Date: 2008-06-17 11:03:54 UTC
From: Alan Morriss
Topic: 3210  Message: 3210

hello geoff. well you are right. i have been around long enough to know better. cheers, alan
----- Original Message -----
From: Geoff/W5OMR
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, June 17, 2008 9:42 AM
Subject: [SPAM]Re: [T-368_BC-610] Fault

Alan Morriss wrote:
> the proper plug for the socket ? i would also like proper brackets. they are simple bent strips with the holes parallel.
> i also had a shock from the 610. like a fool, i touched the tank coil to adjust the link, forgetting that as i was on cw the light was still on as i had forgotten to cancel transmit. i did not enjoy it all that much, and the trip went. that taught me a lesson!
> cheers, alan

That is EXACTLY why you SHOULD NOT bypass the safety interlock switches
on a BC-610!

A Couple of thousand volts coursing through you system could KILL you!

--
73 = Best Regards,
-Geoff/W5OMR

[Non-text portions of this message have been removed]

# 3211. Re: [T-368_BC-610] Fault

Yahoo group: T-368_BC-610
Date: 2008-06-17 11:08:27 UTC
From: Dave And Merrijoy
Topic: 3201  Message: 3211

Robert,
How's the GF/RU-8/Half-Trac project going?
Dave w9ocm

----- Original Message -----
From: wa5cab@...
To: T-368_BC-610@yahoogroups.com
Sent: Monday, June 16, 2008 10:57 PM
Subject: Re: [T-368_BC-610] Fault

Maybe I'm off the black-list. I've tried to respond to several comments, but
all attempts never went through.

One thing that I said in response to the sub-thread about disabling the
safety interlocks is that anyone doing it hopefully has a lot of paid-up life
insurance and a current will listing who get's the 610. I once survived
discharging the HV capacitors in a -E model (open bleeder). But I can't recommend the
experience.

Another is that the -E and earlier models all originally shipped with fixed
link coils. The variable link coils were part of the doublet antenna
modification kit.

And a third was that it's too hot to go looking in the attic for TM 11-281
but unplug the JB-70 from the BC-614 and see whether the relay still latches.
If it does, unplug the BC-614 from the BC-610. If it still does, problem is
somewhere in the 610. Otherwise, it's in whichever one fixed the problem by
unplugging it.

I've forgotten the rest.

Robert Downs - Houston

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No virus found in this incoming message.
Checked by AVG.
Version: 7.5.524 / Virus Database: 270.3.0/1505 - Release Date: 6/16/2008 7:20 AM

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# 3212. Re: [SPAM]Re: [SPAM]Re: [T-368_BC-610] Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-17 12:49:07 UTC
From: James M. Walker
Topic: 3180  Message: 3212

Alan,
The statement here is confusing, "Must be the English to English"
translation.
Am I correct in this regard? First you are using a (dipole) you say
"Doublet",
which is fed with a 450 ohm feed-line, and cut for operation at 3615.

Next the statement is: "that you needed to match the 450 ohm feeder to a
proper
coax feeder", and this is accomplished by using a Match-box, I am assuming
johnson type, as per the mention of the RX antenna connection.

If this is a johnson matchbox, are you also using the T/R relay capabilities
of the
matchbox? Then I would ask if the output of the BC-610 is going to the
match-box and thence the antenna.

I would also restate my original question, have you in fact tuned directly
into
a 50 ohm load to determine that the transmitter is properly working?

Curiosity abounds OM!
Jim
WB2FCN

----- Original Message -----
From: "Alan Morriss" <mohawk@...>

> hello, the doublet is fed with 450 ohm feeder and is cut for 3615
> accurately. the only way it matched was using the proper coax feeder .
> however the matchbox does a lovely job and gives rx antenna connection.
> the plate current behaves normally when off resonance. oh well, i suppose
> it will keep me busy in my old age ! cheers alan

# 3213. Re: [SPAM]Re: [SPAM]Re: [T-368_BC-610] Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-17 12:51:15 UTC
From: James M. Walker
Topic: 3180  Message: 3213

By describe the AC power I mean levels and capability. "Hefty" I understand,
what are the ratings?

----- Original Message -----
From: Alan Morriss

oh, i forgot. i am using a hefty transformer originally used foe a link trainer. it is
constant voltage at 115v. everything ran perfectly before i sent the top cover away for
coating ! alan

----- Original Message -----
From: James M. Walker
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, June 17, 2008 12:13 AM
Subject: [SPAM]Re: [SPAM]Re: [T-368_BC-610] Re:fault

Please describe the "Doublet" system that you are using! Also another query,
what sort of plate current are you getting when you tune the transmitter
into
a 50 ohm load?

I have been reading the earlier messages about this problem, and I have a
sneaking
suspicion that you have left something important to the diagnosis of the
problem
out.

Also, another question what is the AC power source and level to the
"System",
Just interested.
Jim
WB2FCN

----- Original Message -----
From: "Alan Morriss" <mohawk@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Monday, June 16, 2008 5:38 PM
Subject: Re: [SPAM]Re: [T-368_BC-610] Re:fault

> hello george, i carefully did the contacts today with a diamond file. they
> are perfect, and i also lubricated the moving parts. it all made no
> difference.
> another thing. i am feeding the doublet via a johnson kilowatt matchbox.
> the vswr is around 1.5 to1.
>
> i am only getting around 100 ma plate current at max coupling of the link.
> cheers, alan

> ----- Original Message -----
> From: george portell
> To: T-368_BC-610@yahoogroups.com
> Sent: Monday, June 16, 2008 2:55 PM
> Subject: [SPAM]Re: [T-368_BC-610] Re:fault
>
>
> just a suggestion,some time ago i had a problem ,on one of my 610`s with
> the hv staying keyed up.the problem in my case was one of the contacts had
> a arc burr on the side of the contact and it would cause the ry to stick
> in the on position .i redressed the contact carefully and removed the
> burr,the problem is gone now for abt 5 yrs.bro geo w8qbg.
>
> --- On Mon, 6/16/08, Alan Morriss <mohawk@...> wrote:
>
> From: Alan Morriss <mohawk@...>
> Subject: Re: [T-368_BC-610] Re:fault
> To: T-368_BC-610@yahoogroups.com
> Date: Monday, June 16, 2008, 5:35 AM
>
> hello joe. i am going to try a good ground . there was a small residual
> voltage when i checked it, and i think this may be the problem. i only
> just thought of that ! i checked cleaned and lubricated the ry1 relay, to
> na avail. cheers, alan
> ----- Original Message -----
> From: Joe Foley
> To: T-368_BC-610@ yahoogroups. com
> Sent: Monday, June 16, 2008 2:35 AM
> Subject: Re: [T-368_BC-610] Re:fault
>
> Alan,
>
> Try checking the coil terminals of that relay when it is keyed, if it
> still has voltage on it when you release the button then you're getting a
> feed back from some where that is keeping it picked.  Of course,
> if there is no voltage on the coil terminal then it is a sticky relay.
>
> The T-368 has a relay that keeps the transmitter on for a few
> milliseconds to keep from cutting short the last Morse code element sent,
> I don't know if the BC-610 has that or not but it may be a source, or
> example, of that type of problem.
>
> Otherwise it could be something completely unexpected causing a feedback
> on that control circuit, feel free to suspect everything.
>
> Joe
>
> hello joe, that sounds promising. i tried disconnecting the mike, but no
> different. i am suspicious of sticking contacts for the main ht supply, as
> it worked perfectly until i left it unused for some weeks. one other

> thing, i am now using a johnson kilowatt matchbox to couple to the
> doublet, and even with the link parallel to the windings in the tank coil,
> i only get 150 ma plate current. the vswr is about 1.5 to 1, so it should
> do better. any ideas ? cheers, alan
> .
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# 3214. T-368_BC-610] Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-17 13:12:45 UTC
From: James M. Walker
Topic: 3214  Message: 3214

In this case I am assuming you mean the manual for the Johnson Matchbox.
The matchbox accepts a "50 ohm input and matches to antennas having a range
of
50 - 1200 ohms for balanced lines and 50 to 2000 ohms for unbalanced lines",
This is adding to the confusion of your statement below.

Please clarify.
Jim
WB2FCN

----- Original Message -----
From: "Alan Morriss" <mohawk@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Tuesday, June 17, 2008 4:07 AM
Subject: Re: [SPAM]Re: [SPAM]Re: [T-368_BC-610] Re:fault

> hi, yes, the manual says 75. i think that as the johnson matchbox presents
> 50 , that may be the cause. it really does not matter, as the coil does
> not get hot, and it keeps the power legal ! i can off tune the matchbox a
> little to get the proper current, but the vswr goes up to around 4:1
> cheers, alan
> ----- Original Message -----
> From: Charlie's Place
> To: T-368_BC-610@yahoogroups.com
> Sent: Tuesday, June 17, 2008 12:20 AM
> Subject: [SPAM]Re: [SPAM]Re: [T-368_BC-610] Re:fault
>
>
> The out put impedance of the 610 is not 50 ohms...Still you should have a
> bunch into 50....The tube sounds iffy
> Throw the thing off resonance and see how much the tube will put
> out....Charlie
>
> He prayeth well,who loveth well,Both man and Bird and Beast.........
> "Where am I? Where am I going? Why am I in a handbasket?"
>
> --- On Mon, 6/16/08, James M. Walker <chejmw@...> wrote:
> From: James M. Walker <chejmw@...>
> Subject: Re: [SPAM]Re: [T-368_BC-610] Re:fault
> To: T-368_BC-610@yahoogroups.com
> Date: Monday, June 16, 2008, 5:13 PM
>
> Please describe the "Doublet" system that you are using! Also another
> query,
>
> what sort of plate current are you getting when you tune the transmitter

>
> into
>
> a 50 ohm load?
>
> I have been reading the earlier messages about this problem, and I have a
>
> sneaking
>
> suspicion that you have left something important to the diagnosis of the
>
> problem
>
> out.
>
> Also, another question what is the AC power source and level to the
>
> "System",
>
> Just interested.
>
> Jim
>
> WB2FCN
>
> ----- Original Message -----
>
> From: "Alan Morriss" <mohawk@clara. co.uk>
>
> To: <T-368_BC-610@ yahoogroups. com>
>
> Sent: Monday, June 16, 2008 5:38 PM
>
> Subject: Re: [SPAM]Re: [T-368_BC-610] Re:fault
>
> > hello george, i carefully did the contacts today with a diamond
> file. they
>
> > are perfect, and i also lubricated the moving parts. it all made no
>
> > difference.
>
> > another thing. i am feeding the doublet via a johnson kilowatt
> matchbox.
>
> > the vswr is around 1.5 to1.
>
> >
>
> > i am only getting around 100 ma plate current at max coupling of the

> link.
>
> > cheers, alan
>
> > ----- Original Message -----
>
> > From: george portell
>
> > To: T-368_BC-610@ yahoogroups. com
>
> > Sent: Monday, June 16, 2008 2:55 PM
>
> > Subject: [SPAM]Re: [T-368_BC-610] Re:fault
>
> >
>
> >
>
> > just a suggestion,some time ago i had a problem ,on one of my 610`s
> with
>
> > the hv staying keyed up.the problem in my case was one of the
> contacts had
>
> > a arc burr on the side of the contact and it would cause the ry to
> stick
>
> > in the on position .i redressed the contact carefully and removed
> the
>
> > burr,the problem is gone now for abt 5 yrs.bro geo w8qbg.
>
> >
>
> > --- On Mon, 6/16/08, Alan Morriss <mohawk@clara.
> co.uk> wrote:
>
> >
>
> > From: Alan Morriss <mohawk@clara. co.uk>
>
> > Subject: Re: [T-368_BC-610] Re:fault
>
> > To: T-368_BC-610@ yahoogroups. com
>
> > Date: Monday, June 16, 2008, 5:35 AM
>
> >
>
> > hello joe. i am going to try a good ground . there was a small

> residual
>
> > voltage when i checked it, and i think this may be the problem. i
> only
>
> > just thought of that ! i checked cleaned and lubricated the ry1
> relay, to
>
> > na avail. cheers, alan
>
> > ----- Original Message -----
>
> > From: Joe Foley
>
> > To: T-368_BC-610@ yahoogroups. com
>
> > Sent: Monday, June 16, 2008 2:35 AM
>
> > Subject: Re: [T-368_BC-610] Re:fault
>
> >
>
> > Alan,
>
> >
>
> > Try checking the coil terminals of that relay when it is keyed, if
> it
>
> > still has voltage on it when you release the button then you're
> getting a
>
> > feed back from some where that is keeping it picked.& nbsp;
> Of course,
>
> > if there is no voltage on the coil terminal then it is a sticky
> relay.
>
> >
>
> > The T-368 has a relay that keeps the transmitter on for a few
>
> > milliseconds to keep from cutting short the last Morse code element
> sent,
>
> > I don't know if the BC-610 has that or not but it may be a source,
> or
>
> > example, of that type of problem.
>

> >
>
> > Otherwise it could be something completely unexpected causing a
> feedback
>
> > on that control circuit, feel free to suspect everything.
>
> >
>
> > Joe
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>
> > hello joe, that sounds promising. i tried disconnecting the mike,
> but no
>
> > different. i am suspicious of sticking contacts for the main ht
> supply, as
>
> > it worked perfectly until i left it unused for some weeks. one other
>
> > thing, i am now using a johnson kilowatt matchbox to couple to the
>
> > doublet, and even with the link parallel to the windings in the tank
> coil,
>
> > i only get 150 ma plate current. the vswr is about 1.5 to 1, so it
> should
>
> > do better. any ideas ? cheers, alan
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# 3215. Re: [T-368_BC-610] Fault

Yahoo group: T-368_BC-610
Date: 2008-06-17 13:17:48 UTC
From: James M. Walker
Topic: 3201  Message: 3215

I have currently the "E" and "I" models and both have 50 ohm output and variable adjustment links.

I "think" there were fixed coils used in the SCR-299 system, not sure. The 299 was in the "Ambulance" truck configuration, and only had whips and a coupler assembly that did the match/load function.
Jim
WB2FCN

----- Original Message -----
From: Geoff/W5OMR
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, June 17, 2008 4:37 AM
Subject: Re: [T-368_BC-610] Fault

wa5cab@... wrote:
> Another is that the -E and earlier models all originally shipped with fixed
> link coils. The variable link coils were part of the doublet antenna
> modification kit.
>

I can't agree to that. I had a E model, and it had swinging coils.

The firdt thing that popped to mind, Robert, was that the coils you had
in the E model were probably old and the link was 'stuck' in the middle
position. Not to say that they don't exist, but I've never seen a 610
coil with a 'permanently fixed' link coil inside the tank coil.

--
73 = Best Regards,
-Geoff/W5OMR

[Non-text portions of this message have been removed]

# 3216. Re: [SPAM]Re: [T-368_BC-610] Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-17 13:42:36 UTC
From: george portell
Topic: 3177  Message: 3216

do you have enough grid drive?you also may have a bad 250th.gud luck bro geo w8qbg.

--- On Mon, 6/16/08, Alan Morriss <mohawk@...> wrote:

From: Alan Morriss <mohawk@...>
Subject: Re: [SPAM]Re: [T-368_BC-610] Re:fault
To: T-368_BC-610@yahoogroups.com
Date: Monday, June 16, 2008, 3:38 PM

hello george, i carefully did the contacts today with a diamond file. they are perfect, and i also lubricated the moving parts. it all made no difference.
another thing. i am feeding the doublet via a johnson kilowatt matchbox. the vswr is around 1.5 to1.

i am only getting around 100 ma plate current at max coupling of the link. cheers, alan
----- Original Message -----
From: george portell
To: T-368_BC-610@ yahoogroups. com
Sent: Monday, June 16, 2008 2:55 PM
Subject: [SPAM]Re: [T-368_BC-610] Re:fault

just a suggestion,some time ago i had a problem ,on one of my 610`s with the hv staying keyed up.the problem in my case was one of the contacts had a arc burr on the side of the contact and it would cause the ry to stick in the on position .i redressed the contact carefully and removed the burr,the problem is gone now for abt 5 yrs.bro geo w8qbg.

--- On Mon, 6/16/08, Alan Morriss <mohawk@clara. co.uk> wrote:

From: Alan Morriss <mohawk@clara. co.uk>
Subject: Re: [T-368_BC-610] Re:fault
To: T-368_BC-610@ yahoogroups. com
Date: Monday, June 16, 2008, 5:35 AM

hello joe. i am going to try a good ground . there was a small residual voltage when i checked it, and i think this may be the problem. i only just thought of that ! i checked cleaned and lubricated the ry1 relay, to na avail. cheers, alan
----- Original Message -----
From: Joe Foley
To: T-368_BC-610@ yahoogroups. com
Sent: Monday, June 16, 2008 2:35 AM
Subject: Re: [T-368_BC-610] Re:fault

Alan,

Try checking the coil terminals of that relay when it is keyed, if it still has voltage on it when you release the button then you're getting a feed back from some where that is keeping it picked.& nbsp; Of course, if there is no voltage on the coil terminal then

it is a sticky relay.

The T-368 has a relay that keeps the transmitter on for a few milliseconds to keep from cutting short the last Morse code element sent, I don't know if the BC-610 has that or not but it may be a source, or example, of that type of problem.

Otherwise it could be something completely unexpected causing a feedback on that control circuit, feel free to suspect everything.

Joe

hello joe, that sounds promising. i tried disconnecting the mike, but no different. i am suspicious of sticking contacts for the main ht supply, as it worked perfectly until i left it unused for some weeks. one other thing, i am now using a johnson kilowatt matchbox to couple to the doublet, and even with the link parallel to the windings in the tank coil, i only get 150 ma plate current. the vswr is about 1.5 to 1, so it should do better. any ideas ? cheers, alan
.

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# 3217. Re: [T-368_BC-610] Re: Wanted: T-102 output transformer for BC-614-E Speech Amp

Yahoo group: T-368_BC-610
Date: 2008-06-10 21:44:53 UTC
From: wa5cab@cs.com
Topic: 3133  Message: 3217

I don't recall the details of all of the differences (the sheet metal, meters and switches are obvious) but aside from tubes, tuning units and tank coils, relatively little of the -F and later will properly fit the -E and earlier. Including the top cover.

In a message dated 6/10/2008 3:25:50 PM Central Daylight Time,
Roger@... writes:
> --- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
> >
> >hello roger. a small problem.the brackets for the switches do not
> fit, they must have been for another mark.i will make some. meanwhile
> i will bypass the safety interlock if i cant get it done by the
> weekend. cheers, alan
>
>
> OK Alan,
>
> Well, I had a similar problem with those switches, they do not match
> the mountings on the top cover of my BC-610-E. On the lip of the
> cut-out for each door there is a small bracket with a hole in it. I
> fitted a conventional microswitch with an actuator button into each
> hole and the door operates the switch under its own weight, it seems
> quite positive in operation and you can hear it open and close, so it
> gives you confidence it's working. I've a feeling that the switches
> I've sent you are for another mark, as you say. But having said that,
> I did check with another BC-610 owner and his -E model had that type,
> so possibly the top lid on my '610 is off another mark of TX?
>
> Take real care if you run without the interlocks! Just imagine the
> field-day the HSE jobsworths would have if you get zapped!!!
>
>

Robert & Susan Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 3218. [T-368_BC-610] Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-15 22:37:34 UTC
From: wa5cab@cs.com
Topic: 3174  Message: 3218

TEST

Robert & Susan Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 3219. Re: [T-368_BC-610] Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-15 20:28:41 UTC
From: wa5cab@cs.com
Topic: 3174  Message: 3219

Group,

In a message dated 6/15/2008 3:19:24 PM Central Daylight Time,
Roger@... writes:
> OK, well I think you're not alone in that mod, from what others have
> told me.

Having survived (in 1962) discharging the HV capacitors in a BC-610-E (open bleeder resistor), that's one modification I wouldn't tolerate.

>
> It's a shame that Hallicrafters didn't bring the swinging link
> adjustment out to the front panel. I have a 1950s ex Diplomatic
> Wireless Service Mark 214 TX here - pair of 813s in the final; it uses
> coils obviously modelled on the BC-610 coil, with a swinging link but
> in this case there is an insulated adjusting lever that drops into a
> attachment on an insulated arm which pulls out from the front panel,
> works well. Having said that, I don't find a lot of need to tweak the
> coupling on my '610; I usually set it for max output into a 75 Ohm
> load and then do all the rest of the antenna tuning at the ATU.
>

The swinging link coils were initially supplied as part of the doublet antenna modification kit. The original BC-610-E and earlier all shipped with the fixed link coils.

Robert Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 3220. Re: [T-368_BC-610] Fault

Yahoo group: T-368_BC-610
Date: 2008-06-17 14:17:41 UTC
From: Joe Foley
Topic: 3201  Message: 3220

Maybe I'm off the black-list. I've tried to respond to several comments, but

all attempts never went through.
++++++++I've found it, Bob!
For some reason your E-mails go into the "Suspected SPAM" file at Yahoo, no idea why.  I have to go approve your E-mails before they get posted.

I'll try to check that more often so your posts will be more timely, no other way to do it on this end, not sure how to fix it either.

Joe, list janitor

[Non-text portions of this message have been removed]

# 3221. New to list - parts sources

Yahoo group: T-368_BC-610
Date: 2008-06-17 15:39:54 UTC
From: mike Kana
Topic: 3221  Message: 3221

Howdy all

New to the list and a new owner of a B&W T368C.
As I am getting everything ready to go on the
air, one question is where to get spares -
especially the type 6000 tube. Fair Radio or ....?
Any info on that would be appreciated.

Tnx es 73
Mike AA9IL

# 3222. Re: [T-368_BC-610] Re: Wanted: T-102 output transformer for BC-614-E Speech Amp

Yahoo group: T-368_BC-610
Date: 2008-06-17 15:47:47 UTC
From: Robert Heaton
Topic: 3133  Message: 3222

Hey guys, remember these were built under contract to the lowest bidder..at the time...and his plan was to make all others INCOMPATIBLE..thereby creating a market for pieces, parts, upgrades,etc.
Now we are trying to recover from it. The fun in B/A ham radio is making it work..as close to ORIGINAL MIL SPEC as we are capable of doing.
Nobody ever said it would be easy. Keep up the good work.

73, BoB.
wb4jpz1@...

[Non-text portions of this message have been removed]

# 3223. Re: [T-368_BC-610] Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-17 16:38:03 UTC
From: M0GHQ
Topic: 3174  Message: 3223

Alan, I have done some tests here this afternoon with my SCR-499, BC-610E serial 4427, input votage114.7v on standby and 108.2v on transmit full power (4kva Variac). Coil is swinging type with inner coil at roughly 45 degrees. I have run it into the ME-165G dummy load and results were PA current 220mA, PA grid 65mA, power output on 3.615mhz was 275W. Into the dipole (doublet) via the Johnson Kilowatt matchbox PA current is 190mA and PA grid is 65mA. output is also 275w carrier. SWR is 1.0:1.
The modulator bias is set at 40mA and PA filament is 5.3v the int amp plate is 150mA in both instances and the int amp grid is 6mA.
The JBox settings are:- both RX disabling ON, Trans OFF, cw sidetone OFF, battery PE-95, rx output NORMAL.
I have a full set of both coil types and coils also to 1.0MHZ. they all came with this set which is complete with all units, cabinets and seats etc. date manufactured is Sept/Nov 1944.
73 Max M0GHQ

[Non-text portions of this message have been removed]

# 3224. Response to comments

Yahoo group: T-368_BC-610
Date: 2008-06-17 17:45:00 UTC
From: rbethman
Topic: 3224  Message: 3224

Robert, Charlie, Et Al,

1 - Ive ONLY run across TWO PA coils that DIDN'T have rotating links out of over two complete sets including the complete set I obtained from Lon Cottingham. So the "premise" that THEY were ALL non-movable is hogwash!

2 - The impedance for the output has ALWAYS been 50 ohm. Where ANYONE gets the idea that it is/was otherwise demonstrates an absolute LACK of knowledge AND failure to RTFM! (Read The Frickin' Manual)

3 - Disabling the two TOP interlocks is ONLY dangerous IF you go about doing things in a "cavalier" manner! I spent a portion of a "past" life working high voltage distribution systems and high voltage generation. (The "lowest" voltage was 4160VAC, up to 22KVAC.) I have NEVER used any manner of working HV except with ALL the appropriate safety precautions. I have and DO use "hotsticks", HV Probes for troubleshooting, and even HV gloves tested and rated for 20KV.

That being said, how do you propose to make ANY useful voltage checks to ascertain where and what the "problem" may be IF you DON'T have an energized circuit? I'm NOT Johnny Carson playing the Great whatever holding envelopes to my head and proposing to know the answer! There have been infrequent need to have the Plate Power ON while using the HV DC probe to ensure that FULL PLATE voltage was INDEED present. The reason was that the Plate Current would NOT exceed 38mA. This begged the question as to whether the VOLTAGE was correct. The final had already been swapped out with a KNOWN GOOD one BEFORE this method was resorted to.

IF you are going to own, operate, and maintain BAs or Amps with HV, There WILL come the time when you MUST perform your tasks while circuits are HOT! Try tuning the input circuitry on an Amp Supply LK 500 or LK 800. You MUST have the lid open, (off actually), completely powered up, fed RF from your exciter, and the dummy load in use - WHILE you adjust the input circuits to tune for the exciter's low SWR requirements.

I'm NEITHER insane, stupid, NOR have a death wish! Unlike way to many out there with "like" equipment, I "DO" know what I'm doing, the smart, SAFE way to do it, AND I "ALWAYS" practice the level of safe practices.

I ONLY go into the top left panel to adjust the rotating coil while energized when I MUST rotate the link to us an area of the dipole that the antenna is NOT resonated for, and am trying to properly load the transmitter and NOT blow the final.

In summary, I suggest to those making "not bright" comments on MY doings with regard to High Voltage, either STAY AWAY from such Beasts, AND/OR

write ME direct. I'll attempt to educate YOU!

Bob - N0DGN

# 3225. de w9ocm

Yahoo group: T-368_BC-610
Date: 2008-06-17 18:07:38 UTC
From: Dave And Merrijoy
Topic: 3225  Message: 3225

Robert,
How's the GF/RU-8/Half-Trac project going?
Dave w9ocm

[Non-text portions of this message have been removed]

# 3226. The Fault Issue

Yahoo group: T-368_BC-610
Date: 2008-06-17 18:10:09 UTC
From: rbethman
Topic: 3226  Message: 3226

Now on to the "fault".

The inclusion of "I removed the top to be coated.", has ABSOLUTELY nothing to do with what is wrong.

Alan further states that he took a BC-348 out of line because "it let its *smoke* out" - probably has a signifiicant bearing on what is causing the fault!

We've talked about the contacts sticking on the relay, the proposed method of disconnecting cables until we get down to just the BC-614 and the BC-610 is a VERY good and valid process. This "almost" HAS to be a cabling/connector issue whereupon something is suddenly grounded that isn't supposed to be OR "some" leakage current that is keeping things "stuck".

Question #1 - Red Lamp. Which one? Is this the Plate Power Lamp? Is it on the JB-70? ( I do not have one - so I do NOT know if it does - BUT - it would make sense that it does since it ALSO controls the PE-95 remotely.)

Question #2 - Which SPECIFIC switch are you cycling off then on to make the red lamp go out?

Bob - N0DGN

# 3227. Re: [T-368_BC-610] Fault

Yahoo group: T-368_BC-610
Date: 2008-06-17 18:40:56 UTC
From: wa5cab@cs.com
Topic: 3201  Message: 3227

Sorry, Geoff. I didn't say that some BC-610-E bought in the 50's or later would have had nothing but fixed link coils. But what the first guy to open the crate in 1941, 2 or 3 would have found wouldn't have been variable link types. I've got a bunch of them, including as I mentioned a few weeks ago some for 160. I'm looking at one of those as I write this (or it's box to be precisely correct). Ask Lon about them. That's where many of them came from.

If you look at the tuning charts printed in the back of the TM 11-281's dated 17 April and 04 September 1943, you will see that the coils listed are all either -A or -B models, which are the fixed link coils. The variable link coils are all either suffix -C or -D.

Also, the fixed links are not inside the tank coil, they are outside of it

In a message dated 6/17/2008 3:39:00 AM Central Daylight Time,
w5omr@... writes:
> wa5cab@... wrote:
> >Another is that the -E and earlier models all originally shipped with fixed
>
> >link coils. The variable link coils were part of the doublet antenna
> >modification kit.
> >
>
>
> I can't agree to that. I had a E model, and it had swinging coils.
>
> The firdt thing that popped to mind, Robert, was that the coils you had
> in the E model were probably old and the link was 'stuck' in the middle
> position. Not to say that they don't exist, but I've never seen a 610
> coil with a 'permanently fixed' link coil inside the tank coil.
>

Robert Downs - Houston

[Non-text portions of this message have been removed]

# 3228. Re: [T-368_BC-610] Fault - edit

Yahoo group: T-368_BC-610
Date: 2008-06-17 19:15:14 UTC
From: wa5cab@cs.com
Topic: 3228  Message: 3228

Word in following sentence should have read "fixed link types" vice "them".

In a message dated 6/17/2008 1:41:38 PM Central Daylight Time, wa5cab@...
writes:
> I've got a bunch of them, including as I mentioned a few weeks ago some for
>
> 160.

Robert Downs - Houston

[Non-text portions of this message have been removed]

# 3229. Re: [T-368_BC-610] Fault - edit

Yahoo group: T-368_BC-610
Date: 2008-06-17 19:18:53 UTC
From: wa5cab@cs.com
Topic: 3228  Message: 3229

Joe,

Did you have to clear the below or did it go through on its own? I deleted
the URL and two email addresses from my standard signature block.

In a message dated 6/17/2008 2:15:35 PM Central Daylight Time, wa5cab@...
writes:
> Word in following sentence should have read "fixed link types" vice "them".
>
> In a message dated 6/17/2008 1:41:38 PM Central Daylight Time, wa5cab@...
>
> writes:
> >I've got a bunch of them, including as I mentioned a few weeks ago some for
>
> >
> >160.
>

Robert Downs - Houston

[Non-text portions of this message have been removed]

# 3230. Re: [T-368_BC-610] Fault - edit

Yahoo group: T-368_BC-610
Date: 2008-06-17 19:28:23 UTC
From: rbethman
Topic: 3228  Message: 3230

Robert,

The way that Yahoo and "other" lists have gone with *filtering*, I've dropped my sig block to NO MORE than what you NOW see:

Bob - N0DGN

wa5cab@... wrote:
>
> Joe,
>
> Did you have to clear the below or did it go through on its own? I
> deleted
> the URL and two email addresses from my standard signature block.
>
> In a message dated 6/17/2008 2:15:35 PM Central Daylight Time,
> wa5cab@... <mailto:wa5cab%40cs.com>
> writes:
> > Word in following sentence should have read "fixed link types" vice
> "them".
> >
> > In a message dated 6/17/2008 1:41:38 PM Central Daylight Time,
> wa5cab@... <mailto:wa5cab%40cs.com>
> >
> > writes:
> > >I've got a bunch of them, including as I mentioned a few weeks ago
> some for
> >
> > >
> > >160.
> >
>
> Robert Downs - Houston
>
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 3231. Re: [T-368_BC-610] Response to comments

Yahoo group: T-368_BC-610
Date: 2008-06-17 19:34:49 UTC
From: Geoff/W5OMR
Topic: 3224  Message: 3231

rbethman wrote:
> IF you are going to own, operate, and maintain BAs or Amps with HV,
> There WILL come the time when you MUST perform your tasks while circuits
> are HOT! Try tuning the input circuitry on an Amp Supply LK 500 or LK
> 800. You MUST have the lid open, (off actually), completely powered up,
> fed RF from your exciter, and the dummy load in use - WHILE you adjust
> the input circuits to tune for the exciter's low SWR requirements.
>

We'll just have to agree to disagree, Bob. When I had my '610-E, and I wanted to change how the thing was loading, I'd make sure the B+ was off, and adjust the swinging link a little at a time, and there's simply just no way in HELL I'd ever temp fate by sticking my hands in that beast with the B+ on.

I, too, have learned my lesson with the home-brew rig... luckily the Vari-AC was turned down so that the DC output was only around 600vDC but that was enough to knock me out of my chair, out of the room and across the hall, landing in a rather unceremonious manner, upside down and 'knocked out' for a couple of minutes!

Then, there was the 'snake-bite' I had on my upper right hind-quarter. Exposed 1200VDC terminals from a home brew 811A power supply grabbed my butt when I bent down to pick something up. naturally, I lunged forward, knocking my head on whatever I was working on, which knocked me -back- into the powersupply, where I finally had the presence of mind to stand UP instead of knocking my head against the equipment, again. Luckily, this time, I had rubber soled tennis shoes on and the scaring was minimal. Can't say the same for my right thumb and left palm... right thumb was exposed to the 600v DC... right palm had the D-104 in it.

I will continue to work with tube-type rigs, but I'm -never- going to stick my hands, or any other part of my anatomy near an energized HV circuit, ever again.

--
73 = Best Regards,
-Geoff/W5OMR

# 3232. Re: [T-368_BC-610] Response to comments

Yahoo group: T-368_BC-610
Date: 2008-06-17 19:46:09 UTC
From: rbethman
Topic: 3224  Message: 3232

Geoff.

You just proved MY point!

I do NOT stick MY HANDS in there!

I reiterate - I USE EITHER A HOTSTICK OR TESTED AND RATED @ 20KV HV GLOVES TO WORK LIVE CIRCUITS!!!!

I was VERY well trained in working LIVE circuits. I used to HAVE to use a HOTSTICK to tie the 1MW portable generator to the OVERHEAD distribution to provide emergency power. I've even done it in the rain!

Once you KNOW what, how, and the methods, it is NOT a widow maker!

If you wish to disagree, that's fine by me! Since you "backed" into the 600 V plate, OBVIOUSLY you live on the "edge" since it WAS exposed. What I'm dealing with is NOT! It is in the cabinet. I have to WORK at getting in there to do what I do.

This is where myths, legends, and Fairy tales get started! All in lieu of FACTS, KNOWLEDGE, TRAINING, and EXPERIENCE.

Bob - N0DGN

Geoff/W5OMR wrote:
>
> rbethman wrote:
> > IF you are going to own, operate, and maintain BAs or Amps with HV,
> > There WILL come the time when you MUST perform your tasks while
> circuits
> > are HOT! Try tuning the input circuitry on an Amp Supply LK 500 or LK
> > 800. You MUST have the lid open, (off actually), completely powered up,
> > fed RF from your exciter, and the dummy load in use - WHILE you adjust
> > the input circuits to tune for the exciter's low SWR requirements.
> >
>
> We'll just have to agree to disagree, Bob. When I had my '610-E, and I
> wanted to change how the thing was loading, I'd make sure the B+ was
> off, and adjust the swinging link a little at a time, and there's simply
> just no way in HELL I'd ever temp fate by sticking my hands in that
> beast with the B+ on.
>
> I, too, have learned my lesson with the home-brew rig... luckily the
> Vari-AC was turned down so that the DC output was only around 600vDC but
> that was enough to knock me out of my chair, out of the room and across
> the hall, landing in a rather unceremonious manner, upside down and

> 'knocked out' for a couple of minutes!
>
> Then, there was the 'snake-bite' I had on my upper right hind-quarter.
> Exposed 1200VDC terminals from a home brew 811A power supply grabbed my
> butt when I bent down to pick something up. naturally, I lunged
> forward, knocking my head on whatever I was working on, which knocked me
> -back- into the powersupply, where I finally had the presence of mind to
> stand UP instead of knocking my head against the equipment, again.
> Luckily, this time, I had rubber soled tennis shoes on and the scaring
> was minimal. Can't say the same for my right thumb and left palm...
> right thumb was exposed to the 600v DC... right palm had the D-104 in it.
>
> I will continue to work with tube-type rigs, but I'm -never- going to
> stick my hands, or any other part of my anatomy near an energized HV
> circuit, ever again.
>
> --
> 73 = Best Regards,
> -Geoff/W5OMR
>
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

# 3233. BC-610E forsale with accessories

Yahoo group: T-368_BC-610
Date: 2008-06-17 19:54:30 UTC
From: Mikhael (Mike) Brown
Topic: 3233  Message: 3233

I have a BC-610-E for sale with the following:

BC-614 Speech Amp
BC-939 Tuner
JB-70 Junction Box
all coils from 160 meters up
all Tuning Units from 160 meters up
BX-34 crystal box
Some Crystals for 160, 80 and 40 meters
KY-116 leg iron and T-50 mic
With all tubes
Spare Tl-250
Original Manual

I located am in Oakhurst, Ca, 50 miles north of Fresno.

Selling it all as one package, PU only, unless you want to arrange
packing and shipping.

Pictures available, will email them if you drop me a message.

Contact me offline:
Mike, N6WIG
mikhael@...

# 3234. Re: [T-368_BC-610] BC-610E forsale with accessories

Yahoo group: T-368_BC-610
Date: 2008-06-17 20:02:16 UTC
From: rbethman
Topic: 3233  Message: 3234

Hi Mike,

We've BEEN reading your posts!

It is just:

1) I'm in Virginia - Too far to come pick up! Fuel makes it
prohibitive EVEN before the BIG rise!

2) I too am downsizing. Marching orders from delightful, wonderful,
and (so far) understanding XYL of 38 years! *Thin the herd!"

Bob - N0DGN

Mikhael (Mike) Brown wrote:
>
> I have a BC-610-E for sale with the following:
>
> BC-614 Speech Amp
> BC-939 Tuner
> JB-70 Junction Box
> all coils from 160 meters up
> all Tuning Units from 160 meters up
> BX-34 crystal box
> Some Crystals for 160, 80 and 40 meters
> KY-116 leg iron and T-50 mic
> With all tubes
> Spare Tl-250
> Original Manual
>
> I located am in Oakhurst, Ca, 50 miles north of Fresno.
>
> Selling it all as one package, PU only, unless you want to arrange
> packing and shipping.
>
> Pictures available, will email them if you drop me a message.
>
> Contact me offline:
> Mike, N6WIG
> mikhael@...
>
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

# 3235. Top panel access hatch interlocks

Yahoo group: T-368_BC-610
Date: 2008-06-17 20:34:45 UTC
From: rbethman
Topic: 3235  Message: 3235

I found by accident another reason for jumpering THOSE interlocks.

It has NOTHING to do with placing one's hands in there either!

I was using the BC-939 with the "long wire" ability. I slipped off one of the knobs trying to rapidly get it tuned prior to final MELTDOWN, - AFTER - setting the matching device to the presets, and banged the top of the entirely closed BEAST.

Yep! Sure as the day is long, one of the two panels moved JUST enough to cause the interlock to come into play. It blew the BIG front fuse just as it is supposed to. Now I don't know about YOU folks, BUT I firmly believe these OLD Beasts may well develop other MAJOR issues with terminating power under those conditions!

I "prefer" to turn off the Plate Power in a graceful manner by use of the switch. You CANNOT make a short trip to a "RADIO" shop and obtain replacement parts!

I'll leave MY interlocks JUMPERED, my HANDS outside - UNLESS I'm performing NECESSARY checks and adjustments.

I also HAD to perform voltage checks, (HORRORS!), with the BACK cover off and a "temporary" interlock work-around, because the 100THs were unbalanced in their filament illumination. This indicated that I *NEEDED* to measure voltage while ENERGIZED. This time it was ONLY filament power.

The problem was either a loose connection or corrosion. Checked the voltage, located WHERE, and fixed the problem AFTER turning off the BEAST along with REMOVING the power cable, letting the bleeders work AND the use of a shorting stick! Which *should* be an FCC requirement to be on the premises and readily available!

Bob - N0DGN

--
Bob - N?DGN

# 3236. Re: [SPAM][T-368_BC-610] The Fault Issue

Yahoo group: T-368_BC-610
Date: 2008-06-17 21:27:07 UTC
From: Alan Morriss
Topic: 3236  Message: 3236

hello bob, you are right ! the trouble was that i left it not working for weeks. this afternoon i disconnected the plug on the rear of the 610 which goes to the jb 70 when the red ht light was on as usual. it made no difference, so the trouble must be in the tx.
i put a couple of leads into the top socket instead of the jumper, and could deactivate the ht that way, but the relay was still energised, as the light came on as soon as i re connected the leads.
i was still only getting 50 ma plate current with a properly matched antenna, with a vswr of 1.5 to 1.however.
after a bit the plate current suddenly disappeared altogether, but the light was on. as i couldnt get it on
again i gave up and went home for tea ! it is driving me mad . one problem id that in the shelter there is very little room behind the tx to enable it to be worked on. oh well, it keeps me busy. cheers, alan
----- Original Message -----
From: rbethman
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, June 17, 2008 7:10 PM
Subject: [SPAM][T-368_BC-610] The Fault Issue

Now on to the "fault".

The inclusion of "I removed the top to be coated.", has ABSOLUTELY nothing to do with what is wrong.

Alan further states that he took a BC-348 out of line because "it let its *smoke* out" - probably has a signifiicant bearing on what is causing the fault!

We've talked about the contacts sticking on the relay, the proposed method of disconnecting cables until we get down to just the BC-614 and the BC-610 is a VERY good and valid process. This "almost" HAS to be a cabling/connector issue whereupon something is suddenly grounded that isn't supposed to be OR "some" leakage current that is keeping things "stuck".

Question #1 - Red Lamp. Which one? Is this the Plate Power Lamp? Is it on the JB-70? ( I do not have one - so I do NOT know if it does - BUT - it would make sense that it does since it ALSO controls the PE-95 remotely.)

Question #2 - Which SPECIFIC switch are you cycling off then on to make the red lamp go out?

Bob - N0DGN

[Non-text portions of this message have been removed]

# 3237. Re: [T-368_BC-610] Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-17 21:35:01 UTC
From: Alan Morriss
Topic: 3174  Message: 3237

hello max, well, i have had a busy afternoon.i disconnected the plug for the jb 70 connector from the back of the tx whilst the red light was on, and it made no difference, so the fault must be in the tx. i put a couple of leads into the top socket in place of the jumper, so could put out the red light if necessary. the relay however remained energised, but the light went out.
still only 50 ma plate current with a 1.5 to 1 vswr. after a bit the plate current disappeared altogether, and i gave up in the end. it has me baffled. cheers, alan
----- Original Message -----
From: M0GHQ
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, June 17, 2008 5:38 PM
Subject: Re: [T-368_BC-610] Re:fault

Alan, I have done some tests here this afternoon with my SCR-499, BC-610E serial 4427, input votage114.7v on standby and 108.2v on transmit full power (4kva Variac). Coil is swinging type with inner coil at roughly 45 degrees. I have run it into the ME-165G dummy load and results were PA current 220mA, PA grid 65mA, power output on 3.615mhz was 275W. Into the dipole (doublet) via the Johnson Kilowatt matchbox PA current is 190mA and PA grid is 65mA. output is also 275w carrier. SWR is 1.0:1.
The modulator bias is set at 40mA and PA filament is 5.3v the int amp plate is 150mA in both instances and the int amp grid is 6mA.
The JBox settings are:- both RX disabling ON, Trans OFF, cw sidetone OFF, battery PE-95, rx output NORMAL.
I have a full set of both coil types and coils also to 1.0MHZ. they all came with this set which is complete with all units, cabinets and seats etc. date manufactured is Sept/Nov 1944.
73 Max M0GHQ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3238. Re: [SPAM][T-368_BC-610] T-368_BC-610] Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-17 21:39:23 UTC
From: Alan Morriss
Topic: 3238  Message: 3238

h1 jim, the matchbox presents a 50 ohm load. the manual for the bc 610 says in the doublet section that the impedance of a dipole at centre is 75 ohms so the tx gives the same.hope that is clearer. cheers, alan
----- Original Message -----
From: James M. Walker
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, June 17, 2008 2:12 PM
Subject: [SPAM][T-368_BC-610] T-368_BC-610] Re:fault

In this case I am assuming you mean the manual for the Johnson Matchbox.
The matchbox accepts a "50 ohm input and matches to antennas having a range
of
50 - 1200 ohms for balanced lines and 50 to 2000 ohms for unbalanced lines",
This is adding to the confusion of your statement below.

Please clarify.
Jim
WB2FCN

----- Original Message -----
From: "Alan Morriss" <mohawk@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Tuesday, June 17, 2008 4:07 AM
Subject: Re: [SPAM]Re: [SPAM]Re: [T-368_BC-610] Re:fault

> hi, yes, the manual says 75. i think that as the johnson matchbox presents
> 50 , that may be the cause. it really does not matter, as the coil does
> not get hot, and it keeps the power legal ! i can off tune the matchbox a
> little to get the proper current, but the vswr goes up to around 4:1
> cheers, alan
> ----- Original Message -----
> From: Charlie's Place
> To: T-368_BC-610@yahoogroups.com
> Sent: Tuesday, June 17, 2008 12:20 AM
> Subject: [SPAM]Re: [SPAM]Re: [T-368_BC-610] Re:fault
>
>
> The out put impedance of the 610 is not 50 ohms...Still you should have a
> bunch into 50....The tube sounds iffy
> Throw the thing off resonance and see how much the tube will put
> out....Charlie
>
> He prayeth well,who loveth well,Both man and Bird and Beast.....
> "Where am I? Where am I going? Why am I in a handbasket?"
>
> --- On Mon, 6/16/08, James M. Walker <chejmw@...> wrote:

> From: James M. Walker <chejmw@...>
> Subject: Re: [SPAM]Re: [T-368_BC-610] Re:fault
> To: T-368_BC-610@yahoogroups.com
> Date: Monday, June 16, 2008, 5:13 PM
>
> Please describe the "Doublet" system that you are using! Also another
> query,
>
> what sort of plate current are you getting when you tune the transmitter
>
> into
>
> a 50 ohm load?
>
> I have been reading the earlier messages about this problem, and I have a
>
> sneaking
>
> suspicion that you have left something important to the diagnosis of the
>
> problem
>
> out.
>
> Also, another question what is the AC power source and level to the
>
> "System",
>
> Just interested.
>
> Jim
>
> WB2FCN
>
> ----- Original Message -----
>
> From: "Alan Morriss" <mohawk@clara. co.uk>
>
> To: <T-368_BC-610@ yahoogroups. com>
>
> Sent: Monday, June 16, 2008 5:38 PM
>
> Subject: Re: [SPAM]Re: [T-368_BC-610] Re:fault
>
> > hello george, i carefully did the contacts today with a diamond
> file. they
>
> > are perfect, and i also lubricated the moving parts. it all made no
>
> > difference.

>
> > another thing. i am feeding the doublet via a johnson kilowatt
> matchbox.
>
> > the vswr is around 1.5 to1.
>
> >
>
> > i am only getting around 100 ma plate current at max coupling of the
> link.
>
> > cheers, alan
>
> > ----- Original Message -----
>
> > From: george portell
>
> > To: T-368_BC-610@ yahoogroups. com
>
> > Sent: Monday, June 16, 2008 2:55 PM
>
> > Subject: [SPAM]Re: [T-368_BC-610] Re:fault
>
> >
>
> >
>
> >
>
> > just a suggestion,some time ago i had a problem ,on one of my 610`s
> with
>
> > the hv staying keyed up.the problem in my case was one of the
> contacts had
>
> > a arc burr on the side of the contact and it would cause the ry to
> stick
>
> > in the on position .i redressed the contact carefully and removed
> the
>
> > burr,the problem is gone now for abt 5 yrs.bro geo w8qbg.
>
> >
>
> >
>
> > --- On Mon, 6/16/08, Alan Morriss <mohawk@clara.
> co.uk> wrote:
>
> >
>
> >
>
> > From: Alan Morriss <mohawk@clara. co.uk>
>

> > Subject: Re: [T-368_BC-610] Re:fault
>
> > To: T-368_BC-610@ yahoogroups. com
>
> > Date: Monday, June 16, 2008, 5:35 AM
>
> >
>
> > hello joe. i am going to try a good ground . there was a small
> residual
>
> > voltage when i checked it, and i think this may be the problem. i
> only
>
> > just thought of that ! i checked cleaned and lubricated the ry1
> relay, to
>
> > na avail. cheers, alan
>
> > ----- Original Message -----
>
> > From: Joe Foley
>
> > To: T-368_BC-610@ yahoogroups. com
>
> > Sent: Monday, June 16, 2008 2:35 AM
>
> > Subject: Re: [T-368_BC-610] Re:fault
>
> >
>
> > Alan,
>
> >
>
> > Try checking the coil terminals of that relay when it is keyed, if
> it
>
> > still has voltage on it when you release the button then you're
> getting a
>
> > feed back from some where that is keeping it picked.& nbsp;
> Of course,
>
> > if there is no voltage on the coil terminal then it is a sticky
> relay.
>
> >
>
> > The T-368 has a relay that keeps the transmitter on for a few

>
> > milliseconds to keep from cutting short the last Morse code element
> sent,
>
> > I don't know if the BC-610 has that or not but it may be a source,
> or
>
> > example, of that type of problem.
>
> >
>
> > Otherwise it could be something completely unexpected causing a
> feedback
>
> > on that control circuit, feel free to suspect everything.
>
> >
>
> > Joe
>
> >
>
> > hello joe, that sounds promising. i tried disconnecting the mike,
> but no
>
> > different. i am suspicious of sticking contacts for the main ht
> supply, as
>
> > it worked perfectly until i left it unused for some weeks. one other
>
> > thing, i am now using a johnson kilowatt matchbox to couple to the
>
> > doublet, and even with the link parallel to the windings in the tank
> coil,
>
> > i only get 150 ma plate current. the vswr is about 1.5 to 1, so it
> should
>
> > do better. any ideas ? cheers, alan
>
> > .
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# 3239. Re: [SPAM]Re: [SPAM]Re: [SPAM]Re: [T-368_BC-610] Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-17 21:41:11 UTC
From: Alan Morriss
Topic: 3239  Message: 3239

hi,the rating is 5kva, and it hardly gets warm after an hour of running. alan
----- Original Message -----
From: James M. Walker
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, June 17, 2008 1:51 PM
Subject: [SPAM]Re: [SPAM]Re: [SPAM]Re: [T-368_BC-610] Re:fault

By describe the AC power I mean levels and capability. "Hefty" I understand,
what are the ratings?

----- Original Message -----
From: Alan Morriss

oh, i forgot. i am using a hefty transformer originally used foe a link trainer. it is constant voltage at 115v. everything ran perfectly before i sent the top cover away for coating ! alan

----- Original Message -----
From: James M. Walker
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, June 17, 2008 12:13 AM
Subject: [SPAM]Re: [SPAM]Re: [T-368_BC-610] Re:fault

Please describe the "Doublet" system that you are using! Also another query,
what sort of plate current are you getting when you tune the transmitter
into
a 50 ohm load?

I have been reading the earlier messages about this problem, and I have a
sneaking
suspicion that you have left something important to the diagnosis of the
problem
out.

Also, another question what is the AC power source and level to the
"System",
Just interested.
Jim
WB2FCN

----- Original Message -----
From: "Alan Morriss" <mohawk@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Monday, June 16, 2008 5:38 PM
Subject: Re: [SPAM]Re: [T-368_BC-610] Re:fault

> hello george, i carefully did the contacts today with a diamond file. they
> are perfect, and i also lubricated the moving parts. it all made no
> difference.
> another thing. i am feeding the doublet via a johnson kilowatt matchbox.
> the vswr is around 1.5 to1.
>
> i am only getting around 100 ma plate current at max coupling of the link.
> cheers, alan
> ----- Original Message -----
> From: george portell
> To: T-368_BC-610@yahoogroups.com
> Sent: Monday, June 16, 2008 2:55 PM
> Subject: [SPAM]Re: [T-368_BC-610] Re:fault
>
>
> just a suggestion,some time ago i had a problem ,on one of my 610`s with
> the hv staying keyed up.the problem in my case was one of the contacts had
> a arc burr on the side of the contact and it would cause the ry to stick
> in the on position .i redressed the contact carefully and removed the
> burr,the problem is gone now for abt 5 yrs.bro geo w8qbg.
>
> --- On Mon, 6/16/08, Alan Morriss <mohawk@...> wrote:
>
> From: Alan Morriss <mohawk@...>
> Subject: Re: [T-368_BC-610] Re:fault
> To: T-368_BC-610@yahoogroups.com
> Date: Monday, June 16, 2008, 5:35 AM
>
> hello joe. i am going to try a good ground . there was a small residual
> voltage when i checked it, and i think this may be the problem. i only
> just thought of that ! i checked cleaned and lubricated the ry1 relay, to
> na avail. cheers, alan
> ----- Original Message -----
> From: Joe Foley
> To: T-368_BC-610@ yahoogroups. com
> Sent: Monday, June 16, 2008 2:35 AM
> Subject: Re: [T-368_BC-610] Re:fault
>
> Alan,
>
> Try checking the coil terminals of that relay when it is keyed, if it
> still has voltage on it when you release the button then you're getting a
> feed back from some where that is keeping it picked.  Of course,
> if there is no voltage on the coil terminal then it is a sticky relay.
>
> The T-368 has a relay that keeps the transmitter on for a few
> milliseconds to keep from cutting short the last Morse code element sent,
> I don't know if the BC-610 has that or not but it may be a source, or
> example, of that type of problem.
>
> Otherwise it could be something completely unexpected causing a feedback

> on that control circuit, feel free to suspect everything.
>
> Joe
>
> hello joe, that sounds promising. i tried disconnecting the mike, but no
> different. i am suspicious of sticking contacts for the main ht supply, as
> it worked perfectly until i left it unused for some weeks. one other
> thing, i am now using a johnson kilowatt matchbox to couple to the
> doublet, and even with the link parallel to the windings in the tank coil,
> i only get 150 ma plate current. the vswr is about 1.5 to 1, so it should
> do better. any ideas ? cheers, alan
> .
>
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# 3240. Re: BC-610 fault

Yahoo group: T-368_BC-610
Date: 2008-06-17 21:49:26 UTC
From: M0GHQ
Topic: 3240  Message: 3240

----- Original Message -----
From: AirRadio
To: Alan Morriss
Sent: Tuesday, June 17, 2008 10:47 PM
Subject: BC-610 fault

Alan, I was just reading the comment about removing the cable to the speech amp (you say JB) but it must be a cable to one of the interlocks shorting to ground somewhere or the interlock switch shorting to ground, looking at the circuit diagram it is taking the ac line to ground and turning the light on as well as activating the relay. check sw5 on the rear of the modulator apron unlikely unless you have the ac supply inverted and the two on the top cover. sw2 and sw13. check for chafing where the cables pass through the clips at the corners. regards Max

[Non-text portions of this message have been removed]

# 3241. Re: [SPAM][T-368_BC-610] T-368_BC-610] Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-17 21:51:09 UTC
From: rbethman
Topic: 3238  Message: 3241

Alan,

Now I "see" where you are getting the numbers a "bit" confused.

A doublet, (dipole) is indeed about 73 ohms at the FEEDPOINT in the middle where you connect the coaxial cable.

However, that does NOT translate to 75 ohms at the transmitter end of the coaxial cable.

The only thing that happens, is that there IS a "slight" impedance bump AT the feedpoint.

I have an antenna analyzer here. I feed my dipoles/doublets with with RG-213 or Belden RG-8. When I put the analyzer on the coaxial connector in the shack, I read flat 1:1 with it showing 50 Ohms.

It can be a "bit" confusing, however that is how dipoles/doublets have ALWAYS worked from MY experience of almost 30 years in this hobby.

Bob - N0DGN

Alan Morriss wrote:
>
> h1 jim, the matchbox presents a 50 ohm load. the manual for the bc 610
> says in the doublet section that the impedance of a dipole at centre
> is 75 ohms so the tx gives the same.hope that is clearer. cheers, alan
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

# 3242. Re: [SPAM]Re: [SPAM]Re: [SPAM]Re: [T-368_BC-610] Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-17 21:52:21 UTC
From: Alan Morriss
Topic: 3239 Message: 3242

hello jim, well i define a dipole as one which is cut to a particular frequency, and fed with a 75 ohm feeder. a doublet thr term used in the manual is supposed to be set for the frequency in use. however they can be of any length with equal legs, if fed with twin feeder of a high impedance. the feeder as used in the scr 399 is about 3/4 inch diameter coax of 75 ohm impedance.
it worked perfectly without any atu but i dont like to leave it exposed to the weather permanently, so i used the 450 ohm ribbon feeder because i picked up a kilowatt matchbox. i expect i will be about 80 years old before i get it all going ! cheers, alan
----- Original Message -----
From: James M. Walker
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, June 17, 2008 1:49 PM
Subject: [SPAM]Re: [SPAM]Re: [SPAM]Re: [T-368_BC-610] Re:fault

Alan,
The statement here is confusing, "Must be the English to English"
translation.
Am I correct in this regard? First you are using a (dipole) you say
"Doublet",
which is fed with a 450 ohm feed-line, and cut for operation at 3615.

Next the statement is: "that you needed to match the 450 ohm feeder to a
proper
coax feeder", and this is accomplished by using a Match-box, I am assuming
johnson type, as per the mention of the RX antenna connection.

If this is a johnson matchbox, are you also using the T/R relay capabilities
of the
matchbox? Then I would ask if the output of the BC-610 is going to the
match-box and thence the antenna.

I would also restate my original question, have you in fact tuned directly
into
a 50 ohm load to determine that the transmitter is properly working?

Curiosity abounds OM!
Jim
WB2FCN

----- Original Message -----
From: "Alan Morriss" <mohawk@...>

> hello, the doublet is fed with 450 ohm feeder and is cut for 3615
> accurately. the only way it matched was using the proper coax feeder .
> however the matchbox does a lovely job and gives rx antenna connection.
> the plate current behaves normally when off resonance. oh well, i suppose
> it will keep me busy in my old age ! cheers alan

[Non-text portions of this message have been removed]

# 3243. Re: [T-368_BC-610] Re: BC-610 fault

Yahoo group: T-368_BC-610
Date: 2008-06-17 22:10:44 UTC
From: rbethman
Topic: 3240  Message: 3243

Alan,

As Max has pointed out, either the interlock is "somehow" providing leakage current, or SOMETHING in the harness is chafing, OR where the terminal strips for each deck is has gotten something rubbing.

Bob - N0DGN

M0GHQ wrote:
>
>
> ----- Original Message -----
> From: AirRadio
> To: Alan Morriss
> Sent: Tuesday, June 17, 2008 10:47 PM
> Subject: BC-610 fault
>
> Alan, I was just reading the comment about removing the cable to the
> speech amp (you say JB) but it must be a cable to one of the
> interlocks shorting to ground somewhere or the interlock switch
> shorting to ground, looking at the circuit diagram it is taking the ac
> line to ground and turning the light on as well as activating the
> relay. check sw5 on the rear of the modulator apron unlikely unless
> you have the ac supply inverted and the two on the top cover. sw2 and
> sw13. check for chafing where the cables pass through the clips at the
> corners. regards Max
>
> [Non-text portions of this message have been removed]
>
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

# 3244. Output Impedence on BC 6-10 (James M. Walker

Yahoo group: T-368_BC-610
Date: 2008-06-17 22:10:51 UTC
From: Charlie's Place
Topic: 3244  Message: 3244

OK James.... My manual says to use a 73 OHM dummy Load...Always got more antenna current and less orange on the plate....In Thailand we just used dipoles ,so if you are using a tuning unit, I just do not Know...Smile Charlie

He prayeth well,who loveth well,Both man and Bird and Beast.....
"Where am I? Where am I going? Why am I in a handbasket?"

# 3245. Re: [T-368_BC-610] Output Impedence on BC 6-10 (James M. Walker

Yahoo group: T-368_BC-610
Date: 2008-06-17 22:19:08 UTC
From: rbethman
Topic: 3244  Message: 3245

Charlie,

That's interesting! The ME-165 is WITHOUT question a 50 Ohm dummy load.

Please enlighten us as to WHERE in the manual it says a 73 ohm dummy load.

Bob - N0DGN

Charlie's Place wrote:
>
> OK James.... My manual says to use a 73 OHM dummy Load...Always got
> more antenna current and less orange on the plate....In Thailand we
> just used dipoles ,so if you are using a tuning unit, I just do not
> Know...Smile Charlie
>
> He prayeth well,who loveth well,Both man and Bird and Beast.........
> "Where am I? Where am I going? Why am I in a handbasket?"
>
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

# 3246. Re: [T-368_BC-610] Output Impedence on BC 6-10 (James M. Walker

Yahoo group: T-368_BC-610
Date: 2008-06-17 22:31:54 UTC
From: M0GHQ
Topic: 3244  Message: 3246

Bob, Might that explain the slight difference in plate current when I switched from the ME-165 to the matched dipole antenna at 1.0:1 through the Johnson Matchbox? 73 Max M0GHQ

----- Original Message -----
From: rbethman
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, June 17, 2008 11:19 PM
Subject: Re: [T-368_BC-610] Output Impedence on BC 6-10 (James M. Walker

Charlie,

That's interesting! The ME-165 is WITHOUT question a 50 Ohm dummy load.

Please enlighten us as to WHERE in the manual it says a 73 ohm dummy load.

Bob - N0DGN

Charlie's Place wrote:
>
> OK James.... My manual says to use a 73 OHM dummy Load...Always got
> more antenna current and less orange on the plate....In Thailand we
> just used dipoles ,so if you are using a tuning unit, I just do not
> Know...Smile Charlie
>
> He prayeth well,who loveth well,Both man and Bird and Beast.....
> "Where am I? Where am I going? Why am I in a handbasket?"
>
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3247. Re:[T-368_BC-610] The Fault Issue

Yahoo group: T-368_BC-610
Date: 2008-06-17 22:33:42 UTC
From: wa5cab@cs.com
Topic: 3226  Message: 3247

Roger,

Minor point but the 8-wire cable that plugs into the rear of the BC-610-E goes to the BC-614.

What is the Order Number and Serial Number of your transmitter? I was going to have a quick look at the schematic (since I had gone to the trouble to locate and bring downstairs the two early manuals and confirm when the adjustable link coils showed up) and noticed in the front of one of them that there were production changes made in the circuit you're apparently having trouble with.

In a message dated 6/17/2008 4:27:35 PM Central Daylight Time,
mohawk@... writes:
> hello bob, you are right ! the trouble was that i left it not working for
> weeks. this afternoon i disconnected the plug on the rear of the 610 which
> goes to the jb 70 when the red ht light was on as usual. it made no difference,
> so the trouble must be in the tx.
> i put a couple of leads into the top socket instead of the jumper, and could
> deactivate the ht that way, but the relay was still energised, as the light
> came on as soon as i re connected the leads.
> i was still only getting 50 ma plate current with a properly matched
> antenna, with a vswr of 1.5 to 1.however.
> after a bit the plate current suddenly disappeared altogether, but the light
> was on. as i couldnt get it on
> again i gave up and went home for tea ! it is driving me mad . one problem
> id that in the shelter there is very little room behind the tx to enable it
> to be worked on. oh well, it keeps me busy. cheers, alan
>

Robert Downs - Houston

[Non-text portions of this message have been removed]

# 3248. Re: [T-368_BC-610] Output Impedence on BC 6-10 (James M. Walker

Yahoo group: T-368_BC-610
Date: 2008-06-17 22:41:35 UTC
From: rbethman
Topic: 3244  Message: 3248

Max,

That is ONE possibility. The other may simply be that the ME-165
function switch OR the resistors need to be reseated.

The dummy load in the ME-165 IS 50 ohms.

The length in feedline, coaxial connectors, and the above WILL VERY
slightly indicate a MINOR variation in readings.

Bob - N0DGN

M0GHQ wrote:
>
> Bob, Might that explain the slight difference in plate current when I
> switched from the ME-165 to the matched dipole antenna at 1.0:1
> through the Johnson Matchbox? 73 Max M0GHQ
>
> ----- Original Message -----
> From: rbethman
> To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> Sent: Tuesday, June 17, 2008 11:19 PM
> Subject: Re: [T-368_BC-610] Output Impedence on BC 6-10 (James M. Walker
>
> Charlie,
>
> That's interesting! The ME-165 is WITHOUT question a 50 Ohm dummy load.
>
> Please enlighten us as to WHERE in the manual it says a 73 ohm dummy load.
>
> Bob - N0DGN
>
> Charlie's Place wrote:
> >
> > OK James.... My manual says to use a 73 OHM dummy Load...Always got
> > more antenna current and less orange on the plate....In Thailand we
> > just used dipoles ,so if you are using a tuning unit, I just do not
> > Know...Smile Charlie
> >
> > He prayeth well,who loveth well,Both man and Bird and Beast.........
> > "Where am I? Where am I going? Why am I in a handbasket?"
> >
> >
>
> --
> Bob - NØDGN

>
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>
> [Non-text portions of this message have been removed]
>
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

# 3249. Dummy Load for the 610

Yahoo group: T-368_BC-610
Date: 2008-06-17 22:48:13 UTC
From: Charlie's Place
Topic: 3249  Message: 3249

TM-11-826

Download here...

http://w5jgv.com/downloads/BC-610-E-I.pdf

Page 23

He prayeth well,who loveth well,Both man and Bird and Beast.....
"Where am I? Where am I going? Why am I in a handbasket?"

# 3250. Re: [T-368_BC-610] Output Impedence of BC-610

Yahoo group: T-368_BC-610
Date: 2008-06-17 22:55:33 UTC
From: wa5cab@cs.com
Topic: 3250  Message: 3250

Hey, guys (and not picking on Bob or Charlie, on not only them), there are at least 14 different manuals that cover various models of the BC-610 or transmitter plus associated accessory equipment (i.e., the Radio Set). I say "at least" because the 14 I have may not be all that were ever printed.

In a message dated 6/17/2008 5:19:30 PM Central Daylight Time,
rbethman@... writes:
> That's interesting! The ME-165 is WITHOUT question a 50 Ohm dummy load.
>
> Please enlighten us as to WHERE in the manual it says a 73 ohm dummy load.
>
> Bob - N0DGN
>
> Charlie's Place wrote:
> >
> >OK James.... My manual says to use a 73 OHM dummy Load...Always got
> >more antenna current and less orange on the plate....In Thailand we
> >just used dipoles ,so if you are using a tuning unit, I just do not
> >Know...Smile Charlie
>

Robert Downs - Houston

[Non-text portions of this message have been removed]

# 3251. re. BC-610 fault

Yahoo group: T-368_BC-610
Date: 2008-06-17 23:12:44 UTC
From: M0GHQ
Topic: 3251  Message: 3251

Alan, I have sat down and looked at this very carefully, RY1 and RY4 the antenna relay are in parallel with each other, I think you may have a problem not in the transmitter but in the Matchbox, disconnect the Matchbox and go back to the BC-939 and see if the problem resolves itself. Maybe that someone has altered the relay or switching arangement in the Matchbox and upsetting the relays, that would also explain why you are getting low PA current if there was a fault in the Matchbox and why the BC-342 smoked up maybe the Matchbox is not switching properly and the smoke was RF in the receiver that was supposed to be going to the antenna and in fact ended up in the BC-342.
Is the antenna relay RY4 activating as well or did you disconnect it when you connected the Matchbox? , Regards Max

[Non-text portions of this message have been removed]

# 3252. Re: [T-368_BC-610] Output Impedence of BC-610

Yahoo group: T-368_BC-610
Date: 2008-06-17 23:25:01 UTC
From: rbethman
Topic: 3250  Message: 3252

I'll agree on that one!

The manual that Charlie provided the link to does indeed say "73 ohm 400W noninductive dummy load".

Yet, the ME-165 manual states that it is a 50/51 ohm 600W non-inductive dummy load, TM 11-6625-333-15.

So I do NOT know if there is a mis-print, or if Charlie's manual is outdated with an error. My "hard copy" TM 11-826 IS definitively a "later" printing including TO designation, and it is labeled Dept of the Army and Dept. of the Air Force.

So whom knows?

I know without question that MY -I and my T-213 want and love 50 ohms.

Bob - N0DGN

wa5cab@... wrote:
>
> Hey, guys (and not picking on Bob or Charlie, on not only them), there
> are at
> least 14 different manuals that cover various models of the BC-610 or
> transmitter plus associated accessory equipment (i.e., the Radio Set).
> I say "at
> least" because the 14 I have may not be all that were ever printed.
>
> In a message dated 6/17/2008 5:19:30 PM Central Daylight Time,
> rbethman@... <mailto:rbethman%40comcast.net> writes:
> > That's interesting! The ME-165 is WITHOUT question a 50 Ohm dummy load.
> >
> > Please enlighten us as to WHERE in the manual it says a 73 ohm dummy
> load.
> >
> > Bob - N0DGN
> >
> > Charlie's Place wrote:
> > >
> > >OK James.... My manual says to use a 73 OHM dummy Load...Always got
> > >more antenna current and less orange on the plate....In Thailand we
> > >just used dipoles ,so if you are using a tuning unit, I just do not
> > >Know...Smile Charlie
> >
>
> Robert Downs - Houston
>

>
> [Non-text portions of this message have been removed]
>
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

# 3253. Re: [T-368_BC-610] Output Impedence of BC-610

Yahoo group: T-368_BC-610
Date: 2008-06-17 23:43:20 UTC
From: rbethman
Topic: 3250 Message: 3253

The manual that Charlie provided the link to does indeed say "73 ohm
400W noninductive dummy load".

Yet, the ME-165 manual states that it is a 50/51 ohm 600W non-inductive
dummy load, TM 11-6625-333-15.

My TM 11-826, in the SAME paragraph number says something ENTIRELY
different!

It states: The dummy antenna consists of a series connected 146 ohm,
400-watt resistot and a 50 uuf capacitor.

So whom knows?

I know without question that MY -I and my T-213 want and love 50 ohms.

Bob - N0DGN

wa5cab@... wrote:
>
> Hey, guys (and not picking on Bob or Charlie, on not only them), there
> are at
> least 14 different manuals that cover various models of the BC-610 or
> transmitter plus associated accessory equipment (i.e., the Radio Set).
> I say "at
> least" because the 14 I have may not be all that were ever printed.
>
> In a message dated 6/17/2008 5:19:30 PM Central Daylight Time,
> rbethman@... <mailto:rbethman%40comcast.net> writes:
> > That's interesting! The ME-165 is WITHOUT question a 50 Ohm dummy load.
> >
> > Please enlighten us as to WHERE in the manual it says a 73 ohm dummy
> load.
> >
> > Bob - N0DGN
> >
> > Charlie's Place wrote:
> > >
> > >OK James.... My manual says to use a 73 OHM dummy Load...Always got
> > >more antenna current and less orange on the plate....In Thailand we
> > >just used dipoles ,so if you are using a tuning unit, I just do not
> > >Know...Smile Charlie
> >
>
> Robert Downs - Houston
>
>

> [Non-text portions of this message have been removed]
>
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

# 3254. ME-165 in line

Yahoo group: T-368_BC-610
Date: 2008-06-18 00:08:13 UTC
From: rbethman
Topic: 3254  Message: 3254

Max,

I do NOT leave my ME-165 in the path from the BEAST to the antenna. The ONLY time I have it there is for testing.

I use a Bird with peak reading built-in to leave in the path for monitoring output power and SWR. I monitor output waveform with an SM-220 w/BP-8.

The ME-165 just doesn't have enough power reading ability, and really isn't up to the SWR ability of my Bird. All I have to do with the Bird is rotate the element. Reflected power becomes VERY obvious. I've never even seen it wiggle.

I have to setup another radio with intentional tuning off resonance to see the reflected power come into play with the Bird.

Bob - N0DGN

--
Bob - N?DGN

# 3255. Re: [T-368_BC-610] Output Impedence of BC-610

Yahoo group: T-368_BC-610
Date: 2008-06-18 00:19:57 UTC
From: wa5cab@cs.com
Topic: 3250  Message: 3255

Bob,

ME-165/G is a generation newer than the BC-610. It was made for use with T-368/URT, which does have a nominal 50 ohm output. It was never intended to be used with the 70 ohm output HT-4, BC-610 or T-213/GRC-26.

In a message dated 6/17/2008 6:25:24 PM Central Daylight Time, rbethman@... writes:
> I'll agree on that one!
>
> The manual that Charlie provided the link to does indeed say "73 ohm
> 400W noninductive dummy load".
>
> Yet, the ME-165 manual states that it is a 50/51 ohm 600W non-inductive
> dummy load, TM 11-6625-333-15.
>
> So I do NOT know if there is a mis-print, or if Charlie's manual is
> outdated with an error. My "hard copy" TM 11-826 IS definitively a
> "later" printing including TO designation, and it is labeled Dept of the
> Army and Dept. of the Air Force.
>

Robert Downs - Houston

[Non-text portions of this message have been removed]

# 3256. Holly Cow!

Yahoo group: T-368_BC-610
Date: 2008-06-18 00:29:02 UTC
From: Ron.K3PID
Topic: 3256  Message: 3256

66 emails in one day!!! I seldom get more than 1 or 2 and some days none.... What happened?? Sun Spots? Full Moon? A real cold spring and everyone has had to stay inside?

K3PID :>)
Ron H
--
This outgoing email was scanned by
Norton Antivirus Corp. Edition
and found to be virus free!

[Non-text portions of this message have been removed]

# 3257. Re: [T-368_BC-610] Output Impedence of BC-610

Yahoo group: T-368_BC-610
Date: 2008-06-18 00:32:21 UTC
From: w7qho@aol.com
Topic: 3250  Message: 3257

In a message dated 6/17/08 4:43:45 PM, rbethman@... writes:

> It states: The dummy antenna consists of a series connected 146 ohm,
> 400-watt resistot and a 50 uuf capacitor.
>

Sounds like something that would be connected to the output of the
BC-939.........

Dennis D. W7QHO
Glendale, CA

**********
Gas prices getting you down? Search AOL Autos for
fuel-efficient used cars.
(http://autos.aol.com/used?ncid=aolaut00050000000007)

[Non-text portions of this message have been removed]

# 3258. Re: [T-368_BC-610] Holly Cow!

Yahoo group: T-368_BC-610
Date: 2008-06-18 00:36:00 UTC
From: rbethman
Topic: 3256  Message: 3258

Ron,

You just *NEVER* know WHAT can get any one specific list to run HOT!

It just happens to be THIS one's turn.

Bob - N0DGN

Ron.K3PID wrote:
>
> 66 emails in one day!!! I seldom get more than 1 or 2 and some days
> none.... What happened?? Sun Spots? Full Moon? A real cold spring and
> everyone has had to stay inside?
>
> K3PID :>)
> Ron H
>
> .
>
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

# 3259. Re: [T-368_BC-610] Output Impedence of BC-610

Yahoo group: T-368_BC-610
Date: 2008-06-18 00:39:14 UTC
From: rbethman
Topic: 3250  Message: 3259

Dennis,

I left off the part starting with TRANSMITTER.

The ONLY thing EVER meant to go after the BC-939 is the designated whip
OR the specified "long wire" as listed in the tables OR the tuning cards.

Bob - N0DGN

w7qho@aol.com wrote:
>
>
> In a message dated 6/17/08 4:43:45 PM, rbethman@comcast.net
> <mailto:rbethman%40comcast.net> writes:
>
> > It states: The dummy antenna consists of a series connected 146 ohm,
> > 400-watt resistot and a 50 uuf capacitor.
> >
>
> Sounds like something that would be connected to the output of the
> BC-939.........
>
> Dennis D. W7QHO
> Glendale, CA
>
> **********
> Gas prices getting you down? Search AOL Autos for
> fuel-efficient used cars.
> (http://autos.aol.com/used?ncid=aolaut00050000000007
> <http://autos.aol.com/used?ncid=aolaut00050000000007>)
>
> [Non-text portions of this message have been removed]
>
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

# 3260. Re: [T-368_BC-610] Output Impedence of BC-610

Yahoo group: T-368_BC-610
Date: 2008-06-18 01:26:40 UTC
From: rbethman
Topic: 3250  Message: 3260

Robert,

I suspect based upon empirical data, namely the Bird wattmeter, the normal PA Current readings, AND my antenna analyzer, that BOTH my BC-610(I) and my T-213 load very happily load into 40mtr and 20 mtr dipoles fed with RG-213, that the BEASTS will load on a SPAN of impedances from 50 to 70ohms.

So we yet learn MORE about these wonderful old BAs!

Bob - N0DGN

wa5cab@... wrote:
>
> Bob,
>
> ME-165/G is a generation newer than the BC-610. It was made for use with
> T-368/URT, which does have a nominal 50 ohm output. It was never
> intended to be
> used with the 70 ohm output HT-4, BC-610 or T-213/GRC-26.
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

# 3261. Re: [T-368_BC-610] Response to comments

Yahoo group: T-368_BC-610
Date: 2008-06-18 02:47:17 UTC
From: george portell
Topic: 3224  Message: 3261

i completely agree with not tempting fate.i know of one gi that didnt make it back from korea ,he bought it while changing the pa coil in a 610,jumpering out the top cover interlockwas done at times ,not a good thing to d .73`s bro geo w8qbg.

--- On Tue, 6/17/08, rbethman <rbethman@...> wrote:

From: rbethman <rbethman@...>
Subject: Re: [T-368_BC-610] Response to comments
To: T-368_BC-610@yahoogroups.com
Date: Tuesday, June 17, 2008, 1:46 PM

Geoff.

You just proved MY point!

I do NOT stick MY HANDS in there!

I reiterate - I USE EITHER A HOTSTICK OR TESTED AND RATED @ 20KV HV GLOVES TO WORK LIVE CIRCUITS!!!!

I was VERY well trained in working LIVE circuits. I used to HAVE to use a HOTSTICK to tie the 1MW portable generator to the OVERHEAD distribution to provide emergency power. I've even done it in the rain!

Once you KNOW what, how, and the methods, it is NOT a widow maker!

If you wish to disagree, that's fine by me! Since you "backed" into the 600 V plate, OBVIOUSLY you live on the "edge" since it WAS exposed. What I'm dealing with is NOT! It is in the cabinet. I have to WORK at getting in there to do what I do.

This is where myths, legends, and Fairy tales get started! All in lieu of FACTS, KNOWLEDGE, TRAINING, and EXPERIENCE.

Bob - N0DGN

Geoff/W5OMR wrote:
>
> rbethman wrote:
> > IF you are going to own, operate, and maintain BAs or Amps with HV,
> > There WILL come the time when you MUST perform your tasks while
> circuits
> > are HOT! Try tuning the input circuitry on an Amp Supply LK 500 or LK
> > 800. You MUST have the lid open, (off actually), completely powered up,
> > fed RF from your exciter, and the dummy load in use - WHILE you adjust
> > the input circuits to tune for the exciter's low SWR requirements.
> >
>

> We'll just have to agree to disagree, Bob. When I had my '610-E, and I
> wanted to change how the thing was loading, I'd make sure the B+ was
> off, and adjust the swinging link a little at a time, and there's simply
> just no way in HELL I'd ever temp fate by sticking my hands in that
> beast with the B+ on.
>
> I, too, have learned my lesson with the home-brew rig... luckily the
> Vari-AC was turned down so that the DC output was only around 600vDC but
> that was enough to knock me out of my chair, out of the room and across
> the hall, landing in a rather unceremonious manner, upside down and
> 'knocked out' for a couple of minutes!
>
> Then, there was the 'snake-bite' I had on my upper right hind-quarter.
> Exposed 1200VDC terminals from a home brew 811A power supply grabbed my
> butt when I bent down to pick something up. naturally, I lunged
> forward, knocking my head on whatever I was working on, which knocked me
> -back- into the powersupply, where I finally had the presence of mind to
> stand UP instead of knocking my head against the equipment, again.
> Luckily, this time, I had rubber soled tennis shoes on and the scaring
> was minimal. Can't say the same for my right thumb and left palm...
> right thumb was exposed to the 600v DC... right palm had the D-104 in it.
>
> I will continue to work with tube-type rigs, but I'm -never- going to
> stick my hands, or any other part of my anatomy near an energized HV
> circuit, ever again.
>
> --
> 73 = Best Regards,
> -Geoff/W5OMR
>
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3262. Panel meters / parts needed for 610E

Yahoo group: T-368_BC-610
Date: 2008-06-18 08:28:21 UTC
From: M0GHQ
Topic: 3262  Message: 3262

While this is in lively debate and pleny of you reading, I thought I'd ask if anyone has a spare pair of meters, the centre ones for a Hallicrafters BC-610E, I can pay by paypal or by whatever means as I know some don't like pp. I am restoring another beast and need these meters. I also require the antenna insulators and one bolt for the mounting frame to power chassis. (I have 3 only). 73 Max M0GHQ

[Non-text portions of this message have been removed]

# 3263. Re:New to list - parts sources

Yahoo group: T-368_BC-610
Date: 2008-06-18 09:08:27 UTC
From: VJB
Topic: 3221  Message: 3263

Welcome to the club, Mike, hope to work you some time.
The 25AV5 at about $10 is a common direct replacement for the Type 6000 made only by Tung-Sol.

Paul/VJB
Annapolis
1957 Crosley T-368C

# 3264. Re: [T-368_BC-610] BC-610E forsale with accessories

Yahoo group: T-368_BC-610
Date: 2008-06-18 18:08:53 UTC
From: Bob Bruno - K2KI
Topic: 3233  Message: 3264

You have just listed my dream station. I wish I could afford even the
shipping to Vermont for it.

Good Luck...

73, cul...
Bob de k2ki

Mikhael (Mike) Brown wrote:
>
> I have a BC-610-E for sale with the following:
>
> BC-614 Speech Amp
> BC-939 Tuner
> JB-70 Junction Box
> all coils from 160 meters up
> all Tuning Units from 160 meters up
> BX-34 crystal box
> Some Crystals for 160, 80 and 40 meters
> KY-116 leg iron and T-50 mic
> With all tubes
> Spare Tl-250
> Original Manual
>
> I located am in Oakhurst, Ca, 50 miles north of Fresno.
>
> Selling it all as one package, PU only, unless you want to arrange
> packing and shipping.
>
> Pictures available, will email them if you drop me a message.
>
> Contact me offline:
> Mike, N6WIG
> mikhael@...
>
>

[Non-text portions of this message have been removed]

# 3265. Re: Re:[T-368_BC-610] The Fault Issue

Yahoo group: T-368_BC-610
Date: 2008-06-18 19:35:08 UTC
From: Alan Morriss
Topic: 3226  Message: 3265

hello bob, the model is bc 610 e, and the serial number is 706. i love that tx, and am gradually getting it into condition. i am now getting 210 ma plate current into a vswr of 1.5 to 1. things are looking a bit better, but the ht light is still on. i have a lead and switch into the socket for the protection circuit, and can put it out that way. i disconnected the matchbox relay, but it makes no difference.there might be a ground fault in ry 4, and tomorrow i am going to disconnect that. oh well !
do you have the brackets for the top cover switches ? i would also like a proper plug for the socket if such a thing exists.
the brackets i made do the job, but i really would like proper ones. cheers, alan g4gen
----- Original Message -----
From: wa5cab@...
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, June 17, 2008 11:33 PM
Subject: Re:[T-368_BC-610] The Fault Issue

Roger,

Minor point but the 8-wire cable that plugs into the rear of the BC-610-E
goes to the BC-614.

What is the Order Number and Serial Number of your transmitter? I was going
to have a quick look at the schematic (since I had gone to the trouble to
locate and bring downstairs the two early manuals and confirm when the adjustable
link coils showed up) and noticed in the front of one of them that there were
production changes made in the circuit you're apparently having trouble with.

In a message dated 6/17/2008 4:27:35 PM Central Daylight Time,
mohawk@... writes:
> hello bob, you are right ! the trouble was that i left it not working for
> weeks. this afternoon i disconnected the plug on the rear of the 610 which
> goes to the jb 70 when the red ht light was on as usual. it made no difference,
> so the trouble must be in the tx.
> i put a couple of leads into the top socket instead of the jumper, and could
> deactivate the ht that way, but the relay was still energised, as the light
> came on as soon as i re connected the leads.
> i was still only getting 50 ma plate current with a properly matched
> antenna, with a vswr of 1.5 to 1.however.
> after a bit the plate current suddenly disappeared altogether, but the light
> was on. as i couldnt get it on
> again i gave up and went home for tea ! it is driving me mad . one problem
> id that in the shelter there is very little room behind the tx to enable it
> to be worked on. oh well, it keeps me busy. cheers, alan
>

Robert Downs - Houston

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3266. Re: [SPAM]Re: [SPAM][T-368_BC-610] T-368_BC-610] Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-18 19:50:40 UTC
From: Alan Morriss
Topic: 3266  Message: 3266

oh thanks bob. well, i dont like coax as much as open wire feeder. i use 600 ohm line into a doublet of 97 feet each leg for my main station antenna. it is matched by a harris rf 601 auto coupler, and i can get out on any frequency. the bc 610 is kept in our tank shed with the other military vehicles. the antenna for that is a doublet cut to 3615, and fed with 450 ohm feeder.this is matched to the bc 610 by the matchbox which is a marvellous thing i think.
most of the operation with the 619 has been using thw whip. cheers, alan
----- Original Message -----
From: rbethman
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, June 17, 2008 10:51 PM
Subject: [SPAM]Re: [SPAM][T-368_BC-610] T-368_BC-610] Re:fault

Alan,

Now I "see" where you are getting the numbers a "bit" confused.

A doublet, (dipole) is indeed about 73 ohms at the FEEDPOINT in the
middle where you connect the coaxial cable.

However, that does NOT translate to 75 ohms at the transmitter end of
the coaxial cable.

The only thing that happens, is that there IS a "slight" impedance bump
AT the feedpoint.

I have an antenna analyzer here. I feed my dipoles/doublets with with
RG-213 or Belden RG-8. When I put the analyzer on the coaxial connector
in the shack, I read flat 1:1 with it showing 50 Ohms.

It can be a "bit" confusing, however that is how dipoles/doublets have
ALWAYS worked from MY experience of almost 30 years in this hobby.

Bob - N0DGN

Alan Morriss wrote:
>
> h1 jim, the matchbox presents a 50 ohm load. the manual for the bc 610
> says in the doublet section that the impedance of a dipole at centre
> is 75 ohms so the tx gives the same.hope that is clearer. cheers, alan
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3267. Re: [T-368_BC-610] Panel meters / parts needed for 610E

Yahoo group: T-368_BC-610
Date: 2008-06-18 20:09:23 UTC
From: Alan Morriss
Topic: 3262  Message: 3267

hi max, i have the insulators, and will post them to you tomorrow. alan
----- Original Message -----
From: M0GHQ
To: T-368_BC-610@yahoogroups.com
Sent: Wednesday, June 18, 2008 9:28 AM
Subject: [T-368_BC-610] Panel meters / parts needed for 610E

While this is in lively debate and pleny of you reading, I thought I'd ask if anyone has a spare pair of meters, the centre ones for a Hallicrafters BC-610E, I can pay by paypal or by whatever means as I know some don't like pp. I am restoring another beast and need these meters. I also require the antenna insulators and one bolt for the mounting frame to power chassis. (I have 3 only). 73 Max M0GHQ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3268. Re: [SPAM]Re: [SPAM][T-368_BC-610] T-368_BC-610] Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-18 22:26:51 UTC
From: Dave And Merrijoy
Topic: 3266  Message: 3268

Tank shed? Other military vehicles? Hey, Alan...fill us in on all the inventory.
Dave w9ocm

----- Original Message -----
From: Alan Morriss
To: T-368_BC-610@yahoogroups.com
Sent: Wednesday, June 18, 2008 3:50 PM
Subject: Re: [SPAM]Re: [SPAM][T-368_BC-610] T-368_BC-610] Re:fault

oh thanks bob. well, i dont like coax as much as open wire feeder. i use 600 ohm line into a doublet of 97 feet each leg for my main station antenna. it is matched by a harris rf 601 auto coupler, and i can get out on any frequency. the bc 610 is kept in our tank shed with the other military vehicles. the antenna for that is a doublet cut to 3615, and fed with 450 ohm feeder.this is matched to the bc 610 by the matchbox which is a marvellous thing i think.
most of the operation with the 619 has been using thw whip. cheers, alan
----- Original Message -----
From: rbethman
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, June 17, 2008 10:51 PM
Subject: [SPAM]Re: [SPAM][T-368_BC-610] T-368_BC-610] Re:fault

Alan,

Now I "see" where you are getting the numbers a "bit" confused.

A doublet, (dipole) is indeed about 73 ohms at the FEEDPOINT in the
middle where you connect the coaxial cable.

However, that does NOT translate to 75 ohms at the transmitter end of
the coaxial cable.

The only thing that happens, is that there IS a "slight" impedance bump
AT the feedpoint.

I have an antenna analyzer here. I feed my dipoles/doublets with with
RG-213 or Belden RG-8. When I put the analyzer on the coaxial connector
in the shack, I read flat 1:1 with it showing 50 Ohms.

It can be a "bit" confusing, however that is how dipoles/doublets have
ALWAYS worked from MY experience of almost 30 years in this hobby.

Bob - N0DGN

Alan Morriss wrote:
>
> h1 jim, the matchbox presents a 50 ohm load. the manual for the bc 610
> says in the doublet section that the impedance of a dipole at centre

> is 75 ohms so the tx gives the same.hope that is clearer. cheers, alan
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

---

No virus found in this incoming message.
Checked by AVG.
Version: 7.5.524 / Virus Database: 270.4.0/1507 - Release Date: 6/18/2008 7:09 AM

[Non-text portions of this message have been removed]

# 3269. Re: [T-368_BC-610] Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-18 23:22:37 UTC
From: wa5cab@cs.com
Topic: 3174  Message: 3269

How do you get the feeders out of the HO-17? Or is the RF601 external to the Shelter?

Also, you gave me the serial number earlier but instead of Order Number you gave BC-610-E, which I already knew.

In a message dated 6/18/2008 5:27:17 PM Central Daylight Time, merrijoy@... writes:
> oh thanks bob. well, i dont like coax as much as open wire feeder. i use
> 600 ohm line into a doublet of 97 feet each leg for my main station antenna. it
> is matched by a harris rf 601 auto coupler, and i can get out on any
> frequency. the bc 610 is kept in our tank shed with the other military vehicles. the
> antenna for that is a doublet cut to 3615, and fed with 450 ohm feeder.this
> is matched to the bc 610 by the matchbox which is a marvellous thing i think.

Robert Downs - Houston

[Non-text portions of this message have been removed]

# 3270. Re: [T-368_BC-610] Re:fault LONG

Yahoo group: T-368_BC-610
Date: 2008-06-19 02:14:20 UTC
From: James M. Walker
Topic: 3270  Message: 3270

Ah,
Point of fact the RF-601 feeds either a single end-fed wire, or a whip.
It will load up a 32 gallon garbage can from 1.5 to 30 Mhz! Single wire to
antenna, ground to a ground stake. Ask me how I know!

These descriptions of the antenna system(s) is getting very strange.
I use the following setup for transmit.
BC-610 to B&W 6 position coax switch. Common on the B&W switch
goes VIA 50 ohm coax to ME-165 input, ME-165 output goes via 50 ohm
coax to the input of a Johnson KW matchbox thru the SWR detector(directional
coupler), the output from the matchbox goes to a single wire which runs for
153 feet (Long-wire) antenna and a 4 foot piece of #4 stranded to an 8 ft.
ground rod.

When I the BC-610 on a different band necessitating retuning of the SYSTEM
I first put the BC-610 in standby. Then set the ME-165 to the power
position.
BC-610 goes to transmit in the tune position. Dip the plate current on the
PA
Tube.

There is effectively a 400 watt 50 ohm dummy load at the antenna port of
the BC-610. I switch to standby at the BC-610, and change the ME-165 to the
adjust position and set the pot (ADJUST) for full scale on the meter of the
ME-165.

I change the ME-165 switch to the SWR position, key the BC-610 and
adjust the input and output caps on the KW matchbox for minimum on the
ME-165 meter.

At this point I have minimized the reflected power coming back from the
antenna
through to the ME-165 Trust me it is low!

Put the BC-610 in standby, switch the ME-165 to operate, which places the RF
path directly to the matchbox, the BC-610 is now transmitting into the
antenna
as its load device. At the matchbox I "Check" the FWD/REF with the switch
on the matchbox. to make sure things are OK. With the BC-610 keyed and
going to the matchbox I should still see a low reflected reading this time
from
the matchbox and its' associated controls, little if any adjustment should
be
necessary at this point.

When I am ready to operate, I repeat the sequence only this time I tune
the BC-610 and its link coupling for a reading of 400 watts into the dummy

load
of the ME-165, with the ME-165 set to the power position.

Unkey the BC-610, set the ME-165 to OPERATE, key the BC-610
you are on the air with 400 +- watts of RF going out and a very minimum
coming back.

Of course this assumes that the equipment has been tested for accuracy,
and the BC-610 work properly into JUST a 50 ohm load directly, and
that there are no "Gothcas" in your procedure.

FWIW and as always YMMV
Jim
WB2FCN
"MILTFD-J1"

----- Original Message -----
From: <wa5cab@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Wednesday, June 18, 2008 7:22 PM
Subject: Re: [T-368_BC-610] Re:fault

> How do you get the feeders out of the HO-17? Or is the RF601 external to
> the
> Shelter?
>
> Also, you gave me the serial number earlier but instead of Order Number
> you
> gave BC-610-E, which I already knew.

>
> In a message dated 6/18/2008 5:27:17 PM Central Daylight Time,
> merrijoy@... writes:
>> oh thanks bob. well, i dont like coax as much as open wire feeder. i use
>> 600 ohm line into a doublet of 97 feet each leg for my main station
>> antenna. it
>> is matched by a harris rf 601 auto coupler, and i can get out on any
>> frequency. the bc 610 is kept in our tank shed with the other military
>> vehicles. the
>> antenna for that is a doublet cut to 3615, and fed with 450 ohm
>> feeder.this
>> is matched to the bc 610 by the matchbox which is a marvellous thing i
>> think.

# 3271. Re: [T-368_BC-610] New to list - parts sources

Yahoo group: T-368_BC-610
Date: 2008-06-19 02:36:57 UTC
From: Joe Foley
Topic: 3221  Message: 3271

"Spares" don't come up often for the T-368!

They are where you find them.

Joe

--- On Tue, 6/17/08, mike Kana <aa9il@...> wrote:
From: mike Kana <aa9il@...>
Subject: [T-368_BC-610] New to list - parts sources
To: T-368_BC-610@yahoogroups.com
Date: Tuesday, June 17, 2008, 11:39 AM

Howdy all

New to the list and a new owner of a B&W T368C.

As I am getting everything ready to go on the

air, one question is where to get spares -

especially the type 6000 tube. Fair Radio or ....?

Any info on that would be appreciated.

Tnx es 73

Mike AA9IL

[Non-text portions of this message have been removed]

# 3272. Re: [T-368_BC-610] Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-19 07:29:46 UTC
From: Alan Morriss
Topic: 3174  Message: 3272

hello bob, well, the rf601 and the antenna are up at my house where the shack is. the ho17 and truck are down at the yard where the military vehicles are kept.
i cut a slot in the transparent sheeting in the side nearest to where the radio truck is for the 450 ohm feeder. it seems to work well. the tank shed has electricity annd is warm and dry.
as a matter of interest, the antenna up at the house must be very efficient, as i worked across the pond on 1 watt using a british army w/s 21 on 21 megs.
i suppose it shouldnt work, but one lleg of the doublet goes to the rf 601 via a 150 pf vacuum capacitor, and the other goes to the case which is grounded. cheers, alan
----- Original Message -----
From: wa5cab@...
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, June 19, 2008 12:22 AM
Subject: Re: [T-368_BC-610] Re:fault

How do you get the feeders out of the HO-17? Or is the RF601 external to the Shelter?

Also, you gave me the serial number earlier but instead of Order Number you gave BC-610-E, which I already knew.

In a message dated 6/18/2008 5:27:17 PM Central Daylight Time, merrijoy@... writes:
> oh thanks bob. well, i dont like coax as much as open wire feeder. i use
> 600 ohm line into a doublet of 97 feet each leg for my main station antenna. it
> is matched by a harris rf 601 auto coupler, and i can get out on any
> frequency. the bc 610 is kept in our tank shed with the other military vehicles. the
> antenna for that is a doublet cut to 3615, and fed with 450 ohm feeder.this
> is matched to the bc 610 by the matchbox which is a marvellous thing i think.

Robert Downs - Houston

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3273. Re: [T-368_BC-610] Re:fault LONG

Yahoo group: T-368_BC-610
Date: 2008-06-19 07:47:26 UTC
From: M0GHQ
Topic: 3270  Message: 3273

Jim, This is exactly what I do except the antenna is a dipole or doublet, fed with 600 ohm feeder, the Matchbox will tune that to 1.0:1. I use the RY4 terminals from the modulator deck to run the relay in the Matchbox and get 275w 200mA on the plate dipped (not 400w) at 3.615MHZ out into the antenna, maybe my system has losses or the 250TH is not so good or the wattmeter reading is not so accurate but the signal is certainly effective. This is one of the most fun transmitters I have ever used and it took me near on 30 years to find a nice one and then I had to drive 5000+ miles to get it! I have the complete SCR-499 made by Hallicrafters. 73 Max M0GHQ
----- Original Message -----
From: James M. Walker
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, June 19, 2008 3:14 AM
Subject: Re: [T-368_BC-610] Re:fault LONG

Ah,
Point of fact the RF-601 feeds either a single end-fed wire, or a whip.
It will load up a 32 gallon garbage can from 1.5 to 30 Mhz! Single wire to antenna, ground to a ground stake. Ask me how I know!

These descriptions of the antenna system(s) is getting very strange.
I use the following setup for transmit.
BC-610 to B&W 6 position coax switch. Common on the B&W switch goes VIA 50 ohm coax to ME-165 input, ME-165 output goes via 50 ohm coax to the input of a Johnson KW matchbox thru the SWR detector(directional coupler), the output from the matchbox goes to a single wire which runs for 153 feet (Long-wire) antenna and a 4 foot piece of #4 stranded to an 8 ft. ground rod.

When I the BC-610 on a different band necessitating retuning of the SYSTEM I first put the BC-610 in standby. Then set the ME-165 to the power position.
BC-610 goes to transmit in the tune position. Dip the plate current on the PA
Tube.

There is effectively a 400 watt 50 ohm dummy load at the antenna port of the BC-610. I switch to standby at the BC-610, and change the ME-165 to the adjust position and set the pot (ADJUST) for full scale on the meter of the ME-165.

I change the ME-165 switch to the SWR position, key the BC-610 and adjust the input and output caps on the KW matchbox for minimum on the ME-165 meter.

At this point I have minimized the reflected power coming back from the antenna

through to the ME-165 Trust me it is low!

Put the BC-610 in standby, switch the ME-165 to operate, which places the RF path directly to the matchbox, the BC-610 is now transmitting into the antenna
as its load device. At the matchbox I "Check" the FWD/REF with the switch on the matchbox. to make sure things are OK. With the BC-610 keyed and going to the matchbox I should still see a low reflected reading this time from
the matchbox and its' associated controls, little if any adjustment should be
necessary at this point.

When I am ready to operate, I repeat the sequence only this time I tune the BC-610 and its link coupling for a reading of 400 watts into the dummy load
of the ME-165, with the ME-165 set to the power position.

Unkey the BC-610, set the ME-165 to OPERATE, key the BC-610
you are on the air with 400 +- watts of RF going out and a very minimum coming back.

Of course this assumes that the equipment has been tested for accuracy, and the BC-610 work properly into JUST a 50 ohm load directly, and that there are no "Gothcas" in your procedure.

FWIW and as always YMMV
Jim
WB2FCN
"MILTFD-J1"

----- Original Message -----
From: <wa5cab@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Wednesday, June 18, 2008 7:22 PM
Subject: Re: [T-368_BC-610] Re:fault

> How do you get the feeders out of the HO-17? Or is the RF601 external to
> the
> Shelter?
>
> Also, you gave me the serial number earlier but instead of Order Number
> you
> gave BC-610-E, which I already knew.

>
> In a message dated 6/18/2008 5:27:17 PM Central Daylight Time,
> merrijoy@... writes:
>> oh thanks bob. well, i dont like coax as much as open wire feeder. i use
>> 600 ohm line into a doublet of 97 feet each leg for my main station
>> antenna. it
>> is matched by a harris rf 601 auto coupler, and i can get out on any

>> frequency. the bc 610 is kept in our tank shed with the other military
>> vehicles. the
>> antenna for that is a doublet cut to 3615, and fed with 450 ohm
>> feeder.this
>> is matched to the bc 610 by the matchbox which is a marvellous thing i
>> think.

[Non-text portions of this message have been removed]

# 3274. Re: [SPAM]Re: [T-368_BC-610] Re:fault LONG

Yahoo group: T-368_BC-610
Date: 2008-06-19 09:05:00 UTC
From: Alan Morriss
Topic: 3274  Message: 3274

hello jim,well your set up certainly seems the goods.the rf 601 ia a brilliant device, i picked mine up brand new in the original packing case. it was supposed to go to a saudi arabian embassy, but they cancelled the order. it was sold as scrap ! the rf 625 long wire adaptor m which i would love to get hold of, consists of a jennings 150 pf vacuum capacitor in a case. i made up something similar. the main part of my shack antenna is an old ship's inverted "L" of 97 feet long. the other section is fairly ordinary wire. the
output of the 601 goes via a short connector the the capaciitor box, and thence to the 600 ohm feeder and to the antenna. i found the 600 ohm stuff gave better matching and a lower noise level than the 450. the 601 will match any frequency from 2 to 30 megs into it with less than 2:1 vswr. i originally put it up for my drake TR 4310, but i sold that and now it is for the collins 618T and my main rig the british army w/s 53.
this was our replacement for the bc 610, and uses a pair of 813s in the final.
cheers, alan
----- Original Message -----
From: James M. Walker
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, June 19, 2008 3:14 AM
Subject: [SPAM]Re: [T-368_BC-610] Re:fault LONG

Ah,
Point of fact the RF-601 feeds either a single end-fed wire, or a whip.
It will load up a 32 gallon garbage can from 1.5 to 30 Mhz! Single wire to antenna, ground to a ground stake. Ask me how I know!

These descriptions of the antenna system(s) is getting very strange.
I use the following setup for transmit.
BC-610 to B&W 6 position coax switch. Common on the B&W switch
goes VIA 50 ohm coax to ME-165 input, ME-165 output goes via 50 ohm
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position.
BC-610 goes to transmit in the tune position. Dip the plate current on the
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Tube.

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I change the ME-165 switch to the SWR position, key the BC-610 and
adjust the input and output caps on the KW matchbox for minimum on the
ME-165 meter.

At this point I have minimized the reflected power coming back from the
antenna
through to the ME-165 Trust me it is low!

Put the BC-610 in standby, switch the ME-165 to operate, which places the RF
path directly to the matchbox, the BC-610 is now transmitting into the
antenna
as its load device. At the matchbox I "Check" the FWD/REF with the switch
on the matchbox. to make sure things are OK. With the BC-610 keyed and
going to the matchbox I should still see a low reflected reading this time
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the matchbox and its' associated controls, little if any adjustment should
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necessary at this point.

When I am ready to operate, I repeat the sequence only this time I tune
the BC-610 and its link coupling for a reading of 400 watts into the dummy
load
of the ME-165, with the ME-165 set to the power position.

Unkey the BC-610, set the ME-165 to OPERATE, key the BC-610
you are on the air with 400 +- watts of RF going out and a very minimum
coming back.

Of course this assumes that the equipment has been tested for accuracy,
and the BC-610 work properly into JUST a 50 ohm load directly, and
that there are no "Gothcas" in your procedure.

FWIW and as always YMMV
Jim
WB2FCN
"MILTFD-J1"

----- Original Message -----
From: <wa5cab@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Wednesday, June 18, 2008 7:22 PM
Subject: Re: [T-368_BC-610] Re:fault

> How do you get the feeders out of the HO-17? Or is the RF601 external to
> the
> Shelter?
>
> Also, you gave me the serial number earlier but instead of Order Number
> you
> gave BC-610-E, which I already knew.

>
> In a message dated 6/18/2008 5:27:17 PM Central Daylight Time,

> merrijoy@... writes:
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>> 600 ohm line into a doublet of 97 feet each leg for my main station
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>> frequency. the bc 610 is kept in our tank shed with the other military
>> vehicles. the
>> antenna for that is a doublet cut to 3615, and fed with 450 ohm
>> feeder.this
>> is matched to the bc 610 by the matchbox which is a marvellous thing i
>> think.

[Non-text portions of this message have been removed]

# 3275. Re: [SPAM]Re: [SPAM]Re: [SPAM][T-368_BC-610] T-368_BC-610] Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-19 09:13:25 UTC
From: Alan Morriss
Topic: 3275  Message: 3275

hi dave & merrijoy, well my son is in the business of supplying vehicles for filming, and even constructed a replica tiger tank, now sold. we have a chieftan, scorpion, a 432,an american half track. a german one, a nd many other vehicles. you may have seen them in the band of brothers etc. cheers. alan
----- Original Message -----
From: Dave And Merrijoy
To: T-368_BC-610@yahoogroups.com
Sent: Wednesday, June 18, 2008 11:26 PM
Subject: [SPAM]Re: [SPAM]Re: [SPAM][T-368_BC-610] T-368_BC-610] Re:fault

Tank shed? Other military vehicles? Hey, Alan...fill us in on all the inventory.
Dave w9ocm

----- Original Message -----
From: Alan Morriss
To: T-368_BC-610@yahoogroups.com
Sent: Wednesday, June 18, 2008 3:50 PM
Subject: Re: [SPAM]Re: [SPAM][T-368_BC-610] T-368_BC-610] Re:fault

oh thanks bob. well, i dont like coax as much as open wire feeder. i use 600 ohm line into a doublet of 97 feet each leg for my main station antenna. it is matched by a harris rf 601 auto coupler, and i can get out on any frequency. the bc 610 is kept in our tank shed with the other military vehicles. the antenna for that is a doublet cut to 3615, and fed with 450 ohm feeder.this is matched to the bc 610 by the matchbox which is a marvellous thing i think.
most of the operation with the 619 has been using thw whip. cheers, alan
----- Original Message -----
From: rbethman
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, June 17, 2008 10:51 PM
Subject: [SPAM]Re: [SPAM][T-368_BC-610] T-368_BC-610] Re:fault

Alan,

Now I "see" where you are getting the numbers a "bit" confused.

A doublet, (dipole) is indeed about 73 ohms at the FEEDPOINT in the
middle where you connect the coaxial cable.

However, that does NOT translate to 75 ohms at the transmitter end of
the coaxial cable.

The only thing that happens, is that there IS a "slight" impedance bump
AT the feedpoint.

I have an antenna analyzer here. I feed my dipoles/doublets with with
RG-213 or Belden RG-8. When I put the analyzer on the coaxial connector
in the shack, I read flat 1:1 with it showing 50 Ohms.

It can be a "bit" confusing, however that is how dipoles/doublets have
ALWAYS worked from MY experience of almost 30 years in this hobby.

Bob - N0DGN

Alan Morriss wrote:
>
> h1 jim, the matchbox presents a 50 ohm load. the manual for the bc 610
> says in the doublet section that the impedance of a dipole at centre
> is 75 ohms so the tx gives the same.hope that is clearer. cheers, alan
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

---

No virus found in this incoming message.
Checked by AVG.
Version: 7.5.524 / Virus Database: 270.4.0/1507 - Release Date: 6/18/2008 7:09 AM

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3276. Re: [T-368_BC-610] Re:fault LONG

Yahoo group: T-368_BC-610
Date: 2008-06-19 09:53:58 UTC
From: James M. Walker
Topic: 3270  Message: 3276

Max,
My rig (BC-610(I)) has the separate 115 VAC input to just the HV tranny primary coming in through a 20 amp. Variac (metered). That line goes directly to the house "service panel". No sag.

My plate voltage is 2200 VDC at 200 MA. Tubes in the unit are "fairly" fresh!
Sounds like your 250TH may be getting soft. Do you have AC input sag to your setup when in transmit?

Jim
WB2FCN

----- Original Message -----
From: "M0GHQ" <M1FDZ@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Thursday, June 19, 2008 3:47 AM
Subject: Re: [T-368_BC-610] Re:fault LONG

> Jim, This is exactly what I do except the antenna is a dipole or doublet,
> fed with 600 ohm feeder, the Matchbox will tune that to 1.0:1. I use the
> RY4 terminals from the modulator deck to run the relay in the Matchbox and
> get 275w 200mA on the plate dipped (not 400w) at 3.615MHZ out into the
> antenna, maybe my system has losses or the 250TH is not so good or the
> wattmeter reading is not so accurate but the signal is certainly
> effective. This is one of the most fun transmitters I have ever used and
> it took me near on 30 years to find a nice one and then I had to drive
> 5000+ miles to get it! I have the complete SCR-499 made by Hallicrafters.
> 73 Max M0GHQ

# 3277. Re: [T-368_BC-610] Re:fault LONG

Yahoo group: T-368_BC-610
Date: 2008-06-19 11:06:39 UTC
From: M0GHQ
Topic: 3270  Message: 3277

Jim, I have a 4kva variac running the whole shooting match, the voltage is 114.7v stby and 108.2v in transmit so 6.5 volts sag, probably a few watts but I would not have thought 125w hihi, the plate current is 190mA and the grid is 65mA, I do not know what the plate volts are, I must measure them sometime just for reference. The 250TH was NOS but that does not really mean anything with a 65 year old final. maybe I will try another but it does mean re neutralising etc, it works fine so I tend to leave alone. Maybe it is just the frequency, some of my other BA's (ART-13 and BC-375/191 etc) are just like this some freq's high o/p and others lower. 73 Max M0GHQ

----- Original Message -----
From: James M. Walker
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, June 19, 2008 10:53 AM
Subject: Re: [T-368_BC-610] Re:fault LONG

Max,
My rig (BC-610(I)) has the separate 115 VAC input to just the HV tranny primary coming in through a 20 amp. Variac (metered). That line goes directly to the house "service panel". No sag.

My plate voltage is 2200 VDC at 200 MA. Tubes in the unit are "fairly" fresh!
Sounds like your 250TH may be getting soft. Do you have AC input sag to your setup when in transmit?

Jim
WB2FCN

----- Original Message -----
From: "M0GHQ" <M1FDZ@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Thursday, June 19, 2008 3:47 AM
Subject: Re: [T-368_BC-610] Re:fault LONG

> Jim, This is exactly what I do except the antenna is a dipole or doublet,
> fed with 600 ohm feeder, the Matchbox will tune that to 1.0:1. I use the
> RY4 terminals from the modulator deck to run the relay in the Matchbox and
> get 275w 200mA on the plate dipped (not 400w) at 3.615MHZ out into the
> antenna, maybe my system has losses or the 250TH is not so good or the
> wattmeter reading is not so accurate but the signal is certainly
> effective. This is one of the most fun transmitters I have ever used and
> it took me near on 30 years to find a nice one and then I had to drive
> 5000+ miles to get it! I have the complete SCR-499 made by Hallicrafters.
> 73 Max M0GHQ

[Non-text portions of this message have been removed]

# 3278. Re: [T-368_BC-610] Re:fault LONG

Yahoo group: T-368_BC-610
Date: 2008-06-19 11:59:05 UTC
From: James M. Walker
Topic: 3270  Message: 3278

Ola Max,
What model is the "Beastie" that you are using, per this conversation?

I ask as the "E" model I have do NOT have the connections on a terminal strip,
to allow for the separate feeding of AC to just the HV transformer. I suppose
it could be done, (wouldn't be pretty)!

My "E" model, is used for FSK mostly wit the O39 exciter, that system is on
a separate autotransformer/variac I have that one at 110 volts AC, and don't
see much change in levels when running FSK on the system, and going from
transmit to receive.

As for the difference you are experiencing, when the AC input comes from a
single source, if it sags you lose drive from the rest of the RF system. It might
help to tune the rig to frequency, at that level, and then recheck the driver
stage tuning to get that back to as high as components allow consistant with
good operating practice.
Jim
WB2FCN

----- Original Message -----
From: "M0GHQ" <M1FDZ@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Thursday, June 19, 2008 7:06 AM
Subject: Re: [T-368_BC-610] Re:fault LONG

> Jim, I have a 4kva variac running the whole shooting match, the voltage is
> 114.7v stby and 108.2v in transmit so 6.5 volts sag, probably a few watts
> but I would not have thought 125w hihi, the plate current is 190mA and the
> grid is 65mA, I do not know what the plate volts are, I must measure them
> sometime just for reference. The 250TH was NOS but that does not really
> mean anything with a 65 year old final. maybe I will try another but it
> does mean re neutralising etc, it works fine so I tend to leave alone.
> Maybe it is just the frequency, some of my other BA's (ART-13 and
> BC-375/191 etc) are just like this some freq's high o/p and others lower.
> 73 Max M0GHQ
>
>
>
> ----- Original Message -----
> From: James M. Walker
> To: T-368_BC-610@yahoogroups.com

> Sent: Thursday, June 19, 2008 10:53 AM
> Subject: Re: [T-368_BC-610] Re:fault LONG
>
>
> Max,
> My rig (BC-610(I)) has the separate 115 VAC input to just the HV tranny
> primary coming in through a 20 amp. Variac (metered). That line goes
> directly to the house "service panel". No sag.
>
> My plate voltage is 2200 VDC at 200 MA. Tubes in the unit are "fairly"
> fresh!
> Sounds like your 250TH may be getting soft. Do you have AC input sag to
> your
> setup when in transmit?
>
> Jim
> WB2FCN
>
> ----- Original Message -----
> From: "M0GHQ" <M1FDZ@...>
> To: <T-368_BC-610@yahoogroups.com>
> Sent: Thursday, June 19, 2008 3:47 AM
> Subject: Re: [T-368_BC-610] Re:fault LONG
>
> > Jim, This is exactly what I do except the antenna is a dipole or
> doublet,
> > fed with 600 ohm feeder, the Matchbox will tune that to 1.0:1. I use
> the
> > RY4 terminals from the modulator deck to run the relay in the Matchbox
> and
> > get 275w 200mA on the plate dipped (not 400w) at 3.615MHZ out into the
> > antenna, maybe my system has losses or the 250TH is not so good or the
> > wattmeter reading is not so accurate but the signal is certainly
> > effective. This is one of the most fun transmitters I have ever used
> and
> > it took me near on 30 years to find a nice one and then I had to drive
> > 5000+ miles to get it! I have the complete SCR-499 made by
> Hallicrafters.
> > 73 Max M0GHQ
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> [Non-text portions of this message have been removed]
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>
> Yahoo! Groups Links

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# 3279. Re: [T-368_BC-610] Re:fault LONG

Yahoo group: T-368_BC-610
Date: 2008-06-19 13:39:16 UTC
From: M0GHQ
Topic: 3270  Message: 3279

Jim, My one is an E model serial 4427 made by Hallicrafters, I cannot find a contract number anywhere unless it is on the diagram on the rear cover which is not easily got to at the moment. I suppose one could connect directly to the HT transformer and pull the cabling out through the rear of the transmitter, however I personally don't think that is worth it. it complicates the switching and I like to keep it as original as possible. I will try to tune the driver up a bit more and see what happens. Maybe we ought to see if we can qso sometime on AM, I have done 'Stateside earlier in the year with the ART-13, around 04:00z, there is a regular net on 3705 at around that time from Europe, stations from the UK, France Holland and Malta regularly meet here. There are only 3 BC-610 here in the UK working that I know of, Alan, Roger and myself, all E models. I have two other 610E's in bits at the moment serials 990 and 4418. 73 Max M0GHQ

----- Original Message -----
From: James M. Walker
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, June 19, 2008 12:59 PM
Subject: Re: [T-368_BC-610] Re:fault LONG

Ola Max,
What model is the "Beastie" that you are using, per this conversation?

I ask as the "E" model I have do NOT have the connections on a terminal
strip,
to allow for the separate feeding of AC to just the HV transformer. I
suppose
it could be done, (wouldn't be pretty)!

My "E" model, is used for FSK mostly wit the O39 exciter, that system is on
a separate autotransformer/variac I have that one at 110 volts AC, and don't
see much change in levels when running FSK on the system, and going from
transmit to receive.

As for the difference you are experiencing, when the AC input comes from a
single source, if it sags you lose drive from the rest of the RF system. It
might
help to tune the rig to frequency, at that level, and then recheck the
driver
stage tuning to get that back to as high as components allow consistant with
good operating practice.
Jim
WB2FCN

----- Original Message -----
From: "M0GHQ" <M1FDZ@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Thursday, June 19, 2008 7:06 AM

Subject: Re: [T-368_BC-610] Re:fault LONG

> Jim, I have a 4kva variac running the whole shooting match, the voltage is
> 114.7v stby and 108.2v in transmit so 6.5 volts sag, probably a few watts
> but I would not have thought 125w hihi, the plate current is 190mA and the
> grid is 65mA, I do not know what the plate volts are, I must measure them
> sometime just for reference. The 250TH was NOS but that does not really
> mean anything with a 65 year old final. maybe I will try another but it
> does mean re neutralising etc, it works fine so I tend to leave alone.
> Maybe it is just the frequency, some of my other BA's (ART-13 and
> BC-375/191 etc) are just like this some freq's high o/p and others lower.
> 73 Max M0GHQ
>
>
>
> ----- Original Message -----
> From: James M. Walker
> To: T-368_BC-610@yahoogroups.com
> Sent: Thursday, June 19, 2008 10:53 AM
> Subject: Re: [T-368_BC-610] Re:fault LONG
>
>
> Max,
> My rig (BC-610(I)) has the separate 115 VAC input to just the HV tranny
> primary coming in through a 20 amp. Variac (metered). That line goes
> directly to the house "service panel". No sag.
>
> My plate voltage is 2200 VDC at 200 MA. Tubes in the unit are "fairly"
> fresh!
> Sounds like your 250TH may be getting soft. Do you have AC input sag to
> your
> setup when in transmit?
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> WB2FCN
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> From: "M0GHQ" <M1FDZ@...>
> To: <T-368_BC-610@yahoogroups.com>
> Sent: Thursday, June 19, 2008 3:47 AM
> Subject: Re: [T-368_BC-610] Re:fault LONG
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> > get 275w 200mA on the plate dipped (not 400w) at 3.615MHZ out into the
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

# 3280. Re: [T-368_BC-610] Re:fault LONG

Yahoo group: T-368_BC-610
Date: 2008-06-19 16:11:32 UTC
From: James M. Walker
Topic: 3270  Message: 3280

Reckon I'll have to get with it and get on early for the grey-line action to
the
Isles. Things should start hopping shortly, and I will burn a hole in the
Ionesphere to you one morning, of course it will be on two different
freqs, I can't go that low.
73 GL
Jim
WB2FCN

----- Original Message -----
From: "M0GHQ" <M1FDZ@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Thursday, June 19, 2008 9:39 AM
Subject: Re: [T-368_BC-610] Re:fault LONG

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> Sent: Thursday, June 19, 2008 12:59 PM
> Subject: Re: [T-368_BC-610] Re:fault LONG
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> Ola Max,
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> to allow for the separate feeding of AC to just the HV transformer. I
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> it could be done, (wouldn't be pretty)!

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> a separate autotransformer/variac I have that one at 110 volts AC, and
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> As for the difference you are experiencing, when the AC input comes from
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> single source, if it sags you lose drive from the rest of the RF system.
> It
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> help to tune the rig to frequency, at that level, and then recheck the
> driver
> stage tuning to get that back to as high as components allow consistant
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> To: <T-368_BC-610@yahoogroups.com>
> Sent: Thursday, June 19, 2008 7:06 AM
> Subject: Re: [T-368_BC-610] Re:fault LONG
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> > Maybe it is just the frequency, some of my other BA's (ART-13 and
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> lower.
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> >
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> > ----- Original Message -----
> > From: James M. Walker
> > To: T-368_BC-610@yahoogroups.com
> > Sent: Thursday, June 19, 2008 10:53 AM
> > Subject: Re: [T-368_BC-610] Re:fault LONG

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> > Sounds like your 250TH may be getting soft. Do you have AC input sag to
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> > setup when in transmit?
> >
> > Jim
> > WB2FCN
> >
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> > From: "M0GHQ" <M1FDZ@...>
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> > Sent: Thursday, June 19, 2008 3:47 AM
> > Subject: Re: [T-368_BC-610] Re:fault LONG
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> > > it took me near on 30 years to find a nice one and then I had to
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> > > 5000+ miles to get it! I have the complete SCR-499 made by
> > Hallicrafters.
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> >
> > [Non-text portions of this message have been removed]
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> > Yahoo! Groups Links
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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# 3281. Re: [T-368_BC-610] Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-19 18:22:18 UTC
From: Alan Morriss
Topic: 3174  Message: 3281

hello bob and everyone. well !!! i have fixed the fault and it was so simple.i kick myself for not thinking of it before. the lower tag on ry 4 was bent so that it touched ground.it must have almost made contact before, and when i fiddled around putting the connection for the matchbox relay on with an extra nut i must have bent it just enough . as you can imagine, you cant see much with the tx in place in the shelter. when i thought of it, i put a meter on the tags and it was obvious. so thanks everyone who gave all those helpful suggestions.
and bob. if you do have those brackets, i can send you the later ones which do not fit, they might come in useful to someone.
i am afraid there is no order number on my tx, it only says hallicrafters , illinois.
i feel really happy this evening ! cheers, alan
----- Original Message -----
From: wa5cab@...
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, June 19, 2008 12:22 AM
Subject: Re: [T-368_BC-610] Re:fault

How do you get the feeders out of the HO-17? Or is the RF601 external to the
Shelter?

Also, you gave me the serial number earlier but instead of Order Number you
gave BC-610-E, which I already knew.

In a message dated 6/18/2008 5:27:17 PM Central Daylight Time,
merrijoy@... writes:
> oh thanks bob. well, i dont like coax as much as open wire feeder. i use
> 600 ohm line into a doublet of 97 feet each leg for my main station antenna. it
> is matched by a harris rf 601 auto coupler, and i can get out on any
> frequency. the bc 610 is kept in our tank shed with the other military vehicles. the
> antenna for that is a doublet cut to 3615, and fed with 450 ohm feeder.this
> is matched to the bc 610 by the matchbox which is a marvellous thing i think.

Robert Downs - Houston

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3282. Re: [T-368_BC-610] New to list - parts sources

Yahoo group: T-368_BC-610
Date: 2008-06-19 18:56:39 UTC
From: Todd, KA1KAQ
Topic: 3221  Message: 3282

This is where being a packrat comes in handy. Hone your skills, drag stuff home, squirrel it away for the 'what if/someday I'll need this' eventuality.

I was given a compete RF drawer (with large vac. variable broken), a box of MARS spares, and precious few 6000 tubes a few years back, which I'm guarding jealously until I have time to go through my transmitter, get it working properly, and assess future needs.

As Joe says, they're where you find 'em. If you plan to use and maintain a T-368 going forward, start hitting 'fests and asking friends. A good place to start is with old MARS members. Also under tables at hamfests and flea markets. The shiny stuff is on the tables, the good stuff is in the boxes beneath.

~ Todd, KA1KAQ

On Wed, Jun 18, 2008 at 10:36 PM, Joe Foley <redmenaced@...> wrote:
> "Spares" don't come up often for the T-368!
>
> They are where you find them.
>
> Joe
>
> --- On Tue, 6/17/08, mike Kana <aa9il@...> wrote:
> From: mike Kana <aa9il@...>
> Subject: [T-368_BC-610] New to list - parts sources
> To: T-368_BC-610@yahoogroups.com
> Date: Tuesday, June 17, 2008, 11:39 AM
>
> Howdy all
>
> New to the list and a new owner of a B&W T368C.
>
> As I am getting everything ready to go on the
>
> air, one question is where to get spares -
>
> especially the type 6000 tube. Fair Radio or ....?
>
> Any info on that would be appreciated.
>
> Tnx es 73
>
> Mike AA9IL
>

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> [Non-text portions of this message have been removed]
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# 3283. Re: [T-368_BC-610] Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-19 19:50:44 UTC
From: rbethman
Topic: 3174  Message: 3283

Alan,

I knew it HAD to be something "simple". You kept re-iterating the top removal for coating. I *KNEW* that taking the top off and putting it back on was a "red herring" so to speak. It was the First thing on your mind SINCE it was the MOST recent thing done.

That is a normal "human" response! I used to teach, (Instructor), at a College. I taught Computer Science. Whenever the students would compile their code and get an error, I would keep telling them that the problem was NOT with the line of code where the compiler coughed up a hairball! Look at the line ABOVE that one. In other words, with radios, do NOT lock yourself into the VERY last thing you did - OR - remember you did. Most likely it WILL be a step BEFORE then that was a "significant" issue with regard to the REAL problem.

This is why Robert and myself were trying to get you to ISOLATE the real issue on a "planned" step by step trip through things.

Yes, RY-4 can be a REAL pain in the rump! IF it doesn't WORK, you'll pop fuses or breakers REAL fast. In your instance you had leakage current through the circuit, NOT a direct short. By the way, RY-4 has one specific purpose. It is for use in the SCR-399 shelter package to short the output of the BC-610 so that during receive, the PA loading cap and coil do NOT bother the receiver tuning. I "just" learned that one myself.

Having a stand-alone BC-610, that relay "just" didn't make sense to me. Now I understand.

Congratulations! Now you are back into the fray!

Bob - N0DGN

Alan Morriss wrote:
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> simple.i kick myself for not thinking of it before. the lower tag on
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> enough . as you can imagine, you cant see much with the tx in place in
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> i feel really happy this evening ! cheers, alan
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--
Bob - NØDGN

[Non-text portions of this message have been removed]

# 3284. Re: [SPAM]Re: [T-368_BC-610] Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-19 20:04:29 UTC
From: Alan Morriss
Topic: 3177  Message: 3284

oh thanks a lot bob. you were quite right. i was just working it, but there was no one on frequency. now i have to delve into the bc 342 to find out why it was smoking. at first glance all seems ok. i am sure the scr 399 will keep me busy till i fall off my perch !
i had trouble with the ry 4 when i first got the set, and it was probably me who bent the tag. it was not working, and there was a lot of noise on the 342. it was a loose connection on the relay which i had disturbed whilst cleaning out the dust and spiders.
anyway, the matchbox relay is working now, so the bc 342 antenna input is hooked up to it.
cheers, alan----- Original Message -----
From: rbethman
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, June 19, 2008 8:50 PM
Subject: [SPAM]Re: [T-368_BC-610] Re:fault

Alan,

I knew it HAD to be something "simple". You kept re-iterating the top removal for coating. I *KNEW* that taking the top off and putting it back on was a "red herring" so to speak. It was the First thing on your mind SINCE it was the MOST recent thing done.

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> i feel really happy this evening ! cheers, alan
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> ._ _

--
Bob - NØDGN

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3285. Re: [T-368_BC-610] Re:fault LONG

Yahoo group: T-368_BC-610
Date: 2008-06-19 23:57:43 UTC
From: Charlie's Place
Topic: 3270  Message: 3285

When you get the final tuned up ,throw the plate off resonance and it should peg out the plate amp meter...Throw out the tube if it does not....Charlie

He prayeth well,who loveth well,Both man and Bird and Beast.....
"Where am I? Where am I going? Why am I in a handbasket?"

--- On Thu, 6/19/08, M0GHQ <M1FDZ@...> wrote:
From: M0GHQ <M1FDZ@...>
Subject: Re: [T-368_BC-610] Re:fault LONG
To: T-368_BC-610@yahoogroups.com
Date: Thursday, June 19, 2008, 5:06 AM

Jim, I have a 4kva variac running the whole shooting match, the voltage is 114.7v stby and 108.2v in transmit so 6.5 volts sag, probably a few watts but I would not have thought 125w hihi, the plate current is 190mA and the grid is 65mA, I do not know what the plate volts are, I must measure them sometime just for reference. The 250TH was NOS but that does not really mean anything with a 65 year old final. maybe I will try another but it does mean re neutralising etc, it works fine so I tend to leave alone. Maybe it is just the frequency, some of my other BA's (ART-13 and BC-375/191 etc) are just like this some freq's high o/p and others lower. 73 Max M0GHQ

----- Original Message -----

From: James M. Walker

To: T-368_BC-610@ yahoogroups. com

Sent: Thursday, June 19, 2008 10:53 AM

Subject: Re: [T-368_BC-610] Re:fault LONG

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WB2FCN

----- Original Message -----

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To: <T-368_BC-610@ yahoogroups. com>

Sent: Thursday, June 19, 2008 3:47 AM

Subject: Re: [T-368_BC-610] Re:fault LONG

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> 73 Max M0GHQ

[Non-text portions of this message have been removed]

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# 3286. Re: [T-368_BC-610] Re:fault

Yahoo group: T-368_BC-610
Date: 2008-06-20 03:12:17 UTC
From: Warren Elly
Topic: 3174  Message: 3286

Hello All...

Sounds like something out of "On the Beach", the 1950ies thriller
about the aftermath of nuclear war...
A US sub goes all the way to home to california from australia refuge,
tracking an errant, random cw signal.
turns out its a coke bottle tangled in a blind cord...the wind is
pushing it back and forth against a cw key...
and that fine old boat anchor transmitter is smokin...

73...bc-610I serial 44, order number 3357-Phila-52

Warren W1GUD
Tampa, FL
On Jun 19, 2008, at 2:22 PM, Alan Morriss wrote:

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> so simple.i kick myself for not thinking of it before. the lower tag
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> i am afraid there is no order number on my tx, it only says
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> i feel really happy this evening ! cheers, alan
> ----- Original Message -----
> From: wa5cab@...
> To: T-368_BC-610@yahoogroups.com
> Sent: Thursday, June 19, 2008 12:22 AM
> Subject: Re: [T-368_BC-610] Re:fault
>
> How do you get the feeders out of the HO-17? Or is the RF601
> external to the
> Shelter?
>
> Also, you gave me the serial number earlier but instead of Order
> Number you
> gave BC-610-E, which I already knew.
>
> In a message dated 6/18/2008 5:27:17 PM Central Daylight Time,
> merrijoy@... writes:

> > oh thanks bob. well, i dont like coax as much as open wire feeder.
> i use
> > 600 ohm line into a doublet of 97 feet each leg for my main
> station antenna. it
> > is matched by a harris rf 601 auto coupler, and i can get out on any
> > frequency. the bc 610 is kept in our tank shed with the other
> military vehicles. the
> > antenna for that is a doublet cut to 3615, and fed with 450 ohm
> feeder.this
> > is matched to the bc 610 by the matchbox which is a marvellous
> thing i think.
>
> Robert Downs - Houston
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

# 3287. Serial numbers and contract dates

Yahoo group: T-368_BC-610
Date: 2008-06-20 09:09:42 UTC
From: M0GHQ
Topic: 3287  Message: 3287

I notice that a lot of you know the contract dates, however on all of my BC-610E models there does not appear to be any contract date at all, just the serial number and the makers name. Is there a contract date to be found elsewhere or can it be worked out from the serial number. my ones are 990, 4418 and 4427, made by Hallicrafters, they appear to be 1943 and 1944 respectively, the two later ones came from the same source and were used in Italy, I have dated them by the associated equipment I got with them so that is no real indication that the dates are correct. Any ideas? 73 Max M0GHQ

[Non-text portions of this message have been removed]

# 3288. Re: [T-368_BC-610] Re:fault LONG

Yahoo group: T-368_BC-610
Date: 2008-06-21 10:32:52 UTC
From: M0GHQ
Topic: 3270  Message: 3288

Charlie, When I put the plate tune out, the milliamps on the plate go from 190 to 300mills no more, I checked the driver mA and that is 100 so maybe the final is a bit soft, what do you think? regards Max
----- Original Message -----
From: Charlie's Place
To: T-368_BC-610@yahoogroups.com
Sent: Friday, June 20, 2008 12:57 AM
Subject: Re: [T-368_BC-610] Re:fault LONG

When you get the final tuned up ,throw the plate off resonance and it should peg out the plate amp meter...Throw out the tube if it does not....Charlie

He prayeth well,who loveth well,Both man and Bird and Beast.....
"Where am I? Where am I going? Why am I in a handbasket?"

--- On Thu, 6/19/08, M0GHQ <M1FDZ@...> wrote:
From: M0GHQ <M1FDZ@...>
Subject: Re: [T-368_BC-610] Re:fault LONG
To: T-368_BC-610@yahoogroups.com
Date: Thursday, June 19, 2008, 5:06 AM

Jim, I have a 4kva variac running the whole shooting match, the voltage is 114.7v stby and 108.2v in transmit so 6.5 volts sag, probably a few watts but I would not have thought 125w hihi, the plate current is 190mA and the grid is 65mA, I do not know what the plate volts are, I must measure them sometime just for reference. The 250TH was NOS but that does not really mean anything with a 65 year old final. maybe I will try another but it does mean re neutralising etc, it works fine so I tend to leave alone. Maybe it is just the frequency, some of my other BA's (ART-13 and BC-375/191 etc) are just like this some freq's high o/p and others lower. 73 Max M0GHQ

----- Original Message -----

From: James M. Walker

To: T-368_BC-610@ yahoogroups. com

Sent: Thursday, June 19, 2008 10:53 AM

Subject: Re: [T-368_BC-610] Re:fault LONG

Max,

My rig (BC-610(I)) has the separate 115 VAC input to just the HV tranny

primary coming in through a 20 amp. Variac (metered). That line goes

directly to the house "service panel". No sag.

My plate voltage is 2200 VDC at 200 MA. Tubes in the unit are "fairly"

fresh!

Sounds like your 250TH may be getting soft. Do you have AC input sag to your

setup when in transmit?

Jim

WB2FCN

----- Original Message -----

From: "M0GHQ" <M1FDZ@.... com>

To: <T-368_BC-610@ yahoogroups. com>

Sent: Thursday, June 19, 2008 3:47 AM

Subject: Re: [T-368_BC-610] Re:fault LONG

> Jim, This is exactly what I do except the antenna is a dipole or doublet,

> fed with 600 ohm feeder, the Matchbox will tune that to 1.0:1. I use the

> RY4 terminals from the modulator deck to run the relay in the Matchbox and

> get 275w 200mA on the plate dipped (not 400w) at 3.615MHZ out into the

> antenna, maybe my system has losses or the 250TH is not so good or the

> wattmeter reading is not so accurate but the signal is certainly

> effective. This is one of the most fun transmitters I have ever used and

> it took me near on 30 years to find a nice one and then I had to drive

> 5000+ miles to get it! I have the complete SCR-499 made by Hallicrafters.

> 73 Max M0GHQ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3289. Wanted: Top Cover for TN-339/GR Antenna Tuner

Yahoo group: T-368_BC-610
Date: 2008-06-26 15:48:30 UTC
From: wa5cab@cs.com
Topic: 3289  Message: 3289

A friend in Long Beach has a TN-339 Antenna Tuner (used with T-368 transmitter) that is missing the top cover. If anyone has a loose one, let me know. All I have is a BC-939 one (will fit but it's black wrinkle instead of flat gray finish).

Robert Downs - Houston

[Non-text portions of this message have been removed]

# 3290. Re: [T-368_BC-610] Wanted: Top Cover for TN-339/GR Antenna Tuner

Yahoo group: T-368_BC-610
Date: 2008-06-27 13:23:40 UTC
From: Alan Morriss
Topic: 3289  Message: 3290

hello robert, did you get my email about the brackets for the top cover protection switches and the correct plug for the lead ? cheers, alan
----- Original Message -----
From: wa5cab@...
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, June 26, 2008 4:48 PM
Subject: [T-368_BC-610] Wanted: Top Cover for TN-339/GR Antenna Tuner

A friend in Long Beach has a TN-339 Antenna Tuner (used with T-368 transmitter) that is missing the top cover. If anyone has a loose one, let me know. All I have is a BC-939 one (will fit but it's black wrinkle instead of flat gray finish).

Robert Downs - Houston

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3291. Re: [T-368_BC-610] Wanted: Top Cover for TN-339/GR Antenna Tuner

Yahoo group: T-368_BC-610
Date: 2008-06-28 16:34:18 UTC
From: wa5cab@cs.com
Topic: 3289  Message: 3291

Alan,

I did. Problem is time. I may get to taking a look next Wednesday. I think I had a pair of interlock switches and brackets off of a much modified -E that I scrapped 20+ years ago but first I have to find them and then make sure they are the same as what's on the -E I have.

On the plug you are looking for, I'm drawing a mental blank as to what it looks like and where in the transmitter it is mounted. Maybe a look inside the -E in Storage may answer that as well.

In a message dated 6/27/2008 8:23:59 AM Central Daylight Time,
mohawk@... writes:
> hello robert, did you get my email about the brackets for the top cover
> protection switches and the correct plug for the lead ? cheers, alan

Robert & Susan Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 3292. Re: [T-368_BC-610] Wanted: Top Cover for TN-339/GR Antenna Tuner

Yahoo group: T-368_BC-610
Date: 2008-07-06 06:50:16 UTC
From: Alan Morriss
Topic: 3289  Message: 3292

hello robert, i was just going to email you ! i found the original lead etc. the boys were moving a tank out, so put it on a shelf out of harm's way. i never thougth of looking there. the bc 610 is going really well using the johnson kilowatt matchbox.
i am still after a working chassis for a bc 611 which i can put on 3615. i have the coils and a test unit. thanks. alan
----- Original Message -----
From: wa5cab@...
To: T-368_BC-610@yahoogroups.com
Sent: Saturday, June 28, 2008 5:34 PM
Subject: Re: [T-368_BC-610] Wanted: Top Cover for TN-339/GR Antenna Tuner

Alan,

I did. Problem is time. I may get to taking a look next Wednesday. I think
I had a pair of interlock switches and brackets off of a much modified -E
that I scrapped 20+ years ago but first I have to find them and then make sure
they are the same as what's on the -E I have.

On the plug you are looking for, I'm drawing a mental blank as to what it
looks like and where in the transmitter it is mounted. Maybe a look inside the
-E in Storage may answer that as well.

In a message dated 6/27/2008 8:23:59 AM Central Daylight Time,
mohawk@... writes:
> hello robert, did you get my email about the brackets for the top cover
> protection switches and the correct plug for the lead ? cheers, alan

Robert & Susan Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3293. Re: [T-368_BC-610] Output Impedence of BC-610

Yahoo group: T-368_BC-610
Date: 2008-07-09 06:28:44 UTC
From: w7qho@aol.com
Topic: 3250  Message: 3293

In a message dated 6/17/08 4:43:45 PM, rbethman@... writes:

> The manual that Charlie provided the link to does indeed say "73 ohm
> 400W noninductive dummy load".
>
This manual also calls for the use of the doublet antenna and concomitantly specifies the use of the variable link PA coils. Accordingly, the use of a 73 ohm dummy load would be appropriate the power output of the transmitter would be controlled by the angular position of the link.

>
> Yet, the ME-165 manual states that it is a 50/51 ohm 600W non-inductive
> dummy load, TM 11-6625-333- du
>
Yes, and the BC-610 using the variable link coils can be adjusted to provide rated power out to this 50 ohm load too as you have discovered. The position of the link would be different, of course, than with a 73 ohm load. In fact, the variable link arrangement is capable of accommodating a WIDE range of load impedances.

>
> My TM 11-826, in the SAME paragraph number says something ENTIRELY
> different!
>
> It states: The dummy antenna consists of a series connected 146 ohm,
> 400-watt resistot and a 50 uuf capacitor.
>
> So whom knows?
>
Don't know the date on your manual, but my TM 11-826 dated October 1952 specifies the same dummy load arrangement BUT ALSO SPECIFIES THE USE OF FIXED LINK COILS when making PA power output tests. In this arrangement PA loading would be controlled by means of the 50 uuf VARIABLE capacitor. Check the associated Table XV in your manual.

>
> I know without question that MY -I and my T-213 want and love 50 ohms.
>
>
Would probably be equally happy with 40, 73 or even 100 ohms, but the variable link positions would be different for each.

Dennis D. W7QHO
Glendale, CA

**********
Gas prices getting you down? Search AOL Autos for
fuel-efficient used cars.
(http://autos.aol.com/used?ncid=aolaut00050000000007)

[Non-text portions of this message have been removed]

# 3294. Re: [T-368_BC-610] Output Impedence of BC-610

Yahoo group: T-368_BC-610
Date: 2008-07-09 19:13:39 UTC
From: rbethman
Topic: 3250  Message: 3294

Dennis,

The fixed link coils were the EARLY coils. Such as those shipped with E models.

The variable link coils are the LATER coils. Such as those shipped with the SCR-399 using "H", "I", and the T-213. My T-213 was converted by depot from a BC-610 to its current designation in 1959. The porcelain insulators for output are no longer in existence. It shipped with ALL variable link coils right from depot.

A dipole exhibiting 50 ohms at its connector, (point of attachment to radio), will indeed be approximately 73 ohms at the point where the coax feeds the legs. At least that is what we all learned LONG time ago when we got licensed. Current antenna analyzers show this without having to play with formulas.

The only "funny" thing about EITHER the BC-610 or T-213 is its characteristic DISLIKE for an Alpha-Delta multi-band dipole that uses an inductor to "act" as a trap to separate 40mtrs from 80mtrs. It will NOT properly load into either band. Remove the inductor and the remaining wire for 80mtrs and it will happily load all day long into the 40 mtr segment. I suspect that a TRUE trap composed of capacitance AND inductance would work just fine.

I took issue with the "simplistic" view that a BC-610 IS a one single impedance transmitter. Where is ANY adjustable PA output Tx a "single" impedance?

They are NOT. That is WHY they are adjustable. I was also "told" the ME-165 was NOT for use with BC-610s - BUT was meant for T-368s! Hooey!

Bob - N0DGN

--
Bob - N?DGN

# 3295. Re: [SPAM]Re: [T-368_BC-610] Output Impedence of BC-610

Yahoo group: T-368_BC-610
Date: 2008-07-09 20:08:40 UTC
From: Alan Morriss
Topic: 3295  Message: 3295

hello bob, you are quite correct. i found my bc 610 matched a doublet cut for 80. it did 40 and 20 as well on the same antenna. that was using the cord 1290 which is 50 feet of coax. with a dipole centre piece at one end.
it would not do this using twin feeder, or any other coax. i now have a johnson kilowatt matchbox, which is great, and of course i can use the same antenna for receiving. cheers, alan g4gen
----- Original Message -----
From: rbethman
Cc: W7QHO@...
Sent: Wednesday, July 09, 2008 8:13 PM
Subject: [SPAM]Re: [T-368_BC-610] Output Impedence of BC-610

Dennis,

The fixed link coils were the EARLY coils. Such as those shipped with E models.

The variable link coils are the LATER coils. Such as those shipped with the SCR-399 using "H", "I", and the T-213. My T-213 was converted by depot from a BC-610 to its current designation in 1959. The porcelain insulators for output are no longer in existence. It shipped with ALL variable link coils right from depot.

A dipole exhibiting 50 ohms at its connector, (point of attachment to radio), will indeed be approximately 73 ohms at the point where the coax feeds the legs. At least that is what we all learned LONG time ago when we got licensed. Current antenna analyzers show this without having to play with formulas.

The only "funny" thing about EITHER the BC-610 or T-213 is its characteristic DISLIKE for an Alpha-Delta multi-band dipole that uses an inductor to "act" as a trap to separate 40mtrs from 80mtrs. It will NOT properly load into either band. Remove the inductor and the remaining wire for 80mtrs and it will happily load all day long into the 40 mtr segment. I suspect that a TRUE trap composed of capacitance AND inductance would work just fine.

I took issue with the "simplistic" view that a BC-610 IS a one single impedance transmitter. Where is ANY adjustable PA output Tx a "single" impedance?

They are NOT. That is WHY they are adjustable. I was also "told" the ME-165 was NOT for use with BC-610s - BUT was meant for T-368s! Hooey!

Bob - N0DGN

--
Bob - NØDGN

[Non-text portions of this message have been removed]

# 3296. Re: [T-368_BC-610] Output Impedence of BC-610

Yahoo group: T-368_BC-610
Date: 2008-07-09 20:28:29 UTC
From: Robert Heaton
Topic: 3250  Message: 3296

HI Guys
F>Y>I
Way back when...we in depot mtce were instructed to check he following:

MFR
Model #
Serial #
Date of mfr
Addendums
Service bullitens
Modification status
Field revisions

Then access the T O appropriate to this unit...IF..infact the tech data storage holder on the unit did  not have an active copy onboard.

Next to perform a visual inspection looking for any (Field Mods) not specifically authorized or approved. {many times local command found reason to make "unauthorized modifications" as their particular needs dictated.

As one Tech Sgt tol me. "Our job is to make the "damn" thing do what the old man wants !

This adds up to finding a MULTITUDE of of variations, all over the world today.

This was perhaps one of the best pieces of iron we ever had to work with.

Today it is still a classic.

73 Bob  wb4jpz1@...  /formerly NFMZ  / etc

Manfr-- On Wed, 7/9/08, w7qho@... <w7qho@...> wrote:

From: w7qho@... <w7qho@...>
Subject: Re: [T-368_BC-610] Output Impedence of BC-610
To: rbethman@..., T-368_BC-610@yahoogroups.com
Date: Wednesday, July 9, 2008, 2:28 AM

In a message dated 6/17/08 4:43:45 PM, rbethman@comcast. net writes:

> The manual that Charlie provided the link to does indeed say "73 ohm
> 400W noninductive dummy load".
>
This manual also calls for the use of the doublet antenna and concomitantly specifies the use of the variable link PA coils. Accordingly, the use of a 73 ohm dummy load would be appropriate the power output of the transmitter would be controlled by the angular position of the link.

>
> Yet, the ME-165 manual states that it is a 50/51 ohm 600W non-inductive
> dummy load, TM 11-6625-333- du
>
Yes, and the BC-610 using the variable link coils can be adjusted to provide
rated power out to this 50 ohm load too as you have discovered. The position
of the link would be different, of course, than with a 73 ohm load. In fact,
the variable link arrangement is capable of accommodating a WIDE range of load
impedances.

>
> My TM 11-826, in the SAME paragraph number says something ENTIRELY
> different!
>
> It states: The dummy antenna consists of a series connected 146 ohm,
> 400-watt resistot and a 50 uuf capacitor.
>
> So whom knows?
>
Don't know the date on your manual, but my TM 11-826 dated October 1952
specifies the same dummy load arrangement BUT ALSO SPECIFIES THE USE OF FIXED LINK
COILS when making PA power output tests. In this arrangement PA loading
would be controlled by means of the 50 uuf VARIABLE capacitor. Check the
associated Table XV in your manual.

>
> I know without question that MY -I and my T-213 want and love 50 ohms.
>
>
Would probably be equally happy with 40, 73 or even 100 ohms, but the
variable link positions would be different for each.

Dennis D. W7QHO
Glendale, CA

********** **
Gas prices getting you down? Search AOL Autos for
fuel-efficient used cars.
(http://autos. aol.com/used? ncid=aolaut00050 000000007)

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3297. Re: [T-368_BC-610] Output Impedance of BC-610

Yahoo group: T-368_BC-610
Date: 2008-07-09 21:00:03 UTC
From: rbethman
Topic: 3250  Message: 3297

Bob,

I agree wholeheartedly! It IS better than a Timex! They just keep
going and going.

I believe some folks get all caught up in the "mobile" setup as
originally intended. If you are going to play with the whip or Uncle's
"long wire", then the BC-939 is the ONLY way to fly.

As to "field modifications", the only ones I've seen have been done by
Amateur Operators. I saw one where "someone" decided to put an aluminum
plate between the oscillator section and the PA section. I know that
this was NEVER done by Uncle. It does NOT need it.

Simple philosophy - Don't fix what ain't broke!

Another one: Don't take it apart to see WHY it works!

Bob N0DGN

Robert Heaton wrote:
>
>
> HI Guys
> F>Y>I
> Way back when...we in depot mtce were instructed to check he following:
>
> MFR
> Model #
> Serial #
> Date of mfr
> Addendums
> Service bullitens
> Modification status
> Field revisions
>
> Then access the T O appropriate to this unit...IF..infact the tech
> data storage holder on the unit did not have an active copy onboard.
>
> Next to perform a visual inspection looking for any (Field Mods) not
> specifically authorized or approved. {many times local command found
> reason to make "unauthorized modifications" as their particular needs
> dictated.
>
> As one Tech Sgt tol me. "Our job is to make the "damn" thing do what
> the old man wants !
>

> This adds up to finding a MULTITUDE of of variations, all over the
> world today.
>
> This was perhaps one of the best pieces of iron we ever had to work with.
>
> Today it is still a classic.
>
> 73 Bob wb4jpz1@... <mailto:wb4jpz1%40yahoo.com> /formerly
> NFMZ / etc
>
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

# 3298. SIG TEST

Yahoo group: T-368_BC-610
Date: 2008-07-10 19:26:22 UTC
From: wa5cab@cs.com
Topic: 3298  Message: 3298

test

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 3299. Re: [T-368_BC-610] SIG TEST

Yahoo group: T-368_BC-610
Date: 2008-07-10 19:33:28 UTC
From: rbethman
Topic: 3298  Message: 3299

Test good.

What's Plate Current? <G>

Hasn't Joe got your mail flowing right yet?

Bob - N0DGN

wa5cab@... wrote:
>
> test
>
> Robert Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
> <wa5cab@... <mailto:wa5cab%40cs.com>> (Primary email)
> <wa5cab@... <mailto:wa5cab%40comcast.net>> (Backup email)
>
>
> [Non-text portions of this message have been removed]
>
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

# 3300. Re: [T-368_BC-610] SIG TEST

Yahoo group: T-368_BC-610
Date: 2008-07-10 19:47:38 UTC
From: rbethman
Topic: 3298  Message: 3300

Retrans.....

Test good.

What's Plate Current? <G>

Hasn't Joe got your mail flowing right yet?

Bob - N0DGN

wa5cab@... wrote:
>
> test
>
> Robert Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
> <wa5cab@...m <mailto:wa5cab%40cs.com>> (Primary email)
> <wa5cab@... <mailto:wa5cab%40comcast.net>> (Backup email)
>
>
> [Non-text portions of this message have been removed]
>
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

# 3301. Re: [T-368_BC-610] SIG TEST

Yahoo group: T-368_BC-610
Date: 2008-07-10 19:53:51 UTC
From: Geoff/W5OMR
Topic: 3298  Message: 3301

wa5cab@... wrote:
> test
>
ACK

# 3302. Re: [T-368_BC-610] SIG TEST + TN-339 cover

Yahoo group: T-368_BC-610
Date: 2008-07-10 19:59:48 UTC
From: wa5cab@cs.com
Topic: 3302  Message: 3302

Plate current is 7 megamps. Plate voltage is 5 microvolts.

I finally figured out what it was in my signature block that Yahoo was blocking. It was the URL to my store. Which is dumb as every email sent out from the list here has a tail of five of them. But anyway so was sbcglobal and I now suspect some others where I've answered people repeatedly and either never heard from them again or they repeated the question they asked.

BTW, I posted an inquiry to several lists last week and I don't recall whether in the one to this list I remembered to delete the signature. So I'll repeat it. Does anyone have a loose TN-339 cover or a junker they would sell the cover off of? A friend on the Left Coast has TN-339 S/N 1, sans cover.

In a message dated 7/10/2008 2:34:26 PM Central Daylight Time,
rbethman@... writes:
> Test good.
>
> What's Plate Current? <G>
>
> Hasn't Joe got your mail flowing right yet?
>
> Bob - N0DGN
>
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 3303. Re: [T-368_BC-610] SIG TEST + TN-339 cover

Yahoo group: T-368_BC-610
Date: 2008-07-10 20:33:46 UTC
From: Geoff/W5OMR
Topic: 3302  Message: 3303

wa5cab@... wrote:
> Plate current is 7 megamps. Plate voltage is 5 microvolts.
>
> I finally figured out what it was in my signature block that Yahoo was
> blocking. It was the URL to my store.
>

I don't think that was it.

> Alan,
>
> I did. Problem is time. I may get to taking a look next Wednesday. I think
> I had a pair of interlock switches and brackets off of a much modified -E
> that I scrapped 20+ years ago but first I have to find them and then make sure
> they are the same as what's on the -E I have.
>
> On the plug you are looking for, I'm drawing a mental blank as to what it
> looks like and where in the transmitter it is mounted. Maybe a look inside the
> -E in Storage may answer that as well.
>
> In a message dated 6/27/2008 8:23:59 AM Central Daylight Time,
> mohawk@... writes:
>
>> > hello robert, did you get my email about the brackets for the top cover
>> > protection switches and the correct plug for the lead ? cheers, alan
>>
>
> Robert & Susan Downs - Houston
> <http://www.wa5cab.com> (Web Store)
> MVPA 9480
> <wa5cab@...> (Primary email)
> <wa5cab@...> (Backup email)
>

and, that was in the subject line of the T-339 cover.

I would remind everyone that -most- of these email lists (as well as I)
prefer and some insist, that you send -plain text only- messages (no
html, no special formatting, or special fonts, etc...) otherwise, the
message will -not- go through.

--
73 = Best Regards,
-Geoff/W5OMR

# 3304. Microphonics, hum, and carrier

Yahoo group: T-368_BC-610
Date: 2008-07-10 21:29:33 UTC
From: mike Kana
Topic: 3304  Message: 3304

Hi all

I have been in consultation off list on this
but wanted to throw this out to the group as
well - I have been offline testing my T3
until I get the external L strung - when listening
in tune and op on an external HF RX, I hear
a bit of hum on the carrier.

One suggestion was possible microphonics and
that fan does do some vibrating - not sure
how to handle that short of building a stand alone
blower and feed into the cabinet.

Any other folks run into this slight hum issue -
obviously I want my audio to sound good and
plan to do the audio mods but if there are
some hints/kinks on sniffing out a slight hum
then that would be great to hear - it its
something intrinsic to the system then ohwell but
I think some poking around is in order.

73 de Mike
AA9IL

# 3305. Re: [T-368_BC-610] Microphonics, hum, and carrier

Yahoo group: T-368_BC-610
Date: 2008-07-10 21:39:54 UTC
From: w7qho@aol.com
Topic: 3304  Message: 3305

Recommend getting on the air and see if anyone else can hear it. You may not have a problem.

Dennis D. W7QHO
Glendale, CA

**********
Get the scoop on last night's hottest shows and the live music scene in your area - Check out TourTracker.com!

(http://www.tourtracker.com?NCID=aolmus00050000000112)

[Non-text portions of this message have been removed]

# 3306. Re: [T-368_BC-610] Microphonics, hum, and carrier

Yahoo group: T-368_BC-610
Date: 2008-07-11 01:59:25 UTC
From: Joe Foley
Topic: 3304  Message: 3306

Tighten the nut that holds the microphone plug onto the front panel, then tighten ALL other grounds throughout the transmitter just to be sure/anal.  That should shunt all stray voltages to ground.  Remove paint, rust, corrosion, mold, slime, etc. as needed.

Oh, yeah, ... clean, clean, clean.

The blower isn't really necessary unless you're going key-down all day long, but you could mount it in rubber if it still roars after replacing the bearings.  A turning vane in the 90 degree fitting will help, too.  Punching the hole in the back panel out to it's max diameter will help, too.

Joe

--- On Thu, 7/10/08, mike Kana <aa9il@...> wrote:
From: mike Kana <aa9il@...>
Subject: [T-368_BC-610] Microphonics, hum, and carrier
To: T-368_BC-610@yahoogroups.com
Date: Thursday, July 10, 2008, 5:29 PM

Hi all

I have been in consultation off list on this

but wanted to throw this out to the group as

well - I have been offline testing my T3

until I get the external L strung - when listening

in tune and op on an external HF RX, I hear

a bit of hum on the carrier.

One suggestion was possible microphonics and

that fan does do some vibrating - not sure

how to handle that short of building a stand alone

blower and feed into the cabinet.

Any other folks run into this slight hum issue -

obviously I want my audio to sound good and

plan to do the audio mods but if there are

some hints/kinks on sniffing out a slight hum

then that would be great to hear - it its

something intrinsic to the system then ohwell but

I think some poking around is in order.

73 de Mike

AA9IL

[Non-text portions of this message have been removed]

# 3307. Re: [T-368_BC-610] Wanted: Top Cover for TN-339/GR Antenna Tuner

Yahoo group: T-368_BC-610
Date: 2008-07-06 14:39:10 UTC
From: wa5cab@cs.com
Topic: 3289  Message: 3307

Alan,

I'm glad that you located it. I haven't gotten around to looking yet. Every
week that passes seems to find me a week and a half farther behind.

On the BC-611, the only way to know whether a chassis is working is to fire
it up, test it and if necessary repair it. I simply don't have the time to do
that. If the thing works perfectly, it will take 2 or 3 hours start to
finish. And odds are there will be at least something needing repair, most commonly
the audio output capacitor. Which is another hour. The best I could do on a
bare chassis is make sure there's nothing obviously wrong. If you really
mean a complete radio and not just a chassis, your best bet would be to find one
on eBay that as far as you can tell isn't a basket case, buy it, find out what
parts are missing (there are almost always some as most sellers are clueless,
and fix it. I would try to avoid the BC-611-F because it is not uncommon to
find one or more open coils in the IF transformers. And although I once had a
good stock of replacements, I am about to use my last one.

In a message dated 7/6/2008 1:50:36 AM Central Daylight Time,
mohawk@... writes:
> hello robert, i was just going to email you ! i found the original lead
> etc. the boys were moving a tank out, so put it on a shelf out of harm's way. i
> never thougth of looking there. the bc 610 is going really well using the
> johnson kilowatt matchbox.
> i am still after a working chassis for a bc 611 which i can put on 3615. i
> have the coils and a test unit. thanks. alan

Robert & Susan Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 3308. Re: [T-368_BC-610] SIG TEST + TN-339 cover

Yahoo group: T-368_BC-610
Date: 2008-07-11 02:10:19 UTC
From: Joe Foley
Topic: 3302  Message: 3308

Be advised:  I get no warning that someone's posting has been dumped into the spam bucket, I have to go check it whenever I get a round toit, and they are hard to come by!!

This one came through fine, what ever you did worked.  There is nothing I can do from this end about posts that go into the spam dumpster.

Now, then!  About that 7 MEGamps of  Plate Current,.....  I think you're bragging, Bob.

Joe

--- On Thu, 7/10/08, wa5cab@... <wa5cab@...> wrote:
From: wa5cab@... <wa5cab@...>
Subject: Re: [T-368_BC-610] SIG TEST + TN-339 cover
To: T-368_BC-610@yahoogroups.com
Date: Thursday, July 10, 2008, 3:59 PM

Plate current is 7 megamps. Plate voltage is 5 microvolts.

I finally figured out what it was in my signature block that Yahoo was

blocking. It was the URL to my store. Which is dumb as every email sent out from

the list here has a tail of five of them. But anyway so was sbcglobal and I

now suspect some others where I've answered people repeatedly and either never

heard from them again or they repeated the question they asked.

BTW, I posted an inquiry to several lists last week and I don't recall

whether in the one to this list I remembered to delete the signature. So I'll

repeat it. Does anyone have a loose TN-339 cover or a junker they would sell the

cover off of? A friend on the Left Coast has TN-339 S/N 1, sans cover.

In a message dated 7/10/2008 2:34:26 PM Central Daylight Time,

rbethman@comcast. net writes:

> Test good.

>

> What's Plate Current? <G>

>

> Hasn't Joe got your mail flowing right yet?

>

> Bob - N0DGN

>

>

Robert Downs - Houston

wa5cab dot com (Web Store)

MVPA 9480

<wa5cab@...> (Primary email)

<wa5cab@comcast. net> (Backup email)

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3309. Re: [T-368_BC-610] SIG TEST + TN-339 cover

Yahoo group: T-368_BC-610
Date: 2008-07-11 03:10:24 UTC
From: wa5cab@cs.com
Topic: 3302  Message: 3309

Joe,

Maybe I multiplied when I should have divided. You know how slide rules are about that. :-)

Just as a passing comment, it is my considered opinion that spam blockers have surpassed spam as the worst email problem.

In a message dated 7/10/2008 9:10:31 PM Central Daylight Time, redmenaced@... writes:
> Be advised: I get no warning that someone's posting has been dumped into
> the spam bucket, I have to go check it whenever I get a round toit, and they
> are hard to come by!!
>
> This one came through fine, what ever you did worked. There is nothing I
> can do from this end about posts that go into the spam dumpster.
>
> Now, then! About that 7 MEGamps of Plate Current,..... I think you're
> bragging, Bob.
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 3310. Re: [T-368_BC-610] Wanted: Top Cover for TN-339/GR Antenna Tuner

Yahoo group: T-368_BC-610
Date: 2008-07-11 06:04:24 UTC
From: Alan Morriss
Topic: 3289  Message: 3310

hello bob, thanks for trying. i will do as you suggest about the chassis. cheers, alan
----- Original Message -----
From: wa5cab@...
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, July 06, 2008 3:39 PM
Subject: Re: [T-368_BC-610] Wanted: Top Cover for TN-339/GR Antenna Tuner

Alan,

I'm glad that you located it. I haven't gotten around to looking yet. Every
week that passes seems to find me a week and a half farther behind.

On the BC-611, the only way to know whether a chassis is working is to fire
it up, test it and if necessary repair it. I simply don't have the time to do
that. If the thing works perfectly, it will take 2 or 3 hours start to
finish. And odds are there will be at least something needing repair, most commonly
the audio output capacitor. Which is another hour. The best I could do on a
bare chassis is make sure there's nothing obviously wrong. If you really
mean a complete radio and not just a chassis, your best bet would be to find one
on eBay that as far as you can tell isn't a basket case, buy it, find out what
parts are missing (there are almost always some as most sellers are clueless,
and fix it. I would try to avoid the BC-611-F because it is not uncommon to
find one or more open coils in the IF transformers. And although I once had a
good stock of replacements, I am about to use my last one.

In a message dated 7/6/2008 1:50:36 AM Central Daylight Time,
mohawk@... writes:
> hello robert, i was just going to email you ! i found the original lead
> etc. the boys were moving a tank out, so put it on a shelf out of harm's way. i
> never thougth of looking there. the bc 610 is going really well using the
> johnson kilowatt matchbox.
> i am still after a working chassis for a bc 611 which i can put on 3615. i
> have the coils and a test unit. thanks. alan

Robert & Susan Downs - Houston
<http://www.wa5cab.com> (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3311. CRYSTALS FOR BC610

Yahoo group: T-368_BC-610
Date: 2008-07-11 08:42:48 UTC
From: Bry Carling
Topic: 3311  Message: 3311

I still have somne FT171B CRYSTALS for BC610 transmitters
if anyone needs some. Take a look at:

http://www.af4k.com/FT171_crystals.htm

73 - AF4K, Brian

[Non-text portions of this message have been removed]

# 3312. T-368 Bias Disaster

Yahoo group: T-368_BC-610
Date: 2008-07-11 14:39:18 UTC
From: Keith Densmore
Topic: 3312  Message: 3312

Hello All,
I've been off this list since Febuary, with a move to the frozen North. It's great to be back!
For what it is worth---
I had an experience with the T-368 that was not pleasant. In the process of getting the transmitter settled in it's new home, I did an alignment, and changed out the final and 6000 driver. All was well, she was putting out about 400 watts. The next time I powered it up, no drive, no output. Investigation showed a brand new 6000 tube with visible signs of damage (ouch!). Turns out the bias 5R4 rectifier failed, taking the 6000 with it. Had it been in AM, the modulators might have suffered the same fate.
Most high power transmitters I have seen have a cut out relay in the bias line as part of the interlock. No bias, no B+ voltages. But the T-368 does not do this.
Here's Murphy's lesson on this one--solid state the 5R4 bias line rectifier and/or install a interlock relay which runs off the bias voltage.

73 all,
Keith ve3ts

# 3313. Re: [T-368_BC-610] Wanted: Top Cover for TN-339/GR Antenna Tuner

Yahoo group: T-368_BC-610
Date: 2008-07-11 14:41:26 UTC
From: wa5cab@cs.com
Topic: 3289  Message: 3313

Alan,

OK. When you do find the radio, if it is missing parts or some are in poor condition, let me know what they are. Although I don't have all that I once had, I do still have a few of the commonly needed ones.

In a message dated 7/11/2008 1:05:10 AM Central Daylight Time,
mohawk@... writes:
> hello bob, thanks for trying. i will do as you suggest about the chassis.
> cheers, alan
> ----- Original Message -----
> From: wa5cab@...
> To: T-368_BC-610@yahoogroups.com
> Sent: Sunday, July 06, 2008 3:39 PM
> Subject: Re: [T-368_BC-610] Wanted: Top Cover for TN-339/GR Antenna Tuner
>
>
> Alan,
>
> I'm glad that you located it. I haven't gotten around to looking yet.
> Every
> week that passes seems to find me a week and a half farther behind.
>
> On the BC-611, the only way to know whether a chassis is working is to
> fire
> it up, test it and if necessary repair it. I simply don't have the time to
> do
> that. If the thing works perfectly, it will take 2 or 3 hours start to
> finish. And odds are there will be at least something needing repair, most
> commonly
> the audio output capacitor. Which is another hour. The best I could do on
> a
> bare chassis is make sure there's nothing obviously wrong. If you really
> mean a complete radio and not just a chassis, your best bet would be to
> find one
> on eBay that as far as you can tell isn't a basket case, buy it, find out
> what
> parts are missing (there are almost always some as most sellers are
> clueless,
> and fix it. I would try to avoid the BC-611-F because it is not uncommon
> to
> find one or more open coils in the IF transformers. And although I once
> had a
> good stock of replacements, I am about to use my last one.
>

>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 3314. Help--blower motor! T-368

Yahoo group: T-368_BC-610
Date: 2008-07-11 15:03:54 UTC
From: Keith Densmore
Topic: 3314  Message: 3314

Hello Again,
The large blower motor on my T-368 is making noise consistent with bad/ or unlubed bearings. (Metallic whine).
I've never attempted to repair or replace bearing on an electric motor. Is it difficult? Anyone on the list done it with that back blower?

Thanks All, 73,
Keith ve3ts

# 3315. Re: [T-368_BC-610] Wanted: Top Cover for TN-339/GR Antenna Tuner

Yahoo group: T-368_BC-610
Date: 2008-07-11 15:36:13 UTC
From: wa5cab@cs.com
Topic: 3289  Message: 3315

Oops.

In a message dated 7/11/2008 9:41:40 AM Central Daylight Time, wa5cab@...
writes:
> Alan,
>
> OK. When you do find the radio, if it is missing parts or some are in poor
> condition, let me know what they are. Although I don't have all that I once
>
> had, I do still have a few of the commonly needed ones.
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 3316. Re: [T-368_BC-610] Wanted: Top Cover for TN-339/GR Antenna Tuner

Yahoo group: T-368_BC-610
Date: 2008-07-11 16:30:38 UTC
From: Alan Morriss
Topic: 3289  Message: 3316

thamks bob. i reckon i will be ok with a bit of effort. cheers, alan
----- Original Message -----
From: wa5cab@...
To: T-368_BC-610@yahoogroups.com
Sent: Friday, July 11, 2008 4:36 PM
Subject: Re: [T-368_BC-610] Wanted: Top Cover for TN-339/GR Antenna Tuner

Oops.

In a message dated 7/11/2008 9:41:40 AM Central Daylight Time, wa5cab@...
writes:
> Alan,
>
> OK. When you do find the radio, if it is missing parts or some are in poor
> condition, let me know what they are. Although I don't have all that I once
>
> had, I do still have a few of the commonly needed ones.
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

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[Non-text portions of this message have been removed]

# 3317. Re: [T-368_BC-610] Help--blower motor! T-368

Yahoo group: T-368_BC-610
Date: 2008-07-11 16:38:38 UTC
From: Dave And Merrijoy
Topic: 3314  Message: 3317

Hello to the Group,
I joined this list some time back, not because I own either a '610 or a '368, but because I hope to one day. I say this because I don't have any experience with these transmitters but I see a potential for a repair job that end in difficulty.
This is in regard to your bearing problem...if I experienced that here in central Indiana, I believe it would be cost effective to remove the motor and take it to an electric motor specialist. What they can generally do in minutes, it would take me quite a bit longer plus the problems I might incur while disassembling a motor. It is a bit of a specialized work. I would think bearings would be quite a bit more universal than perhaps other areas of these big transmitters.
I see by your call you're a ve3. Wouldn't you have an electric motor shop in your area?
Dave w9ocm

----- Original Message -----
From: Keith Densmore
To: T-368_BC-610@yahoogroups.com
Sent: Friday, July 11, 2008 11:03 AM
Subject: [T-368_BC-610] Help--blower motor! T-368

Hello Again,
The large blower motor on my T-368 is making noise consistent with bad/ or unlubed bearings. (Metallic whine).
I've never attempted to repair or replace bearing on an electric motor. Is it difficult? Anyone on the list done it with that back blower?

Thanks All, 73,
Keith ve3ts

---

No virus found in this incoming message.
Checked by AVG.
Version: 7.5.524 / Virus Database: 270.4.7/1544 - Release Date: 7/10/2008 7:37 AM

[Non-text portions of this message have been removed]

# 3318. Re: [T-368_BC-610] Help--blower motor! T-368

Yahoo group: T-368_BC-610
Date: 2008-07-12 03:32:44 UTC
From: Joe Foley
Topic: 3314  Message: 3318

Its not too bad to do, if you have trouble getting the old bearings off the shaft, or getting the new ones on, take it to a machinist and he can press them off and on in a few minutes then you can take the shaft home and put it all back together again.

Joe

--- On Fri, 7/11/08, Keith Densmore <densmore@...> wrote:
From: Keith Densmore <densmore@...ico.ca>
Subject: [T-368_BC-610] Help--blower motor! T-368
To: T-368_BC-610@yahoogroups.com
Date: Friday, July 11, 2008, 11:03 AM

Hello Again,

The large blower motor on my T-368 is making noise consistent with bad/ or

unlubed bearings. (Metallic whine).

I've never attempted to repair or replace bearing on an electric motor. Is

it difficult? Anyone on the list done it with that back blower?

Thanks All, 73,

Keith ve3ts

[Non-text portions of this message have been removed]

# 3319. Re: [T-368_BC-610] Help--blower motor! T-368

Yahoo group: T-368_BC-610
Date: 2008-07-13 15:39:57 UTC
From: Mark Foltarz
Topic: 3314  Message: 3319

Group,
   The lower  blower in my T-3 just decided to get noisy about 2 days ago.
  Anyone know the part #  and supplier for replacement bearings ?
  And hello to Keith up there in Ajax !  Hows the parrot ?
 de KA4JVY
Mark

----- Original Message ----
From: Joe Foley <redmenaced@...>
To: T-368_BC-610@yahoogroups.com
Sent: Friday, July 11, 2008 11:32:44 PM
Subject: Re: [T-368_BC-610] Help--blower motor! T-368

Its not too bad to do, if you have trouble getting the old bearings off the shaft, or getting the new ones on, take it to a machinist and he can press them off and on in a few minutes then you can take the shaft home and put it all back together again.

 Joe

--- On Fri, 7/11/08, Keith Densmore <densmore@ntl. sympatico. ca> wrote:
From: Keith Densmore <densmore@ntl. sympatico. ca>
Subject: [T-368_BC-610] Help--blower motor! T-368
To: T-368_BC-610@ yahoogroups. com
Date: Friday, July 11, 2008, 11:03 AM

Hello Again,

The large blower motor on my T-368 is making noise consistent with bad/ or

unlubed bearings. (Metallic whine).

I've never attempted to repair or replace bearing on an electric motor. Is

it difficult? Anyone on the list done it with that back blower?

Thanks All, 73,

Keith ve3ts

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3320. Surely someone can help this guy out

Yahoo group: T-368_BC-610
Date: 2008-07-21 01:42:46 UTC
From: redmenaced
Topic: 3320  Message: 3320

Hello-
I hauled home what looks to be a BC610 plate transformer in some old stuff. It has a 115 VAC Primary. I have not checked it out yet. I do not need it and would like to trade it to someone in the greater Houston, TX area.
I am in Alvin. Thanks, Byron WA5THJ.

# 3321. Re: [T-368_BC-610] Surely someone can help this guy out

Yahoo group: T-368_BC-610
Date: 2008-07-21 02:19:07 UTC
From: wa5cab@cs.com
Topic: 3320  Message: 3321

If no one in the Houston area currently needs it, I'll take care of it.
Transformer is for an -E or earlier. If anyone in the Houston area needs it,
contact Byron direct. If anyone elsewhere needs it, contact me.

In a message dated 7/20/2008 8:43:02 PM Central Daylight Time,
redmenaced@... writes:
> Hello-
> I hauled home what looks to be a BC610 plate transformer in some
> old stuff. It has a 115 VAC Primary. I have not checked it out yet. I
> do not need it and would like to trade it to someone in the greater
> Houston, TX area.
> I am in Alvin. Thanks, Byron WA5THJ.
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 3322. Re: [T-368_BC-610] Surely someone can help this guy out

Yahoo group: T-368_BC-610
Date: 2008-07-21 02:29:54 UTC
From: Joe Foley
Topic: 3320  Message: 3322

Good man, Bob, well done.

Joe

--- On Sun, 7/20/08, wa5cab@... <wa5cab@...> wrote:
From: wa5cab@... <wa5cab@...>
Subject: Re: [T-368_BC-610] Surely someone can help this guy out
To: T-368_BC-610@yahoogroups.com
Date: Sunday, July 20, 2008, 10:19 PM

If no one in the Houston area currently needs it, I'll take care of it.

Transformer is for an -E or earlier. If anyone in the Houston area needs it,

contact Byron direct. If anyone elsewhere needs it, contact me.

In a message dated 7/20/2008 8:43:02 PM Central Daylight Time,

redmenaced@yahoo. com writes:

> Hello-

> I hauled home what looks to be a BC610 plate transformer in some

> old stuff. It has a 115 VAC Primary. I have not checked it out yet. I

> do not need it and would like to trade it to someone in the greater

> Houston, TX area.

> I am in Alvin. Thanks, Byron WA5THJ.

>

Robert Downs - Houston

wa5cab dot com (Web Store)

MVPA 9480

<wa5cab@...> (Primary email)

<wa5cab@comcast. net> (Backup email)

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3323. Re: [T-368_BC-610] Surely someone can help this guy out

Yahoo group: T-368_BC-610
Date: 2008-07-21 10:17:04 UTC
From: Tom Smith
Topic: 3320  Message: 3323

Byron,

Shame on you for hauling that kind of junk home. I thought you were
into the lighter HBR stuff. I've got a BC-610-I with the potted
transformers. Mine is ok but you never know when lightning might
strike. What are you in now that I might have?

How's Janie?

Tom N5AMA

On Mon, 21 Jul 2008 01:42:46 -0000
"redmenaced" <redmenaced@...> wrote:
> Hello-
> I hauled home what looks to be a BC610 plate transformer in some
> old stuff. It has a 115 VAC Primary. I have not checked it out yet.
>I
> do not need it and would like to trade it to someone in the greater
> Houston, TX area.
> I am in Alvin. Thanks, Byron WA5THJ.
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 3324. Re: [T-368_BC-610] Surely someone can help this guy out

Yahoo group: T-368_BC-610
Date: 2008-07-21 14:38:08 UTC
From: Geoff/W5OMR
Topic: 3320  Message: 3324

redmenaced wrote:
> Hello-
> I hauled home what looks to be a BC610 plate transformer in some
> old stuff. It has a 115 VAC Primary. I have not checked it out yet. I
> do not need it and would like to trade it to someone in the greater
> Houston, TX area.
> I am in Alvin. Thanks, Byron WA5THJ.
>

Byron, check with Perry/W5KGZ over in Bevel Oaks (between Sour Lake and Beaumont, on 105). He's got 3 610's now and could probably use all the spares he can get.

--
73 = Best Regards,
-Geoff/W5OMR

# 3325. Re: [T-368_BC-610] Surely someone can help this guy out

Yahoo group: T-368_BC-610
Date: 2008-07-22 02:27:11 UTC
From: Joe Foley
Topic: 3320  Message: 3325

Uh oh,

Byron's not on this list, I lifted his post from another list.

Joe

--- On Mon, 7/21/08, Tom Smith <tsmith@...> wrote:
From: Tom Smith <tsmith@...>
Subject: Re: [T-368_BC-610] Surely someone can help this guy out
To: T-368_BC-610@yahoogroups.com
Date: Monday, July 21, 2008, 6:17 AM

Byron,

Shame on you for hauling that kind of junk home. I thought you were

into the lighter HBR stuff. I've got a BC-610-I with the potted

transformers. Mine is ok but you never know when lightning might

strike. What are you in now that I might have?

How's Janie?

Tom N5AMA

On Mon, 21 Jul 2008 01:42:46 -0000

"redmenaced" <redmenaced@yahoo. com> wrote:

> Hello-

> I hauled home what looks to be a BC610 plate transformer in some

> old stuff. It has a 115 VAC Primary. I have not checked it out yet.

>I

> do not need it and would like to trade it to someone in the greater

> Houston, TX area.

> I am in Alvin. Thanks, Byron WA5THJ.

>

>

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> Yahoo! Groups Links

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[Non-text portions of this message have been removed]

# 3326. Re: [T-368_BC-610] Surely someone can help this guy out

Yahoo group: T-368_BC-610
Date: 2008-07-22 03:28:00 UTC
From: Geoff/W5OMR
Topic: 3320  Message: 3326

Joe Foley wrote:
> Uh oh,
>
> Byron's not on this list, I lifted his post from another list.
>
>

forgery? c'mon, Joe...

# 3327. Re: [T-368_BC-610] Surely someone can help this guy out

Yahoo group: T-368_BC-610
Date: 2008-07-22 04:31:14 UTC
From: wa5cab@cs.com
Topic: 3320  Message: 3327

Joe may have gone to bed. I should have, too, but that's another story.

No, what Joe meant was that he repeated Byron's 610 related post to the 610 list since Byron isn't subscribed. Tom sent Byron a response (he thought). But it only went to this list unless Tom manually copied Byron.

In a message dated 7/21/2008 10:28:01 PM Central Daylight Time,
w5omr@... writes:
> Joe Foley wrote:
> >Uh oh,
> >
> >Byron's not on this list, I lifted his post from another list.
> >
> >
>
> forgery? c'mon, Joe...
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480
<wa5cab@...> (Primary email)
<wa5cab@...> (Backup email)

[Non-text portions of this message have been removed]

# 3328. Re: [T-368_BC-610] Surely someone can help this guy out

Yahoo group: T-368_BC-610
Date: 2008-07-22 11:11:35 UTC
From: Tom Smith
Topic: 3320  Message: 3328

Sorry for the trouble Joe. I didn't realize that I sent it to the
wrong email address until I pushed the button. Classic case of
engaging the finger before the brain.

Tom N5AMA

On Mon, 21 Jul 2008 19:27:11 -0700 (PDT)
Joe Foley <redmenaced@...> wrote:
> Uh oh,
>
> Byron's not on this list, I lifted his post from another list.
>
> Joe
>
>
>
>
>
> --- On Mon, 7/21/08, Tom Smith <tsmith@...> wrote:
>From: Tom Smith <tsmith@...>
> Subject: Re: [T-368_BC-610] Surely someone can help this guy out
> To: T-368_BC-610@yahoogroups.com
> Date: Monday, July 21, 2008, 6:17 AM
>
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> Byron,
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>
> Shame on you for hauling that kind of junk home. I thought you were
>
> into the lighter HBR stuff. I've got a BC-610-I with the potted
>
> transformers. Mine is ok but you never know when lightning might
>
> strike. What are you in now that I might have?

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> How's Janie?
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> Tom N5AMA
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> On Mon, 21 Jul 2008 01:42:46 -0000
>
> "redmenaced" <redmenaced@yahoo. com> wrote:
>
>> Hello-
>
>> I hauled home what looks to be a BC610 plate transformer in some
>
>> old stuff. It has a 115 VAC Primary. I have not checked it out yet.
>
>>I
>
>> do not need it and would like to trade it to someone in the greater
>
>> Houston, TX area.
>
>> I am in Alvin. Thanks, Byron WA5THJ.
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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# 3329. Re: [T-368_BC-610] Surely someone can help this guy out

Yahoo group: T-368_BC-610
Date: 2008-07-22 11:38:08 UTC
From: Geoff/W5OMR
Topic: 3320  Message: 3329

wa5cab@... wrote:
> Joe may have gone to bed. I should have, too, but that's another story.
>
> No, what Joe meant was that he repeated Byron's 610 related post to the 610
> list since Byron isn't subscribed. Tom sent Byron a response (he thought).
> But it only went to this list unless Tom manually copied Byron.
>
>

I guess somewhere on my forehead, it's stamped 'STUPID' and everyone
thinks I need things explained.

Your reply to me was out of context in how I intended my comment (which,
admittedly,should have had a 'smiley' face, for folks to better understand).

Someone get Byron's address, please?

# 3330. Re: [T-368_BC-610] Noisy T3 Blower repaired

Yahoo group: T-368_BC-610
Date: 2008-07-24 02:11:24 UTC
From: Mark Foltarz
Topic: 3330  Message: 3330

Group,
 I just put the lower motor back together with the replacement bearings.
 Wow, what a difference.  Apparently the bearings are very standard parts.
 A machinist  friend had a bunch in a  parts drawer.
 The one I got are not sealed like the original.
  I just washed the stored years of dust out of them in kerosene and then packed them with grease.
  Rewired the motor back in and fired it up on a cheater cord.
  Massive improvement in the noise reduction.
  Hardly took any time to do the R&R.
  Just a nut and bolt job. I didn''t have to pull the bearing off - I just set the jaws of a set of pliers across one side and tapped it with a hammer. It popped off.
 Similarly, the new bearing settled back on the shaft without much force.
 If you are faced with  a noisy blower, don't be afraid to tackle it.
  de KA4JVY
  Mark

# 3331. Re: [T-368_BC-610] Noisy T3 Blower repaired

Yahoo group: T-368_BC-610
Date: 2008-07-24 02:31:03 UTC
From: Joe Foley
Topic: 3330  Message: 3331

That was almost fun, wasn't it?

Now, do the one on the RF deck.

Joe

--- On Wed, 7/23/08, Mark Foltarz <Foltarz@...> wrote:
From: Mark Foltarz <Foltarz@...>
Subject: Re: [T-368_BC-610] Noisy T3 Blower repaired
To: T-368_BC-610@yahoogroups.com
Date: Wednesday, July 23, 2008, 10:11 PM

Group,

I just put the lower motor back together with the replacement bearings.

Wow, what a difference. Apparently the bearings are very standard parts.

A machinist friend had a bunch in a parts drawer.

The one I got are not sealed like the original.

I just washed the stored years of dust out of them in kerosene and then packed them with grease.

Rewired the motor back in and fired it up on a cheater cord.

Massive improvement in the noise reduction.

Hardly took any time to do the R&R.

Just a nut and bolt job. I didn''t have to pull the bearing off - I just set the jaws of a set of pliers across one side and tapped it with a hammer. It popped off.

Similarly, the new bearing settled back on the shaft without much force.

If you are faced with a noisy blower, don't be afraid to tackle it.

de KA4JVY

Mark

[Non-text portions of this message have been removed]

# 3332. Re: Modulation quality T-368

Yahoo group: T-368_BC-610
Date: 2008-07-25 23:19:51 UTC
From: tropicwind@aol.com
Topic: 3332  Message: 3332

Hi Folks,

Was wondering if anyone has had trouble getting good audio quality from their T-368?

I HAVE DONE the usual audio mods and get great audio to the grids of the modulator tubes, but then
seem to lose the quality in the mod transformer.
Wondering if the mod transformer was designed to cut off below 600 HZ?

Anyone have a similar experience with the T-368?
Regards,
Jay W7PJS

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[Non-text portions of this message have been removed]

# 3333. Re: [T-368_BC-610] Re: Modulation quality T-368

Yahoo group: T-368_BC-610
Date: 2008-07-26 00:24:59 UTC
From: Joe Munson
Topic: 3332  Message: 3333

Jay,

My T-368 is 100 percent stock, both in RF and Audio sections. I use either a carbon mic, such as the H33 Handset, or a D 104, with homebuilt 2 transistor preamp, powered by the bias for the carbon mic. I get great audio reports when using this set up. The military guys like the carbon mic audio though. It is a C model, built by Crosley. I have not been able to find the audio specs on the Mod Transformer, but have never heard of anyone complaining of Low Freq Response problems due to the transformer.

Joe Munson
WA4VAG

[Non-text portions of this message have been removed]

# 3334. Re: [T-368_BC-610] Re: Modulation quality T-368

Yahoo group: T-368_BC-610
Date: 2008-07-26 00:36:21 UTC
From: w7qho@aol.com
Topic: 3332  Message: 3334

In a message dated 7/25/08 4:20:16 PM, tropicwind@... writes:

> Was wondering if anyone has had trouble getting good audio quality from
> their T-368?
>
> I HAVE DONE the usual audio mods and get great audio to the grids of the
> modulator tubes, but then
> seem to lose the quality in the mod transformer.
> Wondering if the mod transformer was designed to cut off below 600 HZ?
>
> Anyone have a similar experience with the T-368?
>

Jay,

I've got two of the beasts. In some admitedly quick and dirty tests a number of years ago I noted the audio seemed to start dropping off on the low end around 500 cps and was down a couple of db at 250, but at the time was primarily interested in high end drop-off due to the rather large shunt capacity the design puts across the secondary of the mod xformer. Did the usual mods in the speech amp (bypass clipper filter, bigger coupling caps, etc.) but not the "Timtron" mods in the PA. Use an electret mike and people give me good to VG audio reports on the air. Several other T3's operating in SOCAL too that sound FB.

Guess it all depends on what you mean by "good" audio. These sets are never going to sound like one of the old BC rigs a lot of guys use. Have you been getting on the air complaints?

Dennis D. W7QHO
Glendale, CA

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[Non-text portions of this message have been removed]

# 3335. RE: [T-368_BC-610] Re: Modulation quality T-368

Yahoo group: T-368_BC-610
Date: 2008-07-26 00:39:12 UTC
From: John Page
Topic: 3332  Message: 3335

Would suggest contacting Tim Smith ,WA1HLR, as he is very knowledgeable in the area of AM modulation. I have a T368C by B&W which has many of his mods. There are several changes that must be made in the RF deck that will make a world of difference.

John Page K4KWM
Hollow State since 1953
(ex W8PKU,N8BLB,NA8O)

To: T-368_BC-610@yahoogroups.com
From: tropicwind@...
Date: Fri, 25 Jul 2008 19:19:51 -0400
Subject: [T-368_BC-610] Re: Modulation quality T-368

Hi Folks,

Was wondering if anyone has had trouble getting good audio quality from

their T-368?

I HAVE DONE the usual audio mods and get great audio to the grids of the

modulator tubes, but then

seem to lose the quality in the mod transformer.

Wondering if the mod transformer was designed to cut off below 600 HZ?

Anyone have a similar experience with the T-368?

Regards,

Jay W7PJS

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[Non-text portions of this message have been removed]

---
With Windows Live for mobile, your contacts travel with you.
http://www.windowslive.com/mobile/overview.html?ocid=TXT_TAGLM_WL_mobile_072008

[Non-text portions of this message have been removed]

# 3336. Re: [T-368_BC-610] Re: Modulation quality T-368

Yahoo group: T-368_BC-610
Date: 2008-07-26 00:59:07 UTC
From: george portell
Topic: 3332  Message: 3336

hi joe ,could you send me some info on your 2 trans mike amp that uses the dc voltage from the rig tnx bro geo w8qbg.

--- On Fri, 7/25/08, Joe Munson <prc74b@...> wrote:

From: Joe Munson <prc74b@...>
Subject: Re: [T-368_BC-610] Re: Modulation quality T-368
To: T-368_BC-610@yahoogroups.com
Date: Friday, July 25, 2008, 6:24 PM

Jay,

My T-368 is 100 percent stock, both in RF and Audio sections. I use either a carbon mic, such as the H33 Handset, or a D 104, with homebuilt 2 transistor preamp, powered by the bias for the carbon mic. I get great audio reports when using this set up. The military guys like the carbon mic audio though. It is a C model, built by Crosley. I have not been able to find the audio specs on the Mod Transformer, but have never heard of anyone complaining of Low Freq Response problems due to the transformer.

Joe Munson
WA4VAG

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3337. Re: [T-368_BC-610] Re: Modulation quality T-368

Yahoo group: T-368_BC-610
Date: 2008-07-26 01:30:46 UTC
From: Robert Nickels
Topic: 3332  Message: 3337

See the RF Deck mods at: http://r-390a.us/T368.htm

BTW this T-3 is now sitting in my shack rather than Walters. But I followed his suggestion and did nothing more than plug an unamplified D-104 into it, and I've had consistently good comments on the audio quality.

73, Bob W9RAN

# 3338. RE: [T-368_BC-610] Re: Modulation quality T-368

Yahoo group: T-368_BC-610
Date: 2008-07-26 01:50:49 UTC
From: Tom Mackie
Topic: 3332  Message: 3338

Jay,

I did some very simple speech amp mods:

Match the mic to the input tube.

Bypass the clipper, FL1 and FL2

Used a 50uf cap bypassing R31

Changed C40 to .1

Bypass R40 with 100uf

And I fooled with some shaping and finally settled with 27k in series
with a .0003 across R36.

None of this was very scientific.

But the biggest changes I got were taking HV off the output network and
removing some of the capacity in the tank. I installed a new choke near
the 4-400 and shifted things around a bit.

It was easy to do if thought out ahead of time and mimic RF deck mod
ideas from this:

http://home.att.net/~r391/www_ott/t368.htm

The speech amp changes didn't come alive until I reworked the RF deck.
It has plenty of modulation and I seem to get good reports.

Overall these were very low impact, easily done modifications that made
a nice change in the sound.

The other benefit is that it tuned up more smoothly.

73

Tom

W2ILA

---

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
On Behalf Of tropicwind@...
Sent: Friday, July 25, 2008 7:20 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] Re: Modulation quality T-368

Hi Folks,

Was wondering if anyone has had trouble getting good audio quality from their T-368?

I HAVE DONE the usual audio mods and get great audio to the grids of the

modulator tubes, but then
seem to lose the quality in the mod transformer.
Wondering if the mod transformer was designed to cut off below 600 HZ?

Anyone have a similar experience with the T-368?
Regards,
Jay W7PJS

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3339. Re: [T-368_BC-610] Re: Modulation quality T-368

Yahoo group: T-368_BC-610
Date: 2008-07-26 01:52:37 UTC
From: Joe Foley
Topic: 3332  Message: 3339

Me, too!!

Joe

hi joe ,could you send me some info on your 2 trans mike amp that uses the dc voltage from the rig tnx bro geo w8qbg.

--- On Fri, 7/25/08, Joe Munson <prc74b@fuse. net> wrote:

From: Joe Munson <prc74b@fuse. net>

Subject: Re: [T-368_BC-610] Re: Modulation quality T-368

To: T-368_BC-610@ yahoogroups. com

Date: Friday, July 25, 2008, 6:24 PM

Jay,

My T-368 is 100 percent stock, both in RF and Audio sections. I use either a carbon mic, such as the H33 Handset, or a D 104, with homebuilt 2 transistor preamp, powered by the bias for the carbon mic. I get great audio reports when using this set up. The military guys like the carbon mic audio though. It is a C model, built by Crosley. I have not been able to find the audio specs on the Mod Transformer, but have never heard of anyone complaining of Low Freq Response problems due to the transformer.

Joe Munson

WA4VAG

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 3340. Re: Modulation quality T-368

Yahoo group: T-368_BC-610
Date: 2008-07-27 03:46:46 UTC
From: tropicwind@aol.com
Topic: 3332  Message: 3340

Hi Joe, Dennis, John, Bob and Tom,

I very much appreciate all your comments on the T-368 modulation question I have.

They are all interesting observations and worthwhile suggestions.

Thank you all for your answer to my question.

73's.
Jay W7PJS

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[Non-text portions of this message have been removed]

# 3341. Re: [T-368_BC-610] Re: Modulation quality T-368

Yahoo group: T-368_BC-610
Date: 2008-07-27 14:34:25 UTC
From: Warren Elly
Topic: 3332  Message: 3341

To the group... what a great reflector...I appreciate all the support
and good info..
73, Warren W1GUD
BC-610 I
On Jul 26, 2008, at 11:46 PM, tropicwind@... wrote:

> Hi Joe, Dennis, John, Bob and Tom,
>
> I very much appreciate all your comments on the T-368 modulation
> question I
> have.
>
> They are all interesting observations and worthwhile suggestions.
>
> Thank you all for your answer to my question.
>
> 73's.
> Jay W7PJS
>
>
>
> **********Get fantasy football with free live scoring. Sign up for
> FanHouse Fantasy Football today.
> (http://www.fanhouse.com/fantasyaffair?ncid=aolspr00050000000020)
>
> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

# 3342. Re: [T-368_BC-610] Re: Modulation quality T-368

Yahoo group: T-368_BC-610
Date: 2008-07-28 01:34:08 UTC
From: Joe Foley
Topic: 3332  Message: 3342

Don't forget to check the "Photos" section on the home page of this mailing list, there are pictures of the modifications in question there, there is also information in the "Files" section.

Joe

--- On Sun, 7/27/08, Warren Elly <w1gud@...> wrote:
From: Warren Elly <w1gud@...>
Subject: Re: [T-368_BC-610] Re: Modulation quality T-368
To: T-368_BC-610@yahoogroups.com
Date: Sunday, July 27, 2008, 10:34 AM

To the group... what a great reflector... I appreciate all the support

and good info..

73, Warren W1GUD

BC-610 I

On Jul 26, 2008, at 11:46 PM, tropicwind@aol. com wrote:

> Hi Joe, Dennis, John, Bob and Tom,

>

> I very much appreciate all your comments on the T-368 modulation

> question I

> have.

>

> They are all interesting observations and worthwhile suggestions.

>

> Thank you all for your answer to my question.

>

> 73's.

> Jay W7PJS

>

>

>

> ********** **Get fantasy football with free live scoring. Sign up for

> FanHouse Fantasy Football today.

> (http://www.fanhouse .com/fantasyaffa ir?ncid=aolspr00 050000000020)

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> [Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 3343. dynamotor bd-77c

Yahoo group: T-368_BC-610
Date: 2008-07-30 18:08:34 UTC
From: w8qbg
Topic: 3343  Message: 3343

what rig did this go with 12-14v dc in/1000 v dc out at 350ma ? tnx bro
geo w8qbg.

# 3344. Re: [T-368_BC-610] dynamotor bd-77c

Yahoo group: T-368_BC-610
Date: 2008-07-30 18:37:29 UTC
From: george portell
Topic: 3343  Message: 3344

could this be the elusive 12-14 v dynamotor for the bc375 rig?bro geo w8qbg.

--- On Wed, 7/30/08, w8qbg <w8qbg@...> wrote:

From: w8qbg <w8qbg@...>
Subject: [T-368_BC-610] dynamotor bd-77c
To: T-368_BC-610@yahoogroups.com
Date: Wednesday, July 30, 2008, 12:08 PM

what rig did this go with 12-14v dc in/1000 v dc out at 350ma ? tnx bro
geo w8qbg.

[Non-text portions of this message have been removed]

# 3345. Re: [T-368_BC-610] dynamotor bd-77c

Yahoo group: T-368_BC-610
Date: 2008-07-30 18:38:01 UTC
From: wa5cab@cs.com
Topic: 3343  Message: 3345

BC-191.

In a message dated 7/30/2008 1:08:50 PM Central Daylight Time,
w8qbg@... writes:
> what rig did this go with 12-14v dc in/1000 v dc out at 350ma ? tnx bro
> geo w8qbg.
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3346. Re: [T-368_BC-610] dynamotor bd-77c

Yahoo group: T-368_BC-610
Date: 2008-07-30 18:40:40 UTC
From: wa5cab@cs.com
Topic: 3343  Message: 3346

George, the BC-375 is a 24-28 V rig. Its dynamotor is the PE-73.

In a message dated 7/30/2008 1:37:53 PM Central Daylight Time,
w8qbg@... writes:
> could this be the elusive 12-14 v dynamotor for the bc375 rig?bro geo
> w8qbg.
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3347. Re: [T-368_BC-610] dynamotor bd-77c

Yahoo group: T-368_BC-610
Date: 2008-07-30 18:51:42 UTC
From: James M. Walker
Topic: 3343  Message: 3347

BC-375
Jim
WB2FCN

----- Original Message -----
From: "w8qbg" <w8qbg@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Wednesday, July 30, 2008 2:08 PM
Subject: [T-368_BC-610] dynamotor bd-77c

> what rig did this go with 12-14v dc in/1000 v dc out at 350ma ? tnx bro
> geo w8qbg.
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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>

# 3348. Re: [T-368_BC-610] dynamotor bd-77c

Yahoo group: T-368_BC-610
Date: 2008-07-30 19:03:19 UTC
From: James M. Walker
Topic: 3343  Message: 3348

Yep,
He is correct! I have the BC-375 which uses the PE-73-C . The rig I used to
have
was the BC-191, which uses the same plug-in tuning units, The Dyno-motor
there
is the BD-77, I may even still have the unit, would have to look.

In both cases however, the HV requirement is the same.
Jim
WB2FCN
http://eshop1.chem.buffalo.edu/BC-375-System.html

----- Original Message -----
From: <wa5cab@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Wednesday, July 30, 2008 2:40 PM
Subject: Re: [T-368_BC-610] dynamotor bd-77c

> George, the BC-375 is a 24-28 V rig. Its dynamotor is the PE-73.
>
> In a message dated 7/30/2008 1:37:53 PM Central Daylight Time,
> w8qbg@... writes:
>> could this be the elusive 12-14 v dynamotor for the bc375 rig?bro geo
>> w8qbg.
>>
>
> Robert & Susan Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
>
> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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# 3349. Re: [T-368_BC-610] dynamotor bd-77c

Yahoo group: T-368_BC-610
Date: 2008-07-30 19:24:14 UTC
From: george portell
Topic: 3343  Message: 3349

tnx jim its been a long time since i had a bc375 or a bc191 ,so i couldnt remember .but i taught that we changed somthing fil`s orsomthing and used the bd -77c portable on 12 v to run the shebang..tnx to every one for the info bro geo w8qbg.

--- On Wed, 7/30/08, James M. Walker <chejmw@...> wrote:

From: James M. Walker <chejmw@...>
Subject: Re: [T-368_BC-610] dynamotor bd-77c
To: T-368_BC-610@yahoogroups.com
Date: Wednesday, July 30, 2008, 1:03 PM

Yep,
He is correct! I have the BC-375 which uses the PE-73-C . The rig I used to
have
was the BC-191, which uses the same plug-in tuning units, The Dyno-motor
there
is the BD-77, I may even still have the unit, would have to look.

In both cases however, the HV requirement is the same.
Jim
WB2FCN
http://eshop1. chem.buffalo. edu/BC-375- System.html

----- Original Message -----
From: <wa5cab@...>
To: <T-368_BC-610@ yahoogroups. com>
Sent: Wednesday, July 30, 2008 2:40 PM
Subject: Re: [T-368_BC-610] dynamotor bd-77c

> George, the BC-375 is a 24-28 V rig. Its dynamotor is the PE-73.
>
> In a message dated 7/30/2008 1:37:53 PM Central Daylight Time,
> w8qbg@yahoo. com writes:
>> could this be the elusive 12-14 v dynamotor for the bc375 rig?bro geo
>> w8qbg.
>>
>
> Robert & Susan Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
>
> [Non-text portions of this message have been removed]
>
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> ------------ --------- --------- ------

>
> Yahoo! Groups Links
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>
>

[Non-text portions of this message have been removed]

# 3350. Re: [T-368_BC-610] dynamotor bd-77c

Yahoo group: T-368_BC-610
Date: 2008-07-30 20:53:25 UTC
From: James M. Walker
Topic: 3343  Message: 3350

Oh yes,
Way back in 1969, while recuperating, I acquired a full system, so
I could get on 80 meters AM with the W2OY Gang. They let me in
for a short time, then "Mr Premus" (sp) drove over to my house and
chewed me out, and asked what the Heck I was doing running the
BC-191. I told him to be patient, two weeks later the 18 wheeler
delivered my station equipment from Germany, 3 BC-610(H&I) rigs
along with the BC-312/342 receivers. He was a little gentler then.

Mike had a way about him, that I will always remember. Called me
"The Kid", even though I was freshly back from Military Service.
I miss him, and his antics.

Jim
WB2FCN
"Less we forget"

----- Original Message -----
From: george portell
To: T-368_BC-610@yahoogroups.com
Sent: Wednesday, July 30, 2008 3:24 PM
Subject: Re: [T-368_BC-610] dynamotor bd-77c

tnx jim its been a long time since i had a bc375 or a bc191 ,so i couldnt remember .but i taught that we changed somthing fil`s orsomthing and used the bd -77c portable on 12 v to run the shebang..tnx to every one for the info bro geo w8qbg.

--- On Wed, 7/30/08, James M. Walker <chejmw@...> wrote:

From: James M. Walker <chejmw@...>
Subject: Re: [T-368_BC-610] dynamotor bd-77c
To: T-368_BC-610@yahoogroups.com
Date: Wednesday, July 30, 2008, 1:03 PM

Yep,
He is correct! I have the BC-375 which uses the PE-73-C . The rig I used to
have
was the BC-191, which uses the same plug-in tuning units, The Dyno-motor
there
is the BD-77, I may even still have the unit, would have to look.

In both cases however, the HV requirement is the same.
Jim
WB2FCN
http://eshop1. chem.buffalo. edu/BC-375- System.html

----- Original Message -----
From: <wa5cab@...>
To: <T-368_BC-610@ yahoogroups. com>
Sent: Wednesday, July 30, 2008 2:40 PM
Subject: Re: [T-368_BC-610] dynamotor bd-77c

> George, the BC-375 is a 24-28 V rig. Its dynamotor is the PE-73.
>
> In a message dated 7/30/2008 1:37:53 PM Central Daylight Time,
> w8qbg@yahoo. com writes:
>> could this be the elusive 12-14 v dynamotor for the bc375 rig?bro geo
>> w8qbg.
>>
>
> Robert & Susan Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
>
> [Non-text portions of this message have been removed]
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>
> ------------ --------- --------- ------
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> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3351. Re: [T-368_BC-610] dynamotor bd-77c

Yahoo group: T-368_BC-610
Date: 2008-07-31 13:11:39 UTC
From: Todd, KA1KAQ
Topic: 3343  Message: 3351

Hey Jim -

I have a small sound file of Mike if you'd like it. Calling CQ and ending with something like 'no matter how good you think you are with the pho-netics, we don't want ya, noooooo'. It's on AMfone too, I think. Herb K2VH tells some amusing stories as well, about himself, Dick W2UJR, and Mike. He has a photo with Mike standing next to one of the 'kids', arm around his shoulder, with a big grin. A lot of his 'antics' apparently were just that; he wasn't the 'big meanie' some thought.

~ Todd, KA1KAQ

On Wed, Jul 30, 2008 at 4:53 PM, James M. Walker <chejmw@...> wrote:
> Oh yes,
> Way back in 1969, while recuperating, I acquired a full system, so
> I could get on 80 meters AM with the W2OY Gang. They let me in
> for a short time, then "Mr Premus" (sp) drove over to my house and
> chewed me out, and asked what the Heck I was doing running the
> BC-191. I told him to be patient, two weeks later the 18 wheeler
> delivered my station equipment from Germany, 3 BC-610(H&I) rigs
> along with the BC-312/342 receivers. He was a little gentler then.
>
> Mike had a way about him, that I will always remember. Called me
> "The Kid", even though I was freshly back from Military Service.
> I miss him, and his antics.

# 3352. Re: [T-368_BC-610] dynamotor bd-77c

Yahoo group: T-368_BC-610
Date: 2008-07-31 13:41:07 UTC
From: Warren Elly
Topic: 3343  Message: 3352

I was one of the kids that OY used to follow up and down the band in
the 1960ies, zero beat us, and
purposely qrm us. Before your time. You'll never convince me he was
some kinda nice guy...then again Todd,
maybe you are talking about someone associated with the number one
horses ass of yesteryear!

73, Warren W1GUD

On Jul 31, 2008, at 9:11 AM, Todd, KA1KAQ wrote:

> Hey Jim -
>
> I have a small sound file of Mike if you'd like it. Calling CQ and
> ending with something like 'no matter how good you think you are with
> the pho-netics, we don't want ya, nooooo'. It's on AMfone too, I
> think. Herb K2VH tells some amusing stories as well, about himself,
> Dick W2UJR, and Mike. He has a photo with Mike standing next to one of
> the 'kids', arm around his shoulder, with a big grin. A lot of his
> 'antics' apparently were just that; he wasn't the 'big meanie' some
> thought.
>
> ~ Todd, KA1KAQ
>
> On Wed, Jul 30, 2008 at 4:53 PM, James M. Walker
> <chejmw@...> wrote:
> > Oh yes,
> > Way back in 1969, while recuperating, I acquired a full system, so
> > I could get on 80 meters AM with the W2OY Gang. They let me in
> > for a short time, then "Mr Premus" (sp) drove over to my house and
> > chewed me out, and asked what the Heck I was doing running the
> > BC-191. I told him to be patient, two weeks later the 18 wheeler
> > delivered my station equipment from Germany, 3 BC-610(H&I) rigs
> > along with the BC-312/342 receivers. He was a little gentler then.
> >
> > Mike had a way about him, that I will always remember. Called me
> > "The Kid", even though I was freshly back from Military Service.
> > I miss him, and his antics.
>
>

[Non-text portions of this message have been removed]

# 3353. SCR 193 Wiring hookup

Yahoo group: T-368_BC-610
Date: 2008-07-31 13:54:03 UTC
From: Joe Munson
Topic: 3353  Message: 3353

I am in need of the wiring diagram for the connection between the BC 191 and the BC 312. If anyone needs it, I have the Cording Diagram for the SCR 187A, that is between the BC 191 transmitter, BD 77 Dynamotor, Radio Control box BC 309, and the BC 224 receiver.

Thanks in advance,

Joe Munson
WA4VAG

[Non-text portions of this message have been removed]

# 3354. Re: [T-368_BC-610] dynamotor bd-77c

Yahoo group: T-368_BC-610
Date: 2008-07-31 14:13:02 UTC
From: Todd, KA1KAQ
Topic: 3343  Message: 3354

No Warren, I was careful to say 'a lot of his antics', not all. I'm aware that there were other issues by reports from you and others, as it was indeed before my time. Irb W2VJZ was the Mike of our generation, often times politically or racially motivated, sometimes amusing and friendly, other times cozying up to a QSO to call CQ, even having one-sided conversations to somehow justify his antics. He said and did some things that I strongly disagreed with, but he was still a part of the AM scene for decades, and left us with some downright funny memories as well - despite his frequent constitutional preaching and occasional racial rants. Irb was Irb, Mike was Mike, you took them as they were.

~ Todd, KA1KAQ

On Thu, Jul 31, 2008 at 9:41 AM, Warren Elly <w1gud@...> wrote:
> I was one of the kids that OY used to follow up and down the band in
> the 1960ies, zero beat us, and
> purposely qrm us. Before your time. You'll never convince me he was
> some kinda nice guy...then again Todd,
> maybe you are talking about someone associated with the number one
> horses ass of yesteryear!
>
> 73, Warren W1GUD
>
> On Jul 31, 2008, at 9:11 AM, Todd, KA1KAQ wrote:
>
>> Hey Jim -
>>
>> I have a small sound file of Mike if you'd like it. Calling CQ and
>> ending with something like 'no matter how good you think you are with
>> the pho-netics, we don't want ya, nooooo'. It's on AMfone too, I
>> think. Herb K2VH tells some amusing stories as well, about himself,
>> Dick W2UJR, and Mike. He has a photo with Mike standing next to one of
>> the 'kids', arm around his shoulder, with a big grin. A lot of his
>> 'antics' apparently were just that; he wasn't the 'big meanie' some
>> thought.
>>
>> ~ Todd, KA1KAQ
>>
>> On Wed, Jul 30, 2008 at 4:53 PM, James M. Walker
>> <chejmw@...> wrote:
>> > Oh yes,
>> > Way back in 1969, while recuperating, I acquired a full system, so
>> > I could get on 80 meters AM with the W2OY Gang. They let me in
>> > for a short time, then "Mr Premus" (sp) drove over to my house and

>> > chewed me out, and asked what the Heck I was doing running the
>> > BC-191. I told him to be patient, two weeks later the 18 wheeler
>> > delivered my station equipment from Germany, 3 BC-610(H&I) rigs
>> > along with the BC-312/342 receivers. He was a little gentler then.
>> >
>> > Mike had a way about him, that I will always remember. Called me
>> > "The Kid", even though I was freshly back from Military Service.
>> > I miss him, and his antics.
>>
>>
>
> [Non-text portions of this message have been removed]
>
>

# 3355. Re: [T-368_BC-610] SCR 193 Wiring hookup

Yahoo group: T-368_BC-610
Date: 2008-07-31 16:57:55 UTC
From: wa5cab@cs.com
Topic: 3353  Message: 3355

Joe (& Marty),

Cording and wiring diagrams for the SCR-193-(*) are in TM 11-273. 4/12/41 edition covers -A through -E. 5/02/45 covers -D through -U + -KB & -KW. The suffix letters are vehicle specific, a carryover from the pre-war practice of assigning specific letters by vehicle. I think that stopped with the SCR-193, after which it was a generic radio set to order, plus an installation kit by vehicle.

The -A, -B and -C models were set up to use Control Box BC-321. The -B also used BC-309. D and higher show no control boxes and no usage of the 4-pin PL-74.

The -D and higher cording diagrams differ only in cable nomenclature and length. I can scan the necessary pages. If you are doing a setup for a specific vehicle, let me know which. Or if you have and want to use BC-321 or it and BC-309, let me know. Or if you have any single-ended cables let me know the CD number(s) so I can be sure to scan the page that lists them.

In a message dated 7/31/2008 8:55:46 AM Central Daylight Time,
prc74b@... writes:
> I am in need of the wiring diagram for the connection between the BC 191
> and the BC 312. If anyone needs it, I have the Cording Diagram for the SCR
> 187A, that is between the BC 191 transmitter, BD 77 Dynamotor, Radio Control box
> BC 309, and the BC 224 receiver.
>
> Thanks in advance,
>
> Joe Munson
> WA4VAG
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3356. Re: [T-368_BC-610] dynamotor bd-77c

Yahoo group: T-368_BC-610
Date: 2008-07-31 18:54:37 UTC
From: James M. Walker
Topic: 3343  Message: 3356

I am prone to think it was the really rediculuous use of phonetics
by SOME of the radio operators of that time span. I could
certainly empathise with that, after learning the reason for the
phonetic alphabet in the military.

On 3880 during that time you could actually hear "Newbi-s"
using phrases like Wild Buffaloes 2, Wolly Buscuits 2, that
would annoy anyone enough to make them want to retaliate
in some way to proper register their ire!

Personalities are the property of the people carrying them.
As to the "AM" aspect of the conversation, some "Antics"
are just a bit more outrageous than Mikes', I for one never
heard him swearing on the air, nor taking a leak to impress the
"Gang".

Of course, others may have a different view! FWIW
Jim
WB2FCN
"Go BIG, or stay HOME"

----- Original Message -----
From: "Warren Elly" <w1gud@...>
To: "James M. Walker" <chejmw@...>
Sent: Thursday, July 31, 2008 12:45 PM
Subject: Re: [T-368_BC-610] dynamotor bd-77c

> Gentleman...
>
> Well, its quite a surprise to hear what a great guy OY was. Sure
> doesn't jibe with some very
> vivid "personal" experiences I had as a very young man in the 60ies.
> Maybe there were two
> of him?
>
> 73, Warren W1GUD

# 3357. BC-610 modulation transformer needed

Yahoo group: T-368_BC-610
Date: 2008-08-01 17:27:26 UTC
From: k5seejohn
Topic: 3357  Message: 3357

I am acquiring a BC-610 E which has a bad modulation transformer. Any suggestions or help finding one that would work in that model would be greatly appreciated.

tnx es 73 de John, K5SEE

# 3358. Re: [T-368_BC-610] BC-610 modulation transformer needed

Yahoo group: T-368_BC-610
Date: 2008-08-01 17:51:03 UTC
From: Geoff/W5OMR
Topic: 3357  Message: 3358

k5seejohn wrote:
> I am acquiring a BC-610 E which has a bad modulation transformer. Any
> suggestions or help finding one that would work in that model would be
> greatly appreciated.
>
> tnx es 73 de John, K5SEE

Welcome to the group, John.

THIS is the place, where you could probably find something like that.
Best of luck!

And, if you're not too particular on an 'exact' replica, there's
probably some other transformer that will meet the specs that will
physically fit. The potted transformer that Perry/W5KGZ has now seems
to work fine, and it's not an exact either.

I wonder if anyone is still doing transformer re-winding, now that Peter
Dahl is out of business?

see you on the air in the AM (Saturday).

--
73 = Best Regards,
-Geoff/W5OMR

# 3359. Re: [T-368_BC-610] BC-610 modulation transformer needed

Yahoo group: T-368_BC-610
Date: 2008-08-01 18:22:34 UTC
From: wa5cab@cs.com
Topic: 3357  Message: 3359

I "might" have one. I parted out a badly butchered -E years ago and still have some of the transformers but don't specifically recall which ones. It may be a week or so before I next go to my storage building but I'll check when I do.

The practical problem with using a transformer from a -F or later is mechanical. The terminals are below the chassis and the transformers only have one mounting flange. Otherwise one of those would work.

In a message dated 8/1/2008 12:27:37 PM Central Daylight Time, john@...
writes:
> I am acquiring a BC-610 E which has a bad modulation transformer. Any
> suggestions or help finding one that would work in that model would be
> greatly appreciated.
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3360. T-368 and BC-610 on Ebay

Yahoo group: T-368_BC-610
Date: 2008-08-01 23:40:23 UTC
From: Gregory Cotton
Topic: 3360  Message: 3360

Check his other auctions too, he's got a BC-610 (and a half), t-368,
ART-13 and a bunch of other stuff.

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&rd=1&item=180271616629&ssPageName=STRK:MEWA:IT&ih=008

# 3361. New Member Introduction from Jeff W8CQ

Yahoo group: T-368_BC-610
Date: 2008-08-02 01:27:57 UTC
From: Jeff Weinberg W8CQ
Topic: 3361  Message: 3361

Hello Everyone,
I wanted to drop an email to say hello and introduce myself. My name is Jeff Weinberg and the call is W8CQ.

I have been following some of the threads, and with the blessing of the moderator, I have some information for all of you concerning Peter Dahl transformers. I am the person who took over the company from Peter about 5 months ago. I have moved most of the operations here to my small shop in Ohio. Until I get my new shop built, I am in partnership with MagCap Engineering to build and sell the complete line of Peter Dahl transformers and associated magnetics. As part of Peter selling the company to me, I own all of the designs and blueprints to all of the magnetics Peter used to sell.

Enough about that. A friend of mine is going to have me wind up a mod transformer for a T-368 and I notice that quite a few other folks may also need that particular unit. Right now I am in the process of obtaining the electrical specifications for this unit. If anyone has the original specs or good modified specs they would be willing to share, I can use them to design a replacement mod transformer for the T-368.

What I am proposing is that the more people that may need this or any other transformer or choke get together and place a group order as I can keep the pricing much lower on an order or more than 1 unit. This is goes for a replacement power transformer for the T-3 or any other parts for the BC-610 or T-3.

Again, just wanted to say hello and let those of you who did not know that Peter Dahl transformers are still available.

If you have any questions or I can help any of you, please contact me directly. Also, thanks for allowing me to post this Joe.

73,
Jeff W8CQ

--

Jeff Weinberg W8CQ
Harbach Electronics, LLC
468 County Road 620
Polk, OH 44866-9711
(419) 945-2359
http://www.harbachelectronics.com
http://www.pwdahl.com

# 3362. Re: [T-368_BC-610] BC-610 modulation transformer needed

Yahoo group: T-368_BC-610
Date: 2008-08-02 01:36:32 UTC
From: john@k5see.com
Topic: 3357  Message: 3362

Thanaks, Robert. I see you are from Houston. Are you a NARS member?

If it is not an exact match, I am willling to do some chassis modification to make it work. I am active on 3.880/3.890 AM using a B & W 5100 and on old BC-312 F tank radio.

"When CW is no longer required, it will be a necessity." de K5SEE

-----Original Message-----
From: wa5cab@...
To: T-368_BC-610@yahoogroups.com
Sent: Fri, 1 Aug 2008 1:22 pm
Subject: Re: [T-368_BC-610] BC-610 modulation transformer needed

I "might" have one. I parted out a badly butchered -E years ago and still
have some of the transformers but don't specifically recall which ones. It may
be a week or so before I next go to my storage building but I'll check when I
do.

The practical problem with using a transformer from a -F or later is mechanical. The terminals are below the chassis and the transformers only have one
mounting flange. Otherwise one of those would work.

In a message dated 8/1/2008 12:27:37 PM Central Daylight Time,
john@...
writes:
> I am acquiring a BC-610 E which has a bad modulation transformer. Any
> suggestions or help finding one that would work in that model would be
> greatly appreciated.
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

---
Sent from a personalized AOL(R) My eAddress. Create your own FREE email address from scratch (go to http://domains.aol.com), not just the part before the @.

# 3363. RE: [T-368_BC-610] New Member Introduction from Jeff W8CQ

Yahoo group: T-368_BC-610
Date: 2008-08-02 02:44:46 UTC
From: Trevor
Topic: 3361  Message: 3363

Jeff- I don't need any "big iron" transformers (as far as I know, and I hope it stays that way) but wanted to say "thanks" to you for picking up the PW Dahl lineage. This stuff does not come cheap, especially in these days of skyrocketing ferrous and copper costs, but to serve the niche, limited production, big iron markets you just stepped into (especially in light of those skyrocketing raw materials costs) it's gotta be more of a labor of love than about chasing the big or fast bucks. I'm sure you're savvy enough that you're not going to run it at a loss, but keeping the production going at all is a HUGE service not only to those of us who mess with this stuff, but, in the long run, to others who may need the technology and capability for yet-unidentified functions.

73
Trevor
kd1yt

------- Original Message -------
From : Jeff Weinberg W8CQ[mailto:w8cqjeff@...]
Sent : 8/1/2008 9:27:57 PM
To : T-368_BC-610@yahoogroups.com
Cc :
Subject : RE: [T-368_BC-610] New Member Introduction from Jeff W8CQ

Hello Everyone,

I wanted to drop an email to say hello and introduce myself. My name is

Jeff Weinberg and the call is W8CQ.

I have been following some of the threads, and with the blessing of the

moderator, I have some information for all of you concerning Peter Dahl

transformers. I am the person who took over the company from Peter

about 5 months ago. I have moved most of the operations here to my

small shop in Ohio. Until I get my new shop built, I am in partnership

with MagCap Engineering to build and sell the complete line of Peter

Dahl transformers and associated magnetics. As part of Peter selling

the company to me, I own all of the designs and blueprints to all of the

magnetics Peter used to sell.

Enough about that. A friend of mine is going to have me wind up a mod

transformer for a T-368 and I notice that quite a few other folks may

also need that particular unit. Right now I am in the process of

obtaining the electrical specifications for this unit. If anyone has

the original specs or good modified specs they would be willing to

share, I can use them to design a replacement mod transformer for the T-368.

What I am proposing is that the more people that may need this or any

other transformer or choke get together and place a group order as I can

keep the pricing much lower on an order or more than 1 unit. This is

goes for a replacement power transformer for the T-3 or any other parts

for the BC-610 or T-3.

Again, just wanted to say hello and let those of you who did not know

that Peter Dahl transformers are still available.

If you have any questions or I can help any of you, please contact me

directly. Also, thanks for allowing me to post this Joe.

73,

Jeff W8CQ

--

Jeff Weinberg W8CQ

Harbach Electronics, LLC

468 County Road 620

Polk, OH 44866-9711

(419) 945-2359

http://www.harbachelectronics.com

http://www.pwdahl.com

# 3364. Re: [T-368_BC-610] BC-610 modulation transformer needed

Yahoo group: T-368_BC-610
Date: 2008-08-02 02:51:28 UTC
From: Joe Foley
Topic: 3357  Message: 3364

Peter Dahl is NOT out of business!

You just hold on to that idea for a little bit and see what happens right here on this list!!

Joe

--- On Fri, 8/1/08, Geoff/W5OMR <w5omr@...> wrote:
From: Geoff/W5OMR <w5omr@...>
Subject: Re: [T-368_BC-610] BC-610 modulation transformer needed
To: T-368_BC-610@yahoogroups.com
Date: Friday, August 1, 2008, 1:51 PM

k5seejohn wrote:

> I am acquiring a BC-610 E which has a bad modulation transformer. Any

> suggestions or help finding one that would work in that model would be

> greatly appreciated.

>

> tnx es 73 de John, K5SEE

Welcome to the group, John.

THIS is the place, where you could probably find something like that.

Best of luck!

And, if you're not too particular on an 'exact' replica, there's

probably some other transformer that will meet the specs that will

physically fit. The potted transformer that Perry/W5KGZ has now seems

to work fine, and it's not an exact either.

I wonder if anyone is still doing transformer re-winding, now that Peter

Dahl is out of business?

see you on the air in the AM (Saturday).

--

73 = Best Regards,

-Geoff/W5OMR

[Non-text portions of this message have been removed]

# 3365. RE: [T-368_BC-610] New Member Introduction from Jeff W8CQ

Yahoo group: T-368_BC-610
Date: 2008-08-02 06:13:54 UTC
From: John Oden
Topic: 3361  Message: 3365

w8cq,
Jeff if
If I will dig through my junk drawer and see if I still have a back up for each transformer in the bc-610 and t-368.
I could just send them to you cod. Heck with blue prints theres nothing like the real thing baby.

To: T-368_BC-610@yahoogroups.comFrom: w8cqjeff@...: Fri, 1 Aug 2008 21:27:57 -0400Subject: [T-368_BC-610] New Member Introduction from Jeff W8CQ

Hello Everyone,I wanted to drop an email to say hello and introduce myself. My name is Jeff Weinberg and the call is W8CQ.I have been following some of the threads, and with the blessing of the moderator, I have some information for all of you concerning Peter Dahl transformers. I am the person who took over the company from Peter about 5 months ago. I have moved most of the operations here to my small shop in Ohio. Until I get my new shop built, I am in partnership with MagCap Engineering to build and sell the complete line of Peter Dahl transformers and associated magnetics. As part of Peter selling the company to me, I own all of the designs and blueprints to all of the magnetics Peter used to sell.Enough about that. A friend of mine is going to have me wind up a mod transformer for a T-368 and I notice that quite a few other folks may also need that particular unit. Right now I am in the process of obtaining the electrical specifications for this unit. If anyone has the original specs or good modified specs they would be willing to share, I can use them to design a replacement mod transformer for the T-368.What I am proposing is that the more people that may need this or any other transformer or choke get together and place a group order as I can keep the pricing much lower on an order or more than 1 unit. This is goes for a replacement power transformer for the T-3 or any other parts for the BC-610 or T-3.Again, just wanted to say hello and let those of you who did not know that Peter Dahl transformers are still available.If you have any questions or I can help any of you, please contact me directly. Also, thanks for allowing me to post this Joe.73,Jeff W8CQ-- Jeff Weinberg W8CQHarbach Electronics, LLC468 County Road 620Polk, OH 44866-9711(419) 945-2359http://www.harbachelectronics.comhttp://www.pwdahl.com

_____
With Windows Live for mobile, your contacts travel with you.
http://www.windowslive.com/mobile/overview.html?ocid=TXT_TAGLM_WL_mobile_072008

[Non-text portions of this message have been removed]

# 3366. Re: [T-368_BC-610] New Member Introduction from Jeff W8CQ

Yahoo group: T-368_BC-610
Date: 2008-08-02 10:08:48 UTC
From: Dave And Merrijoy
Topic: 3361  Message: 3366

Hello to the Group,
Jeff's email shows a true blue attitude towards keeping ham radio suppliers operating in the very spirirt of the hobby.
I thank Jeff for his very positive outlook and certainly hope his vision of keeping this particular line of parts available will bring him great success in the future.
(This is not a commercial - just an observation from the sidelines.)
Dave w9ocm

----- Original Message -----
From: Jeff Weinberg W8CQ
To: T-368_BC-610@yahoogroups.com
Sent: Friday, August 01, 2008 9:27 PM
Subject: [T-368_BC-610] New Member Introduction from Jeff W8CQ

Hello Everyone,
I wanted to drop an email to say hello and introduce myself. My name is Jeff Weinberg and the call is W8CQ.

I have been following some of the threads, and with the blessing of the moderator, I have some information for all of you concerning Peter Dahl transformers. I am the person who took over the company from Peter about 5 months ago. I have moved most of the operations here to my small shop in Ohio. Until I get my new shop built, I am in partnership with MagCap Engineering to build and sell the complete line of Peter Dahl transformers and associated magnetics. As part of Peter selling the company to me, I own all of the designs and blueprints to all of the magnetics Peter used to sell.

Enough about that. A friend of mine is going to have me wind up a mod transformer for a T-368 and I notice that quite a few other folks may also need that particular unit. Right now I am in the process of obtaining the electrical specifications for this unit. If anyone has the original specs or good modified specs they would be willing to share, I can use them to design a replacement mod transformer for the T-368.

What I am proposing is that the more people that may need this or any other transformer or choke get together and place a group order as I can keep the pricing much lower on an order or more than 1 unit. This is goes for a replacement power transformer for the T-3 or any other parts for the BC-610 or T-3.

Again, just wanted to say hello and let those of you who did not know that Peter Dahl transformers are still available.

If you have any questions or I can help any of you, please contact me directly. Also, thanks for allowing me to post this Joe.

73,
Jeff W8CQ

--

Jeff Weinberg W8CQ
Harbach Electronics, LLC
468 County Road 620
Polk, OH 44866-9711
(419) 945-2359
http://www.harbachelectronics.com
http://www.pwdahl.com

---

No virus found in this incoming message.
Checked by AVG.
Version: 7.5.524 / Virus Database: 270.5.9/1583 - Release Date: 7/31/2008 6:17 AM

[Non-text portions of this message have been removed]

# 3367. Re: [T-368_BC-610] BC-610 modulation transformer needed

Yahoo group: T-368_BC-610
Date: 2008-08-02 14:21:07 UTC
From: Geoff/W5OMR
Topic: 3357  Message: 3367

Joe Foley wrote:
> Peter Dahl is NOT out of business!
>
> You just hold on to that idea for a little bit and see what happens right here on this list!!

I was under the impression that they simply weren't taking any new orders, and that when those orders were filled, then that was gonna be 'it'.

I do recall hearing something about someone else taking over the rewinding business... The company might still be there, but I think the original owners aren't, anymore.

--
73 = Best Regards,
-Geoff/W5OMR

# 3368. Re: [T-368_BC-610] Re: Modulation quality T-368

Yahoo group: T-368_BC-610
Date: 2008-08-02 20:22:24 UTC
From: Joe Munson
Topic: 3332  Message: 3368

HI Joe,

Say, I forgot to put a value on the Base Resistor of the 2N6427. IT is 3.3 Meg, but anything from1- 4 megs should work.

Sorry about that Joe.

Joe Munson
WA4VAG

[Non-text portions of this message have been removed]

# 3369. Re: [T-368_BC-610] BC-610 modulation transformer needed

Yahoo group: T-368_BC-610
Date: 2008-08-03 00:32:09 UTC
From: Warren Elly
Topic: 3357  Message: 3369

And here's another source for winding transformers...a friend recently
had a kw-1
mod transformer wound by this gentleman...and it sounds terrific!

73, Warren W1GUD

Gary Brown, 478 Forest Ave, Orono, ME 04473; (207) 942-5745; xfrmrs@...

On Aug 2, 2008, at 10:21 AM, Geoff/W5OMR wrote:

> Joe Foley wrote:
> > Peter Dahl is NOT out of business!
> >
> > You just hold on to that idea for a little bit and see what
> happens right here on this list!!
>
> I was under the impression that they simply weren't taking any new
> orders, and that when those orders were filled, then that was gonna be
> 'it'.
>
> I do recall hearing something about someone else taking over the
> rewinding business... The company might still be there, but I think
> the original owners aren't, anymore.
>
> --
> 73 = Best Regards,
> -Geoff/W5OMR
>
>
>

[Non-text portions of this message have been removed]

# 3370. Re: T-368 Modulation Deck

Yahoo group: T-368_BC-610
Date: 2008-08-03 17:53:25 UTC
From: tropicwind@aol.com
Topic: 3370  Message: 3370

Hi Gents,

When there is no other choice then to work on the modulation deck with power connected (being extremely careful due the HV present) are cable and connector extensions the only way to do this or will the original cable connectors reach?

Are such extensions available?

Suggestions appreciated!

Thanks
Jay W7PJS

**********Looking for a car that's sporty, fun and fits in your budget?
Read reviews on AOL Autos.
(http://autos.aol.com/cars-BMW-128-2008/expert-review?ncid=aolaut00050000000017 )

[Non-text portions of this message have been removed]

# 3371. Re: [T-368_BC-610] Re: T-368 Modulation Deck

Yahoo group: T-368_BC-610
Date: 2008-08-03 20:07:25 UTC
From: w5kgz@yahoo.com
Topic: 3370  Message: 3371

Hi Jay. It depends on what you want to work on. If the speech amp input and all circuits up to the grids of the mod tubes are the work area you can remove the entire deck from the slide out cab. The present connecting cables will not be long enough to let you remove it soooo disconnect them being careful to lable so you can replace them to their respective terminals...then I use a ac jumper cord to feed ac to proper power transformer primary and that way yoou will activate the bais and the hi voltage to the 2A3 without applying any to the rest of the circuit...that will let you feed a audio input sig to the 2A3's so yoou can check the audio sig to the grids of the 100th's for distortion or the likes....Hope this has been helpful..I just finished two 610's one E model and one I model and that is the way I checked both for audio response it worked for me and I hope it will for you Please let me know the results.....
PS it is work anyw ay you look at it.
W5KGZ
Perry Mason Vy 73rds

----- Original Message ----
From: "tropicwind@...m" <tropicwind@...>
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, August 3, 2008 12:53:25 PM
Subject: [T-368_BC-610] Re: T-368 Modulation Deck

Hi Gents,

When there is no other choice then to work on the modulation deck with power connected (being extremely careful due the HV present) are cable and connector extensions the only way to do this or will the original cable connectors reach?

Are such extensions available?

Suggestions appreciated!

Thanks
Jay W7PJS

********** **Looking for a car that's sporty, fun and fits in your budget?
Read reviews on AOL Autos.
(http://autos. aol.com/cars- BMW-128-2008/ expert-review? ncid=aolaut00050 000000017 )

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3372. Re: [T-368_BC-610] Re: T-368 Modulation Deck

Yahoo group: T-368_BC-610
Date: 2008-08-03 22:24:40 UTC
From: w7qho@aol.com
Topic: 3370  Message: 3372

In a message dated 8/3/08 10:53:45 AM, tropicwind@... writes:

> When there is no other choice then to work on the modulation deck with
> power
> connected (being extremely careful due the HV present) are cable and
> connector extensions the only way to do this or will the original cable
> connectors
> reach?
>
> Are such extensions available?
>
>
Jay,

If you're talking about ALL power including the 2500 volt HT, then extension cables would be one way to do it. Have never seen extension cables but presume that these or an equivalent test bench arrangement would have been available at some depot level. The speech amplifier is removable so setting up a bench arrangement with 115 vac and B+ connections from an external supply would give troubleshooting access up to the modulator grids. You could also get in-place above chassis access by removing the back panel and jumpering the interlock switch and test leads can be brought out through the now open back of the set from under chassis circuit points. Goes without saying that appropriate safety and insulation issues would have to be observed here.

BTW, just what are you doing that requires this kind of access?

Dennis D. W7QHO
Glendale, CA

**********
Looking for a car that's sporty, fun and fits in your budget?
Read reviews on AOL Autos.

(http://autos.aol.com/cars-BMW-128-2008/expert-review?ncid=aolaut00050000000017 )

[Non-text portions of this message have been removed]

# 3373. Re: [T-368_BC-610] Re: T-368 Modulation Deck

Yahoo group: T-368_BC-610
Date: 2008-08-04 01:22:10 UTC
From: w7qho@aol.com
Topic: 3370  Message: 3373

In a message dated 8/3/08 4:23:10 PM, Tropicwind writes:

> Also want to look at the grids of the 4-125's under load, with a scope
> while sweeping with an audio osc.
>

Jay,

The modulator in the T-368 was designed to operate AB1 and as such the grids of the 4-125 modulator tubes do not "load" to the speech amp driver, i.e., no grid current is drawn. Any attempt to drive the grids positive (AB2 operation) will only result in chipping. The little 6C4 (and equally small driver transformer) are not capable of providing any power to the 4-125 grids and the circuit was not designed to do so. Accordingly, if you want to sweep the speech amp to determine it's frequency response you can do this outside the modulator chassis on the bench and get accurate results.

Don't know if there's room on the mod chassis for a KW-1 xformer or not, but might be worth a try.

Good luck.

Dennis D. W7QHO
Glendale, CA

**********
Looking for a car that's sporty, fun and fits in your budget?
Read reviews on AOL Autos.

(http://autos.aol.com/cars-BMW-128-2008/expert-review?ncid=aolaut00050000000017 )

[Non-text portions of this message have been removed]

# 3374. Re: [T-368_BC-610] Re: T-368 Modulation Deck

Yahoo group: T-368_BC-610
Date: 2008-08-04 01:31:17 UTC
From: Jeff Weinberg W8CQ
Topic: 3370  Message: 3374

Hi Everyone,
Does anyone have the electrical specifications for the mod transformer for the T-368? I would like to begin the design for a replacement, but need all of the pertinent specs to do so.

Regards,
Jeff

Jeff Weinberg W8CQ
Harbach Electronics, LLC
468 County Road 620
Polk, OH 44866-9711
(419) 945-2359
http://www.harbachelectronics.com
http://www.pwdahl.com

# 3375. Re: [T-368_BC-610] Re: T-368 Modulation Deck

Yahoo group: T-368_BC-610
Date: 2008-08-04 05:50:43 UTC
From: Geoff/W5OMR
Topic: 3370  Message: 3375

Jeff Weinberg W8CQ wrote:
> Hi Everyone,
> Does anyone have the electrical specifications for the mod transformer
> for the T-368? I would like to begin the design for a replacement, but
> I need all of the pertinent specs to do so.

I can get you the exact impedance ratio, tomorrow. I'm using one of those transformers in my home brewed 250TH modulator. As for some other information on the aforementioned transformer, a rather authoritative figure in the world of AM radio has -this- to say about the T-368 mod transformer:

[AMRadio] Re: T3 Mod Iron Specs

D. Chester
Thu, 21 Feb 2008 08:25:39 -0800

Anyone know the approximate "designed" frequency range for a T-368 modulation transformer?

Brian / wa5am

The frequency range of the standard T-368 mod-transformer is 300 - 3500 CPS. The mod iron is rated for 250 watts MAX., with a peak working voltage of 5000, and max altitude operating range of 10,000 ft. Maximum

rated carrier power out of a standard T-368 400 Watts AM voice, and AM FSK,

and 450 watts CW/FSK. NOTE: that is two different ratings for FSK mode.

Jim> WB2FCN

We all know that a modified T-368 can do much better than that. It is not unusual for a transformer to vastly exceed the nominal frequency response given in the specs. 300-3500~ is the minimum guaranteed response, +/- a given number of dB's. If the actual transformer exceeds that, it still meets those contracted specs. I once used an audio driver tranformer, made by Chicago Transformer Co, with those same exact specs stamped on the case, but the thing was actually flat from well below 100 Hz to beyond 7 or 8 kHz. So unless you plan to run "communications grade" audio, those specs are meaningless, except for giving you an idea of how poor the response might be. In many cases, I suspect the communications-grade transformer comes from the same stock as similar transfromers rated for broadcast or other higher audio quality applications, and the company simply stamped the minimum ratings spelt out in the contract, instead of going to the expense and trouble of

modifying an existing design to degrade its frequency response down to communications grade, unless the customer specifically demanded it. After all, what would be objectionable about shipping out a lower cost product whose quality is actually superior to what was called for? To determine the real response, you need to test the transformer with a signal generator. Load the secondary with the specified resistive load. Put maybe half the specified primary impedance in series with the primary, and connect to the generator. Sweep the frequency response using a scope or good audio level meter. Many VOM's have a calibrated dB scale. You will need a generator capable of delivering enough voltage to get a good reading on the scope or meter. You may be surprised how good the response on that transformer is. IIRC, the BC-610 audio is specified at 100-5000~, and I suspect that transformer will turn out at least as good.

Let's say your transmitter is limited for 200 to 3000 cycles in the audio section, either by coupling caps, cathode bypass, cathode resistors, plate loading, and any transformers... what is the result of using an external EQ and audio chain that pumps audio from the mic that is beyond either end of the audio range the transmitter is allowed by design to pass?

I think this is a common mistake that a lot of us make that can cause some serious harmonics and other artifacts.

According to the engineering data included in one of my UTC catalogues, they recommend that the flat frequency response of an audio transformer should extend one octave above and one octave below the intended frequency response expected from the amplifier, to assure that the audio waveform coming out of the transformer is close to identical to what is fed into the transformer. Low frequency phase shift may alter the assymetry of the voice waveform, and, with a pushpull amplifier, high frequency phase shift may result in objectionable distortion caused by one side of the pushpull circuit not being exactly 180 degrees out of phase with the other. You can test the phase shift response of a balanced transformer with an oscilloscope. Feed audio into the transformer with a wide-range audio signal generator. On each balanced primary or secondary winding, connect the ground side of the scope to the midtap of the transformer winding, and connect one end of the winding to the horizontal input to the scope, and the other end to the vertical input. Adjust both horizontal and vertical gain for equal deflection on the scope tube. If there is no phase shift, you should see a straight diagonal line. If there is phase shift, the diagonal line will expand into an elongated oval shape. In the worst case, with 90 degrees of phase shift, the pattern will become a perfect circle. If it is a pushpull grids to pushpull plates transformer, run the test with both windings, by reversing primary and secordary and re-running the test. If there is a balanced 500/600 ohm output with a midtap, run the test with that winding as well. While you may not even use the midtap, the test will nevertheless give you an idea of the phase linearity of the transformer. Throughout the useful frequency range of the transformer, you should see the straight diagonal. At either end of the

response, it will begin to fatten out into an oval. If there is any nonlinearity, which may occur at the extreme ends of the response curve, the diagonal line may show curvature or zig-zag, or the oval may change into an irregular shape. I have accumulated a fair number of UTC Linear Standard series audio transformers, whose rated specs are typically 20-20,000 Hz, with some better than that and some not quite rated that good. In the vast majority of cases, I have detected phase shift above about 11,000 Hz, as well as dips and peaks in the response beyond that frequency. I have some older ones that begin to drop off and show erratic response above 6000~. I have found the same thing with broadcast quality Thordarson and Chicago transformers. But I have seen some that actually did meet their nominal specs. The tests I mentioned above are all without any DC through the secondary of the transformer. If the T-368 transformer shows disappointing low frequency response or phase shift, you might be able to improve its operation in a transmitter by using an adequate modulation reactor and coupling capacitor, to take the DC off the secondary. OTOH, if the tests give good results, the characteristics my degrade considerably when the transformer is run in a transmitter with full DC through the secondary.

Don k4kyv

--
73 = Best Regards,
-Geoff/W5OMR

# 3376. Re: [T-368_BC-610] New Member Introduction from Jeff W8CQ

Yahoo group: T-368_BC-610
Date: 2008-08-05 01:23:33 UTC
From: Joe Foley
Topic: 3361  Message: 3376

Excellent, Jeff!

I think I will post this to some other lists just to get the word out.

73

Joe

--- On Fri, 8/1/08, Jeff Weinberg W8CQ <w8cqjeff@verizon.net> wrote:
From: Jeff Weinberg W8CQ <w8cqjeff@...>
Subject: [T-368_BC-610] New Member Introduction from Jeff W8CQ
To: T-368_BC-610@yahoogroups.com
Date: Friday, August 1, 2008, 9:27 PM

Hello Everyone,

I wanted to drop an email to say hello and introduce myself. My name is

Jeff Weinberg and the call is W8CQ.

I have been following some of the threads, and with the blessing of the

moderator, I have some information for all of you concerning Peter Dahl

transformers. I am the person who took over the company from Peter

about 5 months ago. I have moved most of the operations here to my

small shop in Ohio. Until I get my new shop built, I am in partnership

with MagCap Engineering to build and sell the complete line of Peter

Dahl transformers and associated magnetics. As part of Peter selling

the company to me, I own all of the designs and blueprints to all of the

magnetics Peter used to sell.

Enough about that. A friend of mine is going to have me wind up a mod

transformer for a T-368 and I notice that quite a few other folks may

also need that particular unit. Right now I am in the process of

obtaining the electrical specifications for this unit. If anyone has

the original specs or good modified specs they would be willing to

share, I can use them to design a replacement mod transformer for the T-368.

What I am proposing is that the more people that may need this or any other transformer or choke get together and place a group order as I can keep the pricing much lower on an order or more than 1 unit. This is goes for a replacement power transformer for the T-3 or any other parts for the BC-610 or T-3.

Again, just wanted to say hello and let those of you who did not know that Peter Dahl transformers are still available.

If you have any questions or I can help any of you, please contact me directly. Also, thanks for allowing me to post this Joe.

73,

Jeff W8CQ

--

Jeff Weinberg W8CQ

Harbach Electronics, LLC

468 County Road 620

Polk, OH 44866-9711

(419) 945-2359

http://www.harbache lectronics. com

http://www.pwdahl. com

[Non-text portions of this message have been removed]

# 3377. NORTEX SALES Texas

Yahoo group: T-368_BC-610
Date: 2008-08-07 14:02:52 UTC
From: James M. Walker
Topic: 3377  Message: 3377

Howdy Folks,
Does anyone know if these folks are still in business?
TNX
Jim
WB2FCN

# 3378. TN-339 antenna tuner for sale

Yahoo group: T-368_BC-610
Date: 2008-08-17 15:55:34 UTC
From: Meir-WF2U
Topic: 3378  Message: 3378

Groups,

A friend of mine, Jon K1VVC, email jonweiner@... who is not a member of these mailing lists, has a nice TN-339 antenna tuner for sale. These are the antenna tuners for the T-368 which were the remake with the new nomenclature - of the BC-939 antenna tuners which were used with the BC-610.
Jon's TN-339 is in great shape, the case is refinished with non-military paint but it's fairly close to the T-3 color. The electronics are in great shape inside, the chassis is very clean. Also, the military ID plate is missing.
Jon would like $200 for it, and prefers pickup (he is in Greer, SC, near Greenville and Spartanburg, not far from I-85). He'd ship it if he has to...

This is all I know about the tuner. PLEASE - do not email me with inquiries, email directly to Jon K1VVC jonweiner@... .

Thanks,

73, Meir WF2U
Landrum, SC

No virus found in this outgoing message.
Checked by AVG.
Version: 7.5.524 / Virus Database: 270.6.4/1616 - Release Date: 8/16/2008 5:12 PM

# 3379. TN-339 antenna tuner for sale

Yahoo group: T-368_BC-610
Date: 2008-08-17 16:01:55 UTC
From: Meir-WF2U
Topic: 3378  Message: 3379

Groups,

I wonder whether anyone may have any information on a pre-WW2 US Signal Corps HF transmitter, ID plate says BC-307A , with contract date 1936. The manufacturer is General Electric. It's about the size of a BC-191, and the final tube is a VT-62. Google'ing didn't fetch any results.
My friend, K1VVC picked it up this weekend at a hamfest and would like to have more information on it.

Thanks,

73, Meir WF2U
Landrum, SC

# 3380. Info on Pre-WW2 BC-307A transmitter needed (OOPS, previous message went out with the wrong subject)

Yahoo group: T-368_BC-610
Date: 2008-08-17 16:04:31 UTC
From: Meir-WF2U
Topic: 3380  Message: 3380

Groups,

I wonder whether anyone may have any information on a pre-WW2 US Signal Corps HF transmitter, ID plate says BC-307A , with contract date 1936. The manufacturer is General Electric. It's about the size of a BC-191, and the final tube is a VT-62. Google'ing didn't fetch any results.
My friend, K1VVC picked it up this weekend at a hamfest and would like to have more information on it.

Thanks,

73, Meir WF2U
Landrum, SC

# 3381. Re: Info on Pre-WW2 BC-307-A transmitter needed

Yahoo group: T-368_BC-610
Date: 2008-08-17 16:18:15 UTC
From: wa5cab@cs.com
Topic: 3381  Message: 3381

Meir,

I have an Instruction Book on the BC-307-B, reprint $20 plus ship. But I
have no idea what if any the differences were between the A and B models.

In a message dated 8/17/2008 11:04:47 AM Central Daylight Time,
wf2u@... writes:
> Groups,
>
> I wonder whether anyone may have any information on a pre-WW2 US Signal
> Corps HF transmitter, ID plate says BC-307A , with contract date 1936. The
> manufacturer is General Electric. It's about the size of a BC-191, and the
> final tube is a VT-62. Google'ing didn't fetch any results.
> My friend, K1VVC picked it up this weekend at a hamfest and would like to
> have more information on it.
>
> Thanks,
>
> 73, Meir WF2U
> Landrum, SC
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3382. Re: bc 342

Yahoo group: T-368_BC-610
Date: 2008-08-18 20:19:23 UTC
From: Alan Morriss
Topic: 3382  Message: 3382

hello bob. do you by any chance have the covers for the jack sockets for a bc 342 ? i have just acquired one which looks like new. unfortunately they have been removed along with the smoothing capacitor in the psu. cheers, alan
----- Original Message -----
From: wa5cab@...
To: mrca@... ; milsurplus@... ; T-368_BC-610@yahoogroups.com
Sent: Sunday, August 17, 2008 5:18 PM
Subject: [T-368_BC-610] Re: Info on Pre-WW2 BC-307-A transmitter needed

Meir,

I have an Instruction Book on the BC-307-B, reprint $20 plus ship. But I
have no idea what if any the differences were between the A and B models.

In a message dated 8/17/2008 11:04:47 AM Central Daylight Time,
wf2u@... writes:
> Groups,
>
> I wonder whether anyone may have any information on a pre-WW2 US Signal
> Corps HF transmitter, ID plate says BC-307A , with contract date 1936. The
> manufacturer is General Electric. It's about the size of a BC-191, and the
> final tube is a VT-62. Google'ing didn't fetch any results.
> My friend, K1VVC picked it up this weekend at a hamfest and would like to
> have more information on it.
>
> Thanks,
>
> 73, Meir WF2U
> Landrum, SC
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3383. RE: [T-368_BC-610] Re: bc 342

Yahoo group: T-368_BC-610
Date: 2008-08-18 20:27:38 UTC
From: Trevor
Topic: 3382  Message: 3383

if Bob does not, or in case it's a help, the slang term for those jack socket covers here in the US is "toilet seats" and I think you might find some here; the wrinkle ones look a lot like what came on the BC series receivers

http://www.fairradio.com/catalog.php?mode=view&categoryid=2345

73
de
kd1yt

------- Original Message -------
From : Alan Morriss[mailto:mohawk@...]
Sent : 8/18/2008 4:19:23 PM
To : T-368_BC-610@yahoogroups.com
Cc :
Subject : RE: [T-368_BC-610] Re: bc 342

hello bob. do you by any chance have the covers for the jack sockets for a bc 342 ? i have just acquired one which looks like new. unfortunately they have been removed along with the smoothing capacitor in the psu. cheers, alan

----- Original Message -----

From: wa5cab@...

To: mrca@... ; milsurplus@... ; T-368_BC-610@yahoogroups.com

Sent: Sunday, August 17, 2008 5:18 PM

Subject: [T-368_BC-610] Re: Info on Pre-WW2 BC-307-A transmitter needed

Meir,

I have an Instruction Book on the BC-307-B, reprint $20 plus ship. But I

have no idea what if any the differences were between the A and B models.

In a message dated 8/17/2008 11:04:47 AM Central Daylight Time,

wf2u@... writes:

> Groups,

>

> I wonder whether anyone may have any information on a pre-WW2 US Signal

> Corps HF transmitter, ID plate says BC-307A , with contract date 1936. The

> manufacturer is General Electric. It's about the size of a BC-191, and the

> final tube is a VT-62. Google'ing didn't fetch any results.

> My friend, K1VVC picked it up this weekend at a hamfest and would like to

> have more information on it.

>

> Thanks,

>

> 73, Meir WF2U

> Landrum, SC

>

Robert Downs - Houston

wa5cab dot com (Web Store)

MVPA 9480

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3384. Junction Box JB-70

Yahoo group: T-368_BC-610
Date: 2008-08-20 18:54:23 UTC
From: n8zfm
Topic: 3384  Message: 3384

Hi all, I'm new to the list and just acquired a BC-610-I, 614, 939 and a 342. What I don't have is a JB-70 Junction box and it would be nice to have to cable it all up just as the Army originally had it. Does anyone have a JB-70(A) they would be willing to part with, or know of someone who does?

I could also use some tank coils, I have a full set of tuning units. but only the one 80M coil.

I hope to get the beast on 80M soon, I've wanted one of these since I saw one in operation as a kid. Now I have a real honest to god boatanchor! Beautiful piece of equipment.

Thanks, 73 - Dave N8ZFM

# 3385. BC-610E

Yahoo group: T-368_BC-610
Date: 2008-08-20 19:17:55 UTC
From: Jack Taylor
Topic: 3384  Message: 3385

My BC-610E is in need of a new paint job. Does anyone have a
silk screen for the front panel?

73 de Jack

[Non-text portions of this message have been removed]

# 3386. Re: [SPAM][T-368_BC-610] Junction Box JB-70

Yahoo group: T-368_BC-610
Date: 2008-08-20 20:05:55 UTC
From: Alan Morriss
Topic: 3386  Message: 3386

hello dave, you and me both.i used to scrounge my way into the signals unit by stealing eggs from my father's chickens and giving them to the guys. i was fascinated by the trucks, and when one unit left i hid one of the little ladders used to get in. as i hoped they never found it, and i still have it. it tooksome 60 years before i got the truck to go with it ! cheers, alan g4gen

----- Original Message -----
From: n8zfm
To: T-368_BC-610@yahoogroups.com
Sent: Wednesday, August 20, 2008 7:54 PM
Subject: [SPAM][T-368_BC-610] Junction Box JB-70

Hi all, I'm new to the list and just acquired a BC-610-I, 614, 939 and a 342. What I don't have is a JB-70 Junction box and it would be nice to have to cable it all up just as the Army originally had it. Does anyone have a JB-70(A) they would be willing to part with, or know of someone who does?

I could also use some tank coils, I have a full set of tuning units. but only the one 80M coil.

I hope to get the beast on 80M soon, I've wanted one of these since I saw one in operation as a kid. Now I have a real honest to god boatanchor! Beautiful piece of equipment.

Thanks, 73 - Dave N8ZFM

[Non-text portions of this message have been removed]

# 3387. Very Big Plate Transformer available

Yahoo group: T-368_BC-610
Date: 2008-08-22 14:42:07 UTC
From: Trevor
Topic: 3387 Message: 3387

Hello all- not T-3 specific, but I know that many of you also are into other "big iron" and fraternize with others who have incurable thirst for ferrous materials.

This is a chance to save a nice piece of big retro HV iron from being melted down and shipped overseas as scrap.

A non-ham friend of mine has a brother who just bought the house (in VT) of a former (SK) ham. Only one item of equipment remained- the family had taken the rest. It's a huge plate transformer- 3 phase.

My friend is an engineer, so he had his brother oopy the nameplate specs, which are:

Federal Telephone & Radio Corp

Newark, NJ

Ser No 33022

Sec. T5CB

Type RC-8411-2

KVA 7.42

CYC 50/60

PH 3

C Rise 5.0

PMS

Test 1.5/7.5 kv

PRI 200/210/220/230/240

Sec 2280v

Spec

No 905

It sounds like it was in a box, so it may even be unused, but I am unsure, as I have not seen it first hand yet.

The fellow who has it would like to send it- preferably sell it to a good home (and have the buyer handle the coming-and-getting, as it's apparently barely-liftable, even by my friend, who happens to be a serious weight-lifter)

Use me as the contact point, and feel free to cross-post this to other lists where "big iron" types hang out, and I'll relay legit inquiries to the fellow who owns this beast

73
Trevor
kd1yt
kd1yt@...

# 3388. No more E-bay auctions!!!

Yahoo group: T-368_BC-610
Date: 2008-08-23 03:09:19 UTC
From: redmenaced
Topic: 3388  Message: 3388

PayPal is their big cash cow now. Who would have guessed that one?

http://abcnews.go.com/Business/story?id=5626840&page=1

Now, aren't you sorry you bad-mouthed their auctions?

# 3389. Collins 618t

Yahoo group: T-368_BC-610
Date: 2008-08-27 13:35:04 UTC
From: Alan Morriss
Topic: 3389  Message: 3389

Hello everyone. does anyone have or know the whereabouts of a vehicle mounting kit for the collins 618t ? They were used in the MRC95 and MRC108 jeep radio stations.cheers, alan G4GEN

[Non-text portions of this message have been removed]

# 3390. FS: Scarce T-946/GRC-129 Transmitter

Yahoo group: T-368_BC-610
Date: 2008-09-04 13:31:53 UTC
From: John Poulton
Topic: 3390  Message: 3390

Folks,

I'm posting this for a non-lister, in hopes this rare and interesting
transmitter can find a good new home out there on the left coast!

**********
For sale: Scarce T-946/GRC-129 transmitter. This rig is essentially
a T-368 modified for SSB operation. The power supply deck is nearly
identical to the original T-368. The modulator deck has been stripped
of everything except the speech amp and LV power supply. The RF deck
is completely redesigned, with a SSB exciter in place of the original
T-3 exciter, and a PL172/8295A PA tube in place of the original 4-400.

The transmitter appears to be complete and is in fairly good condition, but
will require some work to get going. Cosmetic issues are mainly
spotty surface rust and dirt. Pictures at:

http://www.jptronics.org/pix/t946

Owner is asking $400 for the rig, which is located in McMinnville, Oregon.
Local pickup only. Contact Terry at 503-472-5772

w7tlt@...

**********
Don't return mail to me! I'm only the messenger.. :)

73, John K4OZY
--

# 3391. Re: [T-368_BC-610] FS: Scarce T-946/GRC-129 Transmitter

Yahoo group: T-368_BC-610
Date: 2008-09-04 13:50:35 UTC
From: Todd, KA1KAQ
Topic: 3390  Message: 3391

On Thu, Sep 4, 2008 at 9:31 AM, John Poulton <jp@...> wrote:
> Folks,
>
> I'm posting this for a non-lister, in hopes this rare and interesting
> transmitter can find a good new home out there on the left coast!

Interesting pics, first time I've seen inside one. Looks like it would
clean up pretty well. Sure would like the shockmount base for my T-3!

If anyone goes after this transmitter, be sure to visit the Evergreen
Aviation museum while there. The Hughes H-4 Hercules and a lot of
other nice planes are there, in a nice setting near a smaller town.

~ Todd, KA1KAQ

# 3392. Re: [T-368_BC-610] FS: Scarce T-946/GRC-129 Transmitter

Yahoo group: T-368_BC-610
Date: 2008-09-04 14:29:02 UTC
From: John Poulton
Topic: 3390 Message: 3392

That IS a cool transmitter, isn't it?! You can thank me for talking
the guy out of taking it apart and parting it out.. :)

Cheers,
jp

On Thu, 4 Sep 2008, Todd, KA1KAQ wrote:

> On Thu, Sep 4, 2008 at 9:31 AM, John Poulton <jp@...> wrote:
>> Folks,
>>
>> I'm posting this for a non-lister, in hopes this rare and interesting
>> transmitter can find a good new home out there on the left coast!
>
> Interesting pics, first time I've seen inside one. Looks like it would
> clean up pretty well. Sure would like the shockmount base for my T-3!
>
> If anyone goes after this transmitter, be sure to visit the Evergreen
> Aviation museum while there. The Hughes H-4 Hercules and a lot of
> other nice planes are there, in a nice setting near a smaller town.
>
> ~ Todd, KA1KAQ
>

--

# 3393. Re: [T-368_BC-610] FS: Scarce T-946/GRC-129 Transmitter

Yahoo group: T-368_BC-610
Date: 2008-09-04 15:23:35 UTC
From: Todd, KA1KAQ
Topic: 3390  Message: 3393

On Thu, Sep 4, 2008 at 10:29 AM, John Poulton <jp@...> wrote:
> That IS a cool transmitter, isn't it?! You can thank me for talking
> the guy out of taking it apart and parting it out.. :)

Yes, thanks John - although I really coulda used that shockmount base
on that transmitter you saw in the garage. Better to find a home for
the whole transmitter, if possible.

~ Todd, 'KAQ

# 3394. Hello Buddy in SC from Jeff W8CQ

Yahoo group: T-368_BC-610
Date: 2008-09-05 23:51:51 UTC
From: Jeff Weinberg W8CQ
Topic: 3394  Message: 3394

Hi All,
Sorry for the bandwidth, but this is my only method of contact.

Buddy in SC, you called me today about the T-368 mod transformer, but I copied your call back number wrong. Please give me a call again or email.

Thanks,
Jeff W8CQ

# 3395. T-946/GRC-129 for parts

Yahoo group: T-368_BC-610
Date: 2008-09-08 12:48:18 UTC
From: Terry
Topic: 3395  Message: 3395

Hi all, I am parting out the middle and bottom drawers of the transmitter. I was told the meters are the same as the ones in the T-368 also.
73,
Terry
W7TLT

# 3396. Re: [T-368_BC-610] T-946/GRC-129 for parts

Yahoo group: T-368_BC-610
Date: 2008-09-08 15:44:51 UTC
From: Todd, KA1KAQ
Topic: 3395  Message: 3396

Terry, if you're going to part it out, I'd really like the shockmount base for my T-368. The shocks should easily unbolt from the bottom of the cabinet, once it's empty.

Might also be interested in the power supply panel if no one takes the whole drawer. Mine is pretty rough.

Thanks -

~ Todd, KA1KAQ

On Mon, Sep 8, 2008 at 8:48 AM, Terry <w7tlt@...> wrote:
> Hi all, I am parting out the middle and bottom drawers of the
> transmitter. I was told the meters are the same as the ones in the T-
> 368 also.
> 73,
> Terry
> W7TLT
>
>

# 3397. RE: [T-368_BC-610] T-946/GRC-129 for parts

Yahoo group: T-368_BC-610
Date: 2008-09-09 00:34:09 UTC
From: Skip Frolik
Topic: 3395  Message: 3397

Man .... just my opinion .... but that's
a shame to part that unit out. Or at least
it's my understanding that there weren't
many of them made. Am I incorrect on that ????
It'd be cool to have that along side the T-368.
One for AM and one for SSB.
Would be "Mighty Fine".

Skip
WB4GMQ

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On
Behalf Of Todd, KA1KAQ
Sent: Monday, September 08, 2008 10:45 AM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] T-946/GRC-129 for parts

Terry, if you're going to part it out, I'd really like the shockmount
base for my T-368. The shocks should easily unbolt from the bottom of
the cabinet, once it's empty.

Might also be interested in the power supply panel if no one takes the
whole drawer. Mine is pretty rough.

Thanks -

~ Todd, KA1KAQ

On Mon, Sep 8, 2008 at 8:48 AM, Terry <w7tlt@...> wrote:
> Hi all, I am parting out the middle and bottom drawers of the
> transmitter. I was told the meters are the same as the ones in the T-
> 368 also.
> 73,
> Terry
> W7TLT
>
>

---

Yahoo! Groups Links

# 3398. RE: [T-368_BC-610] T-946/GRC-129 for parts

Yahoo group: T-368_BC-610
Date: 2008-09-09 02:01:52 UTC
From: Trevor
Topic: 3395  Message: 3398

probably happening because no one stepped up to buy
it- soooo, someone do so....

73
de
kd1yt

------- Original Message -------
From : Skip Frolik[mailto:frolik@...]
Sent : 9/8/2008 8:34:09 PM
To : T-368_BC-610@yahoogroups.com
Cc :
Subject : RE: [T-368_BC-610] T-946/GRC-129 for parts

Man .... just my opinion .... but that's

a shame to part that unit out. Or at least

it's my understanding that there weren't

many of them made. Am I incorrect on that ????

It'd be cool to have that along side the T-368.

One for AM and one for SSB.

Would be "Mighty Fine".

Skip

WB4GMQ

-----Original Message-----

From: T-368_BC-610@yahoogroups.com
[mailto:T-368_BC-610@yahoogroups.com] On

Behalf Of Todd, KA1KAQ

Sent: Monday, September 08, 2008 10:45 AM

To: T-368_BC-610@yahoogroups.com

Subject: Re: [T-368_BC-610] T-946/GRC-129 for parts

Terry, if you're going to part it out, I'd really
like the shockmount

base for my T-368. The shocks should easily unbolt
from the bottom of

the cabinet, once it's empty.

Might also be interested in the power supply panel if
no one takes the

whole drawer. Mine is pretty rough.

Thanks -

~ Todd, KA1KAQ

On Mon, Sep 8, 2008 at 8:48 AM, Terry
<w7tlt@...> wrote:

> Hi all, I am parting out the middle and bottom
drawers of the

> transmitter. I was told the meters are the same as
the ones in the T-

> 368 also.

> 73,

> Terry

> W7TLT

>

>

---

Yahoo! Groups Links

# 3399. RE: [T-368_BC-610] T-946/GRC-129 for parts

Yahoo group: T-368_BC-610
Date: 2008-09-09 04:12:40 UTC
From: Skip Frolik
Topic: 3395  Message: 3399

OK .... guess I must have missed the previous posting
listing it for sale. Been busy dealing with tropical
storms. Too bad .... I would have been interested in
at least attempting to rescue it unless the price was
totally out of wack. Main challenge would be to get it
from I "Assume" OR based on the W7TLT call. Course I've
been know to do crazier things ....Ya Boy. Wonder why no
one on the West Coast didn't pick it up ????
Were they a dog to keep running ???? I must admit I've
never seen one in the flesh or known anyone that had one.
It's already apparently got the shock mount on it
according to Todd so it sounded like it would be cool
to have it mounted in the comm van next to the T-368.
Well so be it ....

Skip

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On
Behalf Of Trevor
Sent: Monday, September 08, 2008 9:02 PM
To: T-368_BC-610@yahoogroups.com
Subject: RE: [T-368_BC-610] T-946/GRC-129 for parts

probably happening because no one stepped up to buy
it- soooo, someone do so....

73
de
kd1yt

------- Original Message -------
From : Skip Frolik[mailto:frolik@...]
Sent : 9/8/2008 8:34:09 PM
To : T-368_BC-610@yahoogroups.com
Cc :
Subject : RE: [T-368_BC-610] T-946/GRC-129 for parts

Man .... just my opinion .... but that's

a shame to part that unit out. Or at least

it's my understanding that there weren't

many of them made. Am I incorrect on that ????

It'd be cool to have that along side the T-368.

One for AM and one for SSB.

Would be "Mighty Fine".

Skip

WB4GMQ

-----Original Message-----

From: T-368_BC-610@yahoogroups.com
[mailto:T-368_BC-610@yahoogroups.com] On

Behalf Of Todd, KA1KAQ

Sent: Monday, September 08, 2008 10:45 AM

To: T-368_BC-610@yahoogroups.com

Subject: Re: [T-368_BC-610] T-946/GRC-129 for parts

Terry, if you're going to part it out, I'd really
like the shockmount

base for my T-368. The shocks should easily unbolt
from the bottom of

the cabinet, once it's empty.

Might also be interested in the power supply panel if
no one takes the

whole drawer. Mine is pretty rough.

Thanks -

~ Todd, KA1KAQ

On Mon, Sep 8, 2008 at 8:48 AM, Terry
<w7tlt@...> wrote:

> Hi all, I am parting out the middle and bottom
drawers of the

> transmitter. I was told the meters are the same as
the ones in the T-

> 368 also.

> 73,

> Terry

> W7TLT

>

>

---

Yahoo! Groups Links

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Yahoo! Groups Links

# 3400. RE: [T-368_BC-610] T-946/GRC-129 for parts

Yahoo group: T-368_BC-610
Date: 2008-09-09 12:56:47 UTC
From: John Poulton
Topic: 3395  Message: 3400

That is absolutely true. However, Terry kindly offered the entire transmitter
to the group at a really great low price, but he got no takers. Is there NOone
out there on the left coast who'd be willing to take this rare transmitter on??!

73, John K4OZY

On Mon, 8 Sep 2008, Skip Frolik wrote:

> Man .... just my opinion .... but that's
> a shame to part that unit out. Or at least
> it's my understanding that there weren't
> many of them made. Am I incorrect on that ????
> It'd be cool to have that along side the T-368.
> One for AM and one for SSB.
> Would be "Mighty Fine".
>
> Skip
> WB4GMQ
>
> -----Original Message-----
> From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On
> Behalf Of Todd, KA1KAQ
> Sent: Monday, September 08, 2008 10:45 AM
> To: T-368_BC-610@yahoogroups.com
> Subject: Re: [T-368_BC-610] T-946/GRC-129 for parts
>
> Terry, if you're going to part it out, I'd really like the shockmount
> base for my T-368. The shocks should easily unbolt from the bottom of
> the cabinet, once it's empty.
>
> Might also be interested in the power supply panel if no one takes the
> whole drawer. Mine is pretty rough.
>
> Thanks -
>
> ~ Todd, KA1KAQ
>
> On Mon, Sep 8, 2008 at 8:48 AM, Terry <w7tlt@...> wrote:
>> Hi all, I am parting out the middle and bottom drawers of the
>> transmitter. I was told the meters are the same as the ones in the T-
>> 368 also.
>> 73,
>> Terry
>> W7TLT
>>
>>

>
> ------------------------------------
>
> Yahoo! Groups Links
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# 3401. Re: [T-368_BC-610] T-946/GRC-129 for parts

Yahoo group: T-368_BC-610
Date: 2008-09-09 13:30:02 UTC
From: Terry T
Topic: 3395  Message: 3401

Hi Trevor, there was a ham in NY that wanted to see about trucking the thing. I can't deal with trying to ship something that big now. I can't believe no one on the west coast wanted it. I have not had one email about the power supply drawer, I would hate to have to replace the choke or transformer in it. The supply is the same as the T-368. I am going to keep the stuff here until the first of Oct and then it goes to the dumps. A ham in PA took the audio amp the cabinet both the meters a few of the bolts.
73, Terry

[Non-text portions of this message have been removed]

# 3402. Re: [T-368_BC-610] T-946/GRC-129 for parts

Yahoo group: T-368_BC-610
Date: 2008-09-09 14:34:02 UTC
From: Dave And Merrijoy
Topic: 3395  Message: 3402

Where on the west coast?
Dave w9ocm

----- Original Message -----
From: Terry T
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, September 09, 2008 9:30 AM
Subject: Re: [T-368_BC-610] T-946/GRC-129 for parts

Hi Trevor, there was a ham in NY that wanted to see about trucking the thing. I can't deal with trying to ship something that big now. I can't believe no one on the west coast wanted it. I have not had one email about the power supply drawer, I would hate to have to replace the choke or transformer in it. The supply is the same as the T-368. I am going to keep the stuff here until the first of Oct and then it goes to the dumps. A ham in PA took the audio amp the cabinet both the meters a few of the bolts.
73, Terry

[Non-text portions of this message have been removed]

---

No virus found in this incoming message.
Checked by AVG.
Version: 7.5.524 / Virus Database: 270.6.19/1661 - Release Date: 9/9/2008 4:58 AM

[Non-text portions of this message have been removed]

# 3403. Re: [T-368_BC-610] T-946/GRC-129 for parts

Yahoo group: T-368_BC-610
Date: 2008-09-09 14:53:31 UTC
From: Terry T
Topic: 3395  Message: 3403

McMinnville, OR
Terry

[Non-text portions of this message have been removed]

# 3404. RE: [T-368_BC-610] T-946/GRC-129 for parts

Yahoo group: T-368_BC-610
Date: 2008-09-09 15:38:07 UTC
From: Skip Frolik
Topic: 3395  Message: 3404

So bottom line .... is it still all together or
have you parted it out ???? I'm a bit unclear if
the Oct deadline is for the remains or the date
to start the parting out. What's the rush ????

Skip

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On
Behalf Of Terry T
Sent: Tuesday, September 09, 2008 8:30 AM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] T-946/GRC-129 for parts

Hi Trevor, there was a ham in NY that wanted to see about trucking the thing. I
can't deal with trying to ship something that big now. I can't believe no one on
the west coast wanted it. I have not had one email about the power supply
drawer, I would hate to have to replace the choke or transformer in it. The
supply is the same as the T-368. I am going to keep the stuff here until the
first of Oct and then it goes to the dumps. A ham in PA took the audio amp the
cabinet both the meters a few of the bolts.
73, Terry

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

# 3405. Re: [T-368_BC-610] T-946/GRC-129 for parts

Yahoo group: T-368_BC-610
Date: 2008-09-09 16:39:21 UTC
From: Todd, KA1KAQ
Topic: 3395  Message: 3405

On Tue, Sep 9, 2008 at 11:38 AM, Skip Frolik <frolik@...> wrote:
> What's the rush ????

Distance + expense to travel makes it a lot less attractive in today's world. Like many of us who sell stuff, Terry no longer wants the item around. If the unit can't be sold intact, at least it can help get or keep others on the air. It's a stripped down version of its AM/CW/RTTY counterpart, so probably not as attractive to most folks. And Oregon is a looooong haul.

I'm in the process of a move right now, and despite still being young enough to move the heavy stuff, the whole mindset for me is evolving. The load is going to be lightened a lot. Keep that hand truck handy. (o:

~ Todd, KA1KAQ

>
> Skip
>
>
> -----Original Message-----
> From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On
> Behalf Of Terry T
> Sent: Tuesday, September 09, 2008 8:30 AM
> To: T-368_BC-610@yahoogroups.com
> Subject: Re: [T-368_BC-610] T-946/GRC-129 for parts
>
> Hi Trevor, there was a ham in NY that wanted to see about trucking the
> thing. I
> can't deal with trying to ship something that big now. I can't believe no
> one on
> the west coast wanted it. I have not had one email about the power supply
> drawer, I would hate to have to replace the choke or transformer in it. The
> supply is the same as the T-368. I am going to keep the stuff here until the
> first of Oct and then it goes to the dumps. A ham in PA took the audio amp
> the
> cabinet both the meters a few of the bolts.
> 73, Terry
>
> [Non-text portions of this message have been removed]
>
> ------------------------------------
>
> Yahoo! Groups Links
>

>

# 3406. RE: [T-368_BC-610] T-946/GRC-129 for parts

Yahoo group: T-368_BC-610
Date: 2008-09-09 18:03:29 UTC
From: Skip Frolik
Topic: 3395  Message: 3406

Well again .... just my thoughts .... but he didn't wait very long.
And it's "HIS STUFF TO DO WITH AS HE WISHES" .... let me be really
clear on that. Even though it sounds like I'm whining I'm not.
I'm just a really cranky annoying opinioned white heterosexual middle
class non-enlightened gun loving God fearing old man and proud of it.
Did I leave anything out .... Hehehe. (Also Heavy Iron and AM loving)

And to tell a story .... Once upon a time .... Or this ain't no S*it.
Back in the day when I did muscle car rebuilding I took 2 years to
complete a 73 455SD T/A. Beautiful car if I don't say so and the
production numbers were somewhere less than 300 such units.
One day as I was out cruising I was stopped by a gentleman that just
had to have that car. We struck up a price and the deal was done.
Two weeks later I was informed that he had been out on the town
one night, had a few too many and wrapped it around a tree.
At first it really pissed me off and then my wife (who is much more
rational than I am) informed me it was no longer mine to say anything
about. She was right of course. Even though what took me 2 years to
complete was gone in a flash it was his car. By the way he walked away
without a scratch. Guess I'll burn in hell but I would have been a
bit happier if he would have at least been busted up a bit .... Hehehe.

Sooooo .... right about now I guess some old Polish Proverb would be
appropriate as Banacek would have done but alas none come to mind.
Todd keep me in mind when you start culling. I don't mind driving.
If I'm really interested in something I'll make the trip for sure.
Fact after all the hurricanes of 2004 and 2005 one of the local dealers
pretty much got destroyed and we bought a new F-250 for cost just
for boatanchor hauling. I believe you're moving to the "Upper South"
so it's not that far from down here along the coast. Even though I'm
older than you I haven't "smarted up" enough to stop dragging heavy
Iron home. Fact just build another building to have more space.

Everyone have a good one, be safe and take care.

"OUT"

Skip
WB4GMQ

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On
Behalf Of Todd, KA1KAQ
Sent: Tuesday, September 09, 2008 11:39 AM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] T-946/GRC-129 for parts

On Tue, Sep 9, 2008 at 11:38 AM, Skip Frolik <frolik@...> wrote:
> What's the rush ????

Distance + expense to travel makes it a lot less attractive in today's world. Like many of us who sell stuff, Terry no longer wants the item around. If the unit can't be sold intact, at least it can help get or keep others on the air. It's a stripped down version of its AM/CW/RTTY counterpart, so probably not as attractive to most folks. And Oregon is a loooong haul.

I'm in the process of a move right now, and despite still being young enough to move the heavy stuff, the whole mindset for me is evolving. The load is going to be lightened a lot. Keep that hand truck handy. (o:

~ Todd, KA1KAQ
---

# 3407. RE: [T-368_BC-610] T-946/GRC-129 for parts

Yahoo group: T-368_BC-610
Date: 2008-09-10 00:08:50 UTC
From: Joe Foley
Topic: 3395  Message: 3407

At least get the modulator deck and the RF deck, we can fake the rest!

Joe

--- On Tue, 9/9/08, Skip Frolik <frolik@...> wrote:
From: Skip Frolik <frolik@...>
Subject: RE: [T-368_BC-610] T-946/GRC-129 for parts
To: T-368_BC-610@yahoogroups.com
Date: Tuesday, September 9, 2008, 2:03 PM

Well again .... just my thoughts .... but he didn't wait very long.

And it's "HIS STUFF TO DO WITH AS HE WISHES" .... let me be really

clear on that. Even though it sounds like I'm whining I'm not.

I'm just a really cranky annoying opinioned white heterosexual middle

class non-enlightened gun loving God fearing old man and proud of it.

Did I leave anything out .... Hehehe. (Also Heavy Iron and AM loving)

And to tell a story .... Once upon a time .... Or this ain't no S*it.

Back in the day when I did muscle car rebuilding I took 2 years to

complete a 73 455SD T/A. Beautiful car if I don't say so and the

production numbers were somewhere less than 300 such units.

One day as I was out cruising I was stopped by a gentleman that just

had to have that car. We struck up a price and the deal was done.

Two weeks later I was informed that he had been out on the town

one night, had a few too many and wrapped it around a tree.

At first it really pissed me off and then my wife (who is much more

rational than I am) informed me it was no longer mine to say anything

about. She was right of course. Even though what took me 2 years to

complete was gone in a flash it was his car. By the way he walked away

without a scratch. Guess I'll burn in hell but I would have been a

bit happier if he would have at least been busted up a bit .... Hehehe.

Sooooo .... right about now I guess some old Polish Proverb would be

appropriate as Banacek would have done but alas none come to mind.

Todd keep me in mind when you start culling. I don't mind driving.

If I'm really interested in something I'll make the trip for sure.

Fact after all the hurricanes of 2004 and 2005 one of the local dealers

pretty much got destroyed and we bought a new F-250 for cost just

for boatanchor hauling. I believe you're moving to the "Upper South"

so it's not that far from down here along the coast. Even though I'm

older than you I haven't "smarted up" enough to stop dragging heavy

Iron home. Fact just build another building to have more space.

Everyone have a good one, be safe and take care.

"OUT"

Skip

WB4GMQ

-----Original Message-----

From: T-368_BC-610@ yahoogroups. com [mailto:T-368_BC-610@ yahoogroups. com] On

Behalf Of Todd, KA1KAQ

Sent: Tuesday, September 09, 2008 11:39 AM

To: T-368_BC-610@ yahoogroups. com

Subject: Re: [T-368_BC-610] T-946/GRC-129 for parts

On Tue, Sep 9, 2008 at 11:38 AM, Skip Frolik <frolik@gulftel. com> wrote:

> What's the rush ????

Distance + expense to travel makes it a lot less attractive in today's

world. Like many of us who sell stuff, Terry no longer wants the item

around. If the unit can't be sold intact, at least it can help get or

keep others on the air. It's a stripped down version of its AM/CW/RTTY

counterpart, so probably not as attractive to most folks. And Oregon

is a loooong haul.

I'm in the process of a move right now, and despite still being young

enough to move the heavy stuff, the whole mindset for me is evolving.

The load is going to be lightened a lot. Keep that hand truck handy.

(o:

~ Todd, KA1KAQ

---

[Non-text portions of this message have been removed]

# 3408. FS: T-368E

Yahoo group: T-368_BC-610
Date: 2008-09-24 00:52:04 UTC
From: Tom
Topic: 3408  Message: 3408

I have for sale a T-368E, complete and in good shape.
Cabinet has some small surface rust, outside only, and
some small white over-spray on the PS section front.

Complete, but it's not been fired up in a good while.
Somewhere I have some type-C jumpers and a pair
of brand new blown-fuse indicator lamps, but can't find
them so far.

Pictures in progress, will post on group.

$750.00 Pick Up Only
Murfreesboro, TN

Would really like it to go in a couple weeks.

Tom NU4G

(note to Joe Foley - a bit better condition than your red-striper, but without the red stripe)

# 3409. Re: [T-368_BC-610] FS: T-368E

Yahoo group: T-368_BC-610
Date: 2008-09-24 01:15:15 UTC
From: Joe Foley
Topic: 3408  Message: 3409

That wouldn't take much!  Mine WAS hideous looking.

It looks quite refined now.

Joe

--- On Tue, 9/23/08, Tom <nu4g.radio@...> wrote:
From: Tom <nu4g.radio@...>
Subject: [T-368_BC-610] FS: T-368E
To: T-368_BC-610@yahoogroups.com
Date: Tuesday, September 23, 2008, 8:52 PM

I have for sale a T-368E, complete and in good shape.

Cabinet has some small surface rust, outside only, and

some small white over-spray on the PS section front.

Complete, but it's not been fired up in a good while.

Somewhere I have some type-C jumpers and a pair

of brand new blown-fuse indicator lamps, but can't find

them so far.

Pictures in progress, will post on group.

$750.00 Pick Up Only

Murfreesboro, TN

Would really like it to go in a couple weeks.

Tom NU4G

(note to Joe Foley - a bit better condition than your red-striper, but without the red stripe)

[Non-text portions of this message have been removed]

# 3410. Re: [T-368_BC-610] FS: T-368E

Yahoo group: T-368_BC-610
Date: 2008-09-24 13:41:40 UTC
From: Todd, KA1KAQ
Topic: 3408  Message: 3410

On Tue, Sep 23, 2008 at 9:15 PM, Joe Foley <redmenaced@...> wrote:
> That wouldn't take much! Mine WAS hideous looking.
>
> It looks quite refined now.

Yes, but does it enjoy tea and scones, OM? I recall well your adventure of retrieving that transmitter, and success despite the best attempts of the Ohio/PA roads to shake it to bits.

Tom, I cross-posted your listing to AMfone as there's a pretty active group there, many of whom appreciate and would love to have a T-3. I'm sure at the price you're asking, it will find a new home quickly. Is this the one that has occupied your living room floor for a while?

~ Todd, KA1KAQ

# 3411. Re: T-368

Yahoo group: T-368_BC-610
Date: 2008-09-25 20:28:09 UTC
From: Tom Norris
Topic: 69  Message: 3411

The T-368 has been spoken for. I appreciate the interest and wish I had three or four more to offer so no one would have been left out.

Once again, thanks to all

Tom NU4G

# 3413. Re: [T-368_BC-610] BC-610 F front panel removal

Yahoo group: T-368_BC-610
Date: 2008-09-27 20:24:46 UTC
From: James M. Walker
Topic: 3412  Message: 3413

Ah,
First off shouldn't be necessary to remove the front panel to drop the pot. R12 removal, first remove the knob, then the nut holding the variable resistor to the panel, push the shaft towards the rear of the transmitter, mark the leads to the resistor as to NOT mix their positions up. Unsolder the leads, drop in the replacement, (you do have a replacement?) resolder leads, poke it back thru the front panel mounting hole. replace the washer, and the nut for the shaft, then the knob. Turn the shaft to the extreme counter clock-wise position. Set the pointer on the knob to the first indicator mark tighten the set-screw. then Check the unit.

If you really want to remove the front panel, and have removed all the screws holding it to the OTHER surfaces. Then just place a large flat blade screw-driver at the top of the front panel and the side bracket pry off the front by working at the three shelf levels, should pop right off.
Jim
WB2FCN

----- Original Message -----
From: "Jeff James" <w2nbc@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Saturday, September 27, 2008 2:22 PM
Subject: [T-368_BC-610] BC-610 F front panel removal

> High Folks,
>
> Have an F model and need to replace R12 50 watt wirewound (mod bias
> pot) behind the front panel.. Removed all screws, final cap flexible
> coupling, and tuning unit band change knob.. The panel still seems
> attached firmly.. So the question here obviously is that I may be
> missing something OR that 60 years of a snug fit along the edges might
> need some "help"..
>
> thoughts?
>
> Thanks for a great group!
>
> Jeff W2NBC
>
> http://www.dealamerica.com//610/bc-610.htm
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> Yahoo! Groups Links
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# 3414. Re: [T-368_BC-610] BC-610 F front panel removal

Yahoo group: T-368_BC-610
Date: 2008-09-28 00:26:19 UTC
From: Joe Foley
Topic: 3412  Message: 3414

My first question would be, "Why do you not loosen the four big Allen-head bolts and pull out the Modulator deck with the two handles?"

That would gain access to the offending pot.  I should advise caution to not pull the deck out too far, more than four inches, until you unplug the two cables on the left front.

But I do have a tendency to overstate the obvious, usually in an attempt at humor.

Joe

--- On Sat, 9/27/08, Jeff James <w2nbc@...> wrote:
From: Jeff James <w2nbc@...>
Subject: [T-368_BC-610] BC-610 F front panel removal
To: T-368_BC-610@yahoogroups.com
Date: Saturday, September 27, 2008, 2:22 PM

High Folks,

Have an F model and need to replace R12 50 watt wirewound (mod bias

pot) behind the front panel.. Removed all screws, final cap flexible

coupling, and tuning unit band change knob.. The panel still seems

attached firmly.. So the question here obviously is that I may be

missing something OR that 60 years of a snug fit along the edges might

need some "help"..

thoughts?

Thanks for a great group!

Jeff W2NBC

http://www.dealamer ica.com// 610/bc-610. htm

[Non-text portions of this message have been removed]

# 3415. Re: [T-368_BC-610] BC-610 F front panel removal

Yahoo group: T-368_BC-610
Date: 2008-09-28 00:44:39 UTC
From: Larry Godek
Topic: 3412  Message: 3415

Aha, you are still alive and kicking!

Larry
W0OGH

--- On Sat, 9/27/08, James M. Walker <chejmw@...> wrote:
From: James M. Walker <chejmw@...>
Subject: Re: [T-368_BC-610] BC-610 F front panel removal
To: T-368_BC-610@yahoogroups.com, w2nbc@...
Date: Saturday, September 27, 2008, 1:24 PM

Ah,

First off shouldn't be necessary to remove the front panel to drop the

pot. R12 removal, first remove the knob, then the nut holding the

variable resistor to the panel, push the shaft towards the rear of

the transmitter, mark the leads to the resistor as to NOT mix

their positions up. Unsolder the leads, drop in the replacement,

(you do have a replacement? ) resolder leads, poke it back thru

the front panel mounting hole. replace the washer, and the nut for

the shaft, then the knob. Turn the shaft to the extreme counter

clock-wise position. Set the pointer on the knob to the first indicator

mark tighten the set-screw. then Check the unit.

If you really want to remove the front panel, and have removed all

the screws holding it to the OTHER surfaces. Then just place a large flat

blade screw-driver at the top of the front panel and the side bracket

pry off the front by working at the three shelf levels, should pop

right off.

Jim

WB2FCN

----- Original Message -----

From: "Jeff James" <w2nbc@optonline. net>

To: <T-368_BC-610@ yahoogroups. com>

Sent: Saturday, September 27, 2008 2:22 PM

Subject: [T-368_BC-610] BC-610 F front panel removal

> High Folks,

>

> Have an F model and need to replace R12 50 watt wirewound (mod bias

> pot) behind the front panel.. Removed all screws, final cap flexible

> coupling, and tuning unit band change knob.. The panel still seems

> attached firmly.. So the question here obviously is that I may be

> missing something OR that 60 years of a snug fit along the edges might

> need some "help"..

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> thoughts?

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> Thanks for a great group!

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> Jeff W2NBC

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> http://www.dealamer ica.com// 610/bc-610. htm

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> Yahoo! Groups Links

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# 3416. Re: [T-368_BC-610] BC-610 F front panel removal

Yahoo group: T-368_BC-610
Date: 2008-09-28 00:33:48 UTC
From: r391
Topic: 3412  Message: 3416

Hey Joe...

Maybe he's talking about a BC-610F model?

Ott

At 08:26 PM 9/27/2008, you wrote:
>My first question would be, "Why do you not loosen the four big
>Allen-head bolts and pull out the Modulator deck with the two handles?"
>
>That would gain access to the offending pot. I should advise
>caution to not pull the deck out too far, more than four inches,
>until you unplug the two cables on the left front.
>
> But I do have a tendency to overstate the obvious, usually in an
> attempt at humor.
>
>Joe
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>--- On Sat, 9/27/08, Jeff James <w2nbc@...> wrote:
>From: Jeff James <w2nbc@...>
>Subject: [T-368_BC-610] BC-610 F front panel removal
>To: T-368_BC-610@yahoogroups.com
>Date: Saturday, September 27, 2008, 2:22 PM
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> High Folks,
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>Have an F model and need to replace R12 50 watt wirewound (mod bias
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>pot) behind the front panel.. Removed all screws, final cap flexible

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>coupling, and tuning unit band change knob.. The panel still seems
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>attached firmly.. So the question here obviously is that I may be
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>missing something OR that 60 years of a snug fit along the edges might
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>need some "help"..
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>thoughts?
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>Thanks for a great group!
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# 3417. Re: [T-368_BC-610] BC-610 F front panel removal

Yahoo group: T-368_BC-610
Date: 2008-09-28 01:25:28 UTC
From: Joe Foley
Topic: 3412  Message: 3417

Wholly chit!

You still around?

You are right, of course, but you just never know.

Good hearin' from you, how you been?

Joe

--- On Sat, 9/27/08, r391 <r391@...> wrote:
From: r391 <r391@...>
Subject: Re: [T-368_BC-610] BC-610 F front panel removal
To: T-368_BC-610@yahoogroups.com
Date: Saturday, September 27, 2008, 8:33 PM

Hey Joe...

Maybe he's talking about a BC-610F model?

Ott

At 08:26 PM 9/27/2008, you wrote:

>My first question would be, "Why do you not loosen the four big

>Allen-head bolts and pull out the Modulator deck with the two handles?"

>

>That would gain access to the offending pot. I should advise

>caution to not pull the deck out too far, more than four inches,

>until you unplug the two cables on the left front.

>

> But I do have a tendency to overstate the obvious, usually in an

> attempt at humor.

>

>Joe

>

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>--- On Sat, 9/27/08, Jeff James <w2nbc@optonline. net> wrote:

>From: Jeff James <w2nbc@optonline. net>

>Subject: [T-368_BC-610] BC-610 F front panel removal

>To: T-368_BC-610@ yahoogroups. com

>Date: Saturday, September 27, 2008, 2:22 PM

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> High Folks,

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>Have an F model and need to replace R12 50 watt wirewound (mod bias

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>pot) behind the front panel.. Removed all screws, final cap flexible

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>coupling, and tuning unit band change knob.. The panel still seems

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>missing something OR that 60 years of a snug fit along the edges might

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>thoughts?

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>Thanks for a great group!

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>Jeff W2NBC

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# 3418. Re: [T-368_BC-610] BC-610 F front panel removal

Yahoo group: T-368_BC-610
Date: 2008-09-28 01:48:20 UTC
From: r391
Topic: 3412  Message: 3418

Yeah Joe, me and the T-3 are still around...

Both looking long in the tooth these days though... how bout you?

Ott

At 09:25 PM 9/27/2008, you wrote:
>Wholly chit!
>
>You still around?
>
>You are right, of course, but you just never know.
>
>Good hearin' from you, how you been?
>
>Joe
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>
>--- On Sat, 9/27/08, r391 <r391@...> wrote:
>From: r391 <r391@...>
>Subject: Re: [T-368_BC-610] BC-610 F front panel removal
>To: T-368_BC-610@yahoogroups.com
>Date: Saturday, September 27, 2008, 8:33 PM
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> Hey Joe...
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>Maybe he's talking about a BC-610F model?
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>At 08:26 PM 9/27/2008, you wrote:
>
> >My first question would be, "Why do you not loosen the four big
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> >Allen-head bolts and pull out the Modulator deck with the two handles?"
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> >That would gain access to the offending pot. I should advise
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> >until you unplug the two cables on the left front.
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> > But I do have a tendency to overstate the obvious, usually in an
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> >--- On Sat, 9/27/08, Jeff James <w2nbc@optonline. net> wrote:
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> >From: Jeff James <w2nbc@optonline. net>
>
> >Subject: [T-368_BC-610] BC-610 F front panel removal
>
> >To: T-368_BC-610@ yahoogroups. com
>
> >Date: Saturday, September 27, 2008, 2:22 PM
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> >pot) behind the front panel.. Removed all screws, final cap flexible
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> >attached firmly.. So the question here obviously is that I may be
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> >missing something OR that 60 years of a snug fit along the edges might
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> >Thanks for a great group!
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> >Jeff W2NBC
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# 3419. Re: [T-368_BC-610] BC-610 F front panel removal

Yahoo group: T-368_BC-610
Date: 2008-09-28 21:24:28 UTC
From: James M. Walker
Topic: 3419  Message: 3419

Snort, sputter, huh, what?

----- Original Message -----
From: "Larry Godek" <tel1grapher@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Saturday, September 27, 2008 8:44 PM
Subject: Re: [T-368_BC-610] BC-610 F front panel removal

> Aha, you are still alive and kicking!
>
> Larry
> W0OGH
>
>
> --- On Sat, 9/27/08, James M. Walker <chejmw@...> wrote:
> From: James M. Walker <chejmw@...>
> Subject: Re: [T-368_BC-610] BC-610 F front panel removal
> To: T-368_BC-610@yahoogroups.com, w2nbc@...
> Date: Saturday, September 27, 2008, 1:24 PM
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> Ah,
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> First off shouldn't be necessary to remove the front panel to drop the
>
> pot. R12 removal, first remove the knob, then the nut holding the
>
> variable resistor to the panel, push the shaft towards the rear of
>
> the transmitter, mark the leads to the resistor as to NOT mix
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> their positions up. Unsolder the leads, drop in the replacement,
>
> (you do have a replacement? ) resolder leads, poke it back thru
>
> the front panel mounting hole. replace the washer, and the nut for

>
> the shaft, then the knob. Turn the shaft to the extreme counter
>
> clock-wise position. Set the pointer on the knob to the first indicator
>
> mark tighten the set-screw. then Check the unit.
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>
> If you really want to remove the front panel, and have removed all
>
> the screws holding it to the OTHER surfaces. Then just place a large flat
>
> blade screw-driver at the top of the front panel and the side bracket
>
> pry off the front by working at the three shelf levels, should pop
>
> right off.
>
> Jim
>
> WB2FCN
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>
> ----- Original Message -----
>
> From: "Jeff James" <w2nbc@optonline. net>
>
> To: <T-368_BC-610@ yahoogroups. com>
>
> Sent: Saturday, September 27, 2008 2:22 PM
>
> Subject: [T-368_BC-610] BC-610 F front panel removal
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>
>> High Folks,
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>
>> Have an F model and need to replace R12 50 watt wirewound (mod bias
>
>> pot) behind the front panel.. Removed all screws, final cap flexible
>
>> coupling, and tuning unit band change knob.. The panel still seems
>
>> attached firmly.. So the question here obviously is that I may be
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>> missing something OR that 60 years of a snug fit along the edges might

>
>> need some "help"..
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>> thoughts?
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>> Thanks for a great group!
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>> Jeff W2NBC
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>> http://www.dealamer ica.com// 610/bc-610. htm
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# 3420. Re: [T-368_BC-610] BC-610 F front panel removal

Yahoo group: T-368_BC-610
Date: 2008-09-28 21:57:47 UTC
From: Larry Godek
Topic: 3419  Message: 3420

I thought so.  Last breath but still kicking.  good PM to you James.  What's the latest out of NY?

Larry
W0OGH

--- On Sun, 9/28/08, James M. Walker <chejmw@...> wrote:
From: James M. Walker <chejmw@...u>
Subject: Re: [T-368_BC-610] BC-610 F front panel removal
To: T-368_BC-610@yahoogroups.com
Date: Sunday, September 28, 2008, 2:24 PM

Snort, sputter, huh, what?

----- Original Message -----

From: "Larry Godek" <tel1grapher@ yahoo.com>

To: <T-368_BC-610@ yahoogroups. com>

Sent: Saturday, September 27, 2008 8:44 PM

Subject: Re: [T-368_BC-610] BC-610 F front panel removal

> Aha, you are still alive and kicking!

>

> Larry

> W0OGH

>

>

> --- On Sat, 9/27/08, James M. Walker <chejmw@buffalo. edu> wrote:

> From: James M. Walker <chejmw@buffalo. edu>

> Subject: Re: [T-368_BC-610] BC-610 F front panel removal

> To: T-368_BC-610@ yahoogroups. com, w2nbc@optonline. net

> Date: Saturday, September 27, 2008, 1:24 PM

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> Ah,

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> First off shouldn't be necessary to remove the front panel to drop the

>

> pot. R12 removal, first remove the knob, then the nut holding the

>

> variable resistor to the panel, push the shaft towards the rear of

>

> the transmitter, mark the leads to the resistor as to NOT mix

>

> their positions up. Unsolder the leads, drop in the replacement,

>

> (you do have a replacement? ) resolder leads, poke it back thru

>

> the front panel mounting hole. replace the washer, and the nut for

>

> the shaft, then the knob. Turn the shaft to the extreme counter

>

> clock-wise position. Set the pointer on the knob to the first indicator

>

> mark tighten the set-screw. then Check the unit.

>

>

>

> If you really want to remove the front panel, and have removed all

>

> the screws holding it to the OTHER surfaces. Then just place a large flat

>

> blade screw-driver at the top of the front panel and the side bracket

>

> pry off the front by working at the three shelf levels, should pop

>

> right off.

>

> Jim

>

> WB2FCN

>

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>

> ----- Original Message -----

>

> From: "Jeff James" <w2nbc@optonline. net>

>

> To: <T-368_BC-610@ yahoogroups. com>

>

> Sent: Saturday, September 27, 2008 2:22 PM

>

> Subject: [T-368_BC-610] BC-610 F front panel removal

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>> High Folks,

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>

>> Have an F model and need to replace R12 50 watt wirewound (mod bias

>

>> pot) behind the front panel.. Removed all screws, final cap flexible

>

>> coupling, and tuning unit band change knob.. The panel still seems

>

>> attached firmly.. So the question here obviously is that I may be

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>> missing something OR that 60 years of a snug fit along the edges might

>

>> need some "help"..

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>> thoughts?

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>> Thanks for a great group!

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>> Jeff W2NBC

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>> http://www.dealamer ica.com// 610/bc-610. htm

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# 3421. Re: [T-368_BC-610] BC-610 F front panel removal

Yahoo group: T-368_BC-610
Date: 2008-09-28 21:59:08 UTC
From: Larry Godek
Topic: 3419  Message: 3421

Apologies to the list.  I forget that replies go there instead of the person who the reply was intended for.  My error.

Larry
W0OGH

--- On Sun, 9/28/08, James M. Walker <chejmw@...> wrote:
From: James M. Walker <chejmw@...>
Subject: Re: [T-368_BC-610] BC-610 F front panel removal
To: T-368_BC-610@yahoogroups.com
Date: Sunday, September 28, 2008, 2:24 PM

Snort, sputter, huh, what?

----- Original Message -----

From: "Larry Godek" <tel1grapher@ yahoo.com>

To: <T-368_BC-610@ yahoogroups. com>

Sent: Saturday, September 27, 2008 8:44 PM

Subject: Re: [T-368_BC-610] BC-610 F front panel removal

> Aha, you are still alive and kicking!

>

> Larry

> W0OGH

>

>

> --- On Sat, 9/27/08, James M. Walker <chejmw@buffalo. edu> wrote:

> From: James M. Walker <chejmw@buffalo. edu>

> Subject: Re: [T-368_BC-610] BC-610 F front panel removal

> To: T-368_BC-610@ yahoogroups. com, w2nbc@optonline. net

> Date: Saturday, September 27, 2008, 1:24 PM

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> Ah,

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> First off shouldn't be necessary to remove the front panel to drop the

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> pot. R12 removal, first remove the knob, then the nut holding the

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> variable resistor to the panel, push the shaft towards the rear of

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> (you do have a replacement? ) resolder leads, poke it back thru

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> the front panel mounting hole. replace the washer, and the nut for

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> the shaft, then the knob. Turn the shaft to the extreme counter

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> clock-wise position. Set the pointer on the knob to the first indicator

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> mark tighten the set-screw. then Check the unit.

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> If you really want to remove the front panel, and have removed all

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> the screws holding it to the OTHER surfaces. Then just place a large flat

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> blade screw-driver at the top of the front panel and the side bracket

>

> pry off the front by working at the three shelf levels, should pop

>

> right off.

>

> Jim

>

> WB2FCN

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> ----- Original Message -----

>

> From: "Jeff James" <w2nbc@optonline. net>

>

> To: <T-368_BC-610@ yahoogroups. com>

>

> Sent: Saturday, September 27, 2008 2:22 PM

>

> Subject: [T-368_BC-610] BC-610 F front panel removal

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>> High Folks,

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>> Have an F model and need to replace R12 50 watt wirewound (mod bias

>

>> pot) behind the front panel.. Removed all screws, final cap flexible

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>> coupling, and tuning unit band change knob.. The panel still seems

>

>> attached firmly.. So the question here obviously is that I may be

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>> missing something OR that 60 years of a snug fit along the edges might

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>> need some "help"..

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>> thoughts?

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>> Thanks for a great group!

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>> Jeff W2NBC

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>> http://www.dealamer ica.com// 610/bc-610. htm

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# 3422. Re: WTB T-368 Oscillator/Multiplier chassis

Yahoo group: T-368_BC-610
Date: 2008-10-02 14:40:44 UTC
From: tropicwind@aol.com
Topic: 3422  Message: 3422

Hi Group,

Does anyone have a T-368 Oscillator multiplier assy which is complete and would be willing to sell?

Regards,
Jay W7PJS _pjpilot@..._ (mailto:pjpilot@...)

**********Looking for simple solutions to your real-life financial challenges? Check out WalletPop for the latest news and information, tips and calculators. (http://www.walletpop.com/?NCID=emlcntuswall00000001)

[Non-text portions of this message have been removed]

# 3423. RE: [T-368_BC-610] Re: WTB T-368 Oscillator/Multiplier chassis

Yahoo group: T-368_BC-610
Date: 2008-10-02 16:00:48 UTC
From: Trevor
Topic: 3422  Message: 3423

I have an extra one of those that's all there and clean except there's no 6000 tube.

the willingness to sell is the hard part though.

I _know_ I will kick myself someday if I part with it- cause at that point, when I get to the project I am saving it for (which'll be who knows when) they'll be even more scarce and expensive than they already are now

on the other hand, like most of us, I can use extra funds these days, so if someone who was in a cost is no object situation offered me a sufficiently hugely ridiculous amount for it, nearly anything is for sale at the right price (but never my never-issued R-390A)

73
Trevor
kd1yt

------- Original Message -------
From : tropicwind@...[mailto:tropicwind@...]
Sent : 10/2/2008 10:40:44 AM
To : T-368_BC-610@yahoogroups.com
Cc :
Subject : RE: [T-368_BC-610] Re: WTB T-368 Oscillator/Multiplier chassis

Hi Group,

Does anyone have a T-368 Oscillator multiplier assy which is complete and

would be willing to sell?

Regards,

Jay W7PJS _pjpilot@..._ (mailto:pjpilot@...)

**********Looking for simple solutions to your real-life financial

challenges? Check out WalletPop for the latest news and information, tips and

calculators. (http://www.walletpop.com/?NCID=emlcntuswall00000001)

[Non-text portions of this message have been removed]

# 3424. RE: [T-368_BC-610] Re: WTB T-368 Oscillator/Multiplier chassis

Yahoo group: T-368_BC-610
Date: 2008-10-02 20:18:47 UTC
From: george portell
Topic: 3422  Message: 3424

hi trevor im with you on the R390a`s bro geo w8qbg.

--- On Thu, 10/2/08, Trevor <kd1yt@...> wrote:

From: Trevor <kd1yt@...>
Subject: RE: [T-368_BC-610] Re: WTB T-368 Oscillator/Multiplier chassis
To: T-368_BC-610@yahoogroups.com
Date: Thursday, October 2, 2008, 10:00 AM

I have an extra one of those that's all there and clean except there's no 6000 tube.

the willingness to sell is the hard part though.

I _know_ I will kick myself someday if I part with it- cause at that point, when I get to the project I am saving it for (which'll be who knows when) they'll be even more scarce and expensive than they already are now

on the other hand, like most of us, I can use extra funds these days, so if someone who was in a cost is no object situation offered me a sufficiently hugely ridiculous amount for it, nearly anything is for sale at the right price (but never my never-issued R-390A)

73
Trevor
kd1yt

------- Original Message -------
From : tropicwind@aol. com[mailto:tropicwind@aol. com]
Sent : 10/2/2008 10:40:44 AM
To : T-368_BC-610@ yahoogroups. com
Cc :
Subject : RE: [T-368_BC-610] Re: WTB T-368 Oscillator/Multipli er chassis

Hi Group,

Does anyone have a T-368 Oscillator multiplier assy which is complete and

would be willing to sell?

Regards,

Jay W7PJS _pjpilot@aol. com_ (mailto:pjpilot@aol. com)

********** **Looking for simple solutions to your real-life financial

challenges? Check out WalletPop for the latest news and information, tips and

calculators. (http://www.walletpo p.com/?NCID= emlcntuswall0000 0001)

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[Non-text portions of this message have been removed]

# 3425. Did you buy my T-368C in Feb 2005?

Yahoo group: T-368_BC-610
Date: 2008-10-07 17:08:35 UTC
From: w5kp
Topic: 3425  Message: 3425

I know, this is an odd post, but I don't have any record of the buyer's name/call, the memory isn't what it used to be, and I have gone through a couple of hard drives and another computer since then, so my email records are long gone.

This transmitter was sold in early February 2005 to a fine gentleman ham from Louisiana. I delivered it to him by meeting him "halfway" in Shreveport, LA, where the two of us (during a major rainstorm) pulled under a car wash canopy and successfully transferred the 700 lb beast to his trailer from my truck without incident or injury.

At the time, the transmitter buyer also expressed interest in my 80' Rohn 45G tower, but I wasn't ready to take it down yet. The tower, with 23' chrome moly mast and all hardware and Phillystran guys, is now on the ground and ready for sale. If the T-368C buyer reads this and is still interested, or if you know him, please contact me off list at my call sign @.... I'm posting this because I promised him first crack when I finally was ready to sell it, and I'm trying to honor that promise.

FWIW, if I don't hear from him in the next few days I'll advertise the tower on TowerTalk and on this reflector, so any others who might be interested please stand by.

73 and many thanks for the bandwidth.
Jerry W5KP Mustang, Oklahoma

# 3426. HT-4 question from another ham - not on list yet

Yahoo group: T-368_BC-610
Date: 2008-10-10 18:38:20 UTC
From: rbethman
Topic: 3426  Message: 3426

Here is a quick cut and paste - you can respond to him direct at:
<barrie@...>

I see that you are a member of the T-386/BC-610 group. I belonged to
that group several years ago and have recently applied for membership.
However, I've never received approval(?).

I have a Hallicrafters HT-4B, which has not been on the air for several
years, but I'm going to get it on again soon.

I remember the last time I had it on I had a problem with the
push-to-talk circuit. I don't know if it's the switch in the
microphone, or something further down the line.

I posed a query to the boatanchors group regarding the mic connector
that fits the BC-614. I'd like to try another mic to see if the problem
persists, rather than take the connector off the original D-104.

I'm thinking that the folks on the BC-610 list might know where I can
get a connector, but since my membership is in limbo I can't post.

73, Barrie, W7ALW

--
Bob - N?DGN

# 3427. New member sign ups

Yahoo group: T-368_BC-610
Date: 2008-10-13 01:33:24 UTC
From: redmenaced
Topic: 3427  Message: 3427

Ok, so I've been dogging it for the last week.

I ok'd two members tonight, that should bring the list up to date.

Be advised that if your e-mail address bounces too many times I will
have no choice but to dump your subscription.

The number of bouncing e-mails depends on the type and version of spam
ware everyone uses, your ISP, your e-mail program, your firewall, etc.
Every time a new version comes out I get a bunch of bounced messages!
Some are easy to deal with, some are a pain in the butt.

# 3428. Connector "TO JB70"

Yahoo group: T-368_BC-610
Date: 2008-10-16 17:12:50 UTC
From: n8zfm
Topic: 3428  Message: 3428

Can anyone tell me what the heck the number is of the mating connector is for the octal jack on the BC-614 that's labeled "TO JB-70"? I have the cable and connectors to attach the 614 to the 610 and they are the same but I need another one for the 614, I have searched high and low and while I know its made by Amphenol I don't know the number and have so far been unable to find one.

If anyone has one that they would be will to sell or trade (I have a bunch of spare 610 parts) please contact me and we can work something out.

73 - Dave N8ZFM

# 3429. Re: [T-368_BC-610] Connector "TO JB70"

Yahoo group: T-368_BC-610
Date: 2008-10-16 19:56:41 UTC
From: Larry Godek
Topic: 3428  Message: 3429

Do you have the 610 manuals?  that may be a dumb question since you have the transmitter but then to i've got the manuals and no transmitter.

Larry
W0OGH

--- On Thu, 10/16/08, n8zfm <dave@...> wrote:
From: n8zfm <dave@...>
Subject: [T-368_BC-610] Connector "TO JB70"
To: T-368_BC-610@yahoogroups.com
Date: Thursday, October 16, 2008, 10:12 AM

Can anyone tell me what the heck the number is of the mating connector

is for the octal jack on the BC-614 that's labeled "TO JB-70"? I have

the cable and connectors to attach the 614 to the 610 and they are the

same but I need another one for the 614, I have searched high and low

and while I know its made by Amphenol I don't know the number and have

so far been unable to find one.

If anyone has one that they would be will to sell or trade (I have a

bunch of spare 610 parts) please contact me and we can work something

out.

73 - Dave N8ZFM

[Non-text portions of this message have been removed]

# 3430. RE: [T-368_BC-610] Connector "TO JB70"

Yahoo group: T-368_BC-610
Date: 2008-10-16 22:26:43 UTC
From: Dave Trainor
Topic: 3428  Message: 3430

Yes actually I do have both the 610, 614 and the SCR-399 manual, it only lists the connector as "SO-101 Connector, receptacle; female 8 rd pol cont; straight; 11/16: lg x 1 1/8 dia o/a; Amphenol", Signal Corps part 2Z3064-123" the signal corps part number does not help me with Amphenol, I am sure its no longer made and I spent a Saturday at the Mendelson's surplus floor searching thru military connectors and could find no mate.

73 - Dave N8ZFM

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
On Behalf Of Larry Godek
Sent: Thursday, October 16, 2008 3:57 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] Connector "TO JB70"

Do you have the 610 manuals? that may be a dumb question since you have the transmitter but then to i've got the manuals and no transmitter.

Larry
W0OGH

--- On Thu, 10/16/08, n8zfm <dave@... <mailto:dave%40n8zfm.com> >
wrote:
From: n8zfm <dave@... <mailto:dave%40n8zfm.com> >
Subject: [T-368_BC-610] Connector "TO JB70"
To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>

Date: Thursday, October 16, 2008, 10:12 AM

Can anyone tell me what the heck the number is of the mating connector

is for the octal jack on the BC-614 that's labeled "TO JB-70"? I have

the cable and connectors to attach the 614 to the 610 and they are the

same but I need another one for the 614, I have searched high and low

and while I know its made by Amphenol I don't know the number and have

so far been unable to find one.

If anyone has one that they would be will to sell or trade (I have a

bunch of spare 610 parts) please contact me and we can work something

out.

73 - Dave N8ZFM

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3431. RE: [T-368_BC-610] Connector "TO JB70"

Yahoo group: T-368_BC-610
Date: 2008-10-16 22:47:12 UTC
From: Dave Trainor
Topic: 3428  Message: 3431

Oh hey, I typed SO-101 and that's wrong, 101 is the Microphone connector and I found that one from Allied. The one I need is the plug that fits connector SO-102 the rest of the description I typed in correctly from the manual - sorry for the typo.
Basically an octal tube base would plug right in and I could use one for a temporary connection but it would not have the threaded shell to secure it in place and I think it would look rather tacky.

73 - Dave N8ZFM

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
On Behalf Of Dave Trainor
Sent: Thursday, October 16, 2008 6:27 PM
To: T-368_BC-610@yahoogroups.com
Subject: RE: [T-368_BC-610] Connector "TO JB70"

Yes actually I do have both the 610, 614 and the SCR-399 manual, it only lists the connector as "SO-101 Connector, receptacle; female 8 rd pol cont; straight; 11/16: lg x 1 1/8 dia o/a; Amphenol", Signal Corps part 2Z3064-123" the signal corps part number does not help me with Amphenol, I am sure its no longer made and I spent a Saturday at the Mendelson's surplus floor searching thru military connectors and could find no mate.

73 - Dave N8ZFM

-----Original Message-----
From: T-368_BC-610@yahoogroups.com
<mailto:T-368_BC-610%40yahoogroups.com>
[mailto:T-368_BC-610@yahoogroups.com
<mailto:T-368_BC-610%40yahoogroups.com> ]
On Behalf Of Larry Godek
Sent: Thursday, October 16, 2008 3:57 PM
To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>

Subject: Re: [T-368_BC-610] Connector "TO JB70"

Do you have the 610 manuals? that may be a dumb question since you have the transmitter but then to i've got the manuals and no transmitter.

Larry
W0OGH

--- On Thu, 10/16/08, n8zfm <dave@... <mailto:dave%40n8zfm.com>
<mailto:dave%40n8zfm.com> >
wrote:
From: n8zfm <dave@... <mailto:dave%40n8zfm.com>

<mailto:dave%40n8zfm.com> >
Subject: [T-368_BC-610] Connector "TO JB70"
To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
<mailto:T-368_BC-610%40yahoogroups.com>

Date: Thursday, October 16, 2008, 10:12 AM

Can anyone tell me what the heck the number is of the mating connector

is for the octal jack on the BC-614 that's labeled "TO JB-70"? I have

the cable and connectors to attach the 614 to the 610 and they are the

same but I need another one for the 614, I have searched high and low

and while I know its made by Amphenol I don't know the number and have

so far been unable to find one.

If anyone has one that they would be will to sell or trade (I have a

bunch of spare 610 parts) please contact me and we can work something

out.

73 - Dave N8ZFM

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[Non-text portions of this message have been removed]

# 3432. Re: [T-368_BC-610] Connector "TO JB70"

Yahoo group: T-368_BC-610
Date: 2008-10-17 03:27:39 UTC
From: wa5cab@cs.com
Topic: 3428  Message: 3432

Dave,

The two connectors on CD-764 between BC-610 and BC-614 are Amphenol 79-08F1 and 79-08M. I've forgotten which way the gender goes but the F and M mean Female and Male as you would expect. So if it's a female to go to the JB-70, there's the number. $15.00 each NOS plus shipping. I have about half a dozen of each. Sorry for the price (although it's half what plugs for some sets go for) but my source had right inserts in wrong bodies and I had to buy four to make two.

If you don't find some having the number contact me next week. This has been a week of melt-downs and the rest of it isn't going to be any better.

In a message dated 10/16/2008 5:27:30 PM Central Daylight Time,
dave@... writes:
> Date: Thursday, October 16, 2008, 10:12 AM
>
> Can anyone tell me what the heck the number is of the mating connector
>
> is for the octal jack on the BC-614 that's labeled "TO JB-70"? I have
>
> the cable and connectors to attach the 614 to the 610 and they are the
>
> same but I need another one for the 614, I have searched high and low
>
> and while I know its made by Amphenol I don't know the number and have
>
> so far been unable to find one.
>
> If anyone has one that they would be will to sell or trade (I have a
>
> bunch of spare 610 parts) please contact me and we can work something
>
> out.
>
> 73 - Dave N8ZFM
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

**********
New MapQuest Local shows what's happening at your
destination. Dining, Movies, Events, News & more. Try it out
(http://local.mapquest.com/?ncid=emlcntnew00000002)

[Non-text portions of this message have been removed]

# 3433. T-368E with TN-339 Antenna Tuner MD-239A & other

Yahoo group: T-368_BC-610
Date: 2008-10-22 21:06:36 UTC
From: ziolkowskirobert
Topic: 3433  Message: 3433

T-368E By Bendix with TN-339 Antenna Tuner by Bendix and MD-239A TTY Modulator by TRW, TM manual, B&W Summary Instruction and Calibration book, Mil. Mike, Spare 4-400 3B28's Tubes and a 30 Amp AC line filter. Maybe some other parts that I can find. Have only used the rig for testing 4-400 tubes since I got it 20 years ago. $1990 local pick up in NW corner of Orange County North of Orlando FL. Email Bob at heavenly@...
For pic & Info.

# 3434. 2 KW p.e.p. Linear SSB Class B Amplifier for 80 to 10 Mtrs

Yahoo group: T-368_BC-610
Date: 2008-10-23 19:30:31 UTC
From: ziolkowskirobert
Topic: 3434  Message: 3434

2 KW p.e.p. Linear SSB Class B Amplifier for 80 to 10 Mtrs. in a 1 Cubic Sq. Area for Ham Use. Built from a 1965 ARRL Handbook article it uses a 3-1000Z Grounded Grid Tube that requires 65 watts to drive. Pi output to 50 ohms. Tube not included, has been sold. Was going to modify with a 4-400A which I will include. Meters for 3.5KV HV, 0-1 Amp. Plate Current, 0- 300 mA Grid Current and Relative RF Output. Controls are Band Switching, Tune and Load capacitors. Although I have a 3600 VDC Transformer type HV supply, that I used with the amplifier it is too heavy to ship economically and is not included in the sale. Email me at heavenly@... if you need more Info or pic's

# 3435. HT-4B Problems

Yahoo group: T-368_BC-610
Date: 2008-10-26 20:40:08 UTC
From: Barrie Smith
Topic: 3435  Message: 3435

Hello:

I have not used my HT-4B for several years I've decided to get it back on the air this winter. I attempted to fire it up today, but no luck.

I have AC. I have all the normal driver stage currents. When I apply high voltage I get a dip in plate current, but it dips to about 40 ma.

If I tune off resonence, the plate current climbs to 150 ma and I get a red plate in the 250TH. This indicates to me that I have high voltage, and possibly drive.

Using a receiver in the shack, I get a loud carrier from the driver stages.

The push-to-talk does not work. Usually, in the past, I get a loud relay "clunk" when I hit the push-to-talk. That is now missing.

I checked the switch in the microphone and it's less than one ohm when closed.

The antenna relay does not actuate when I hit the push to talk.

I have idling plate current on the modulator tubes, as indicated by the meter in the transmitter. However, It does not show on the BC-614E meter.

All of this indicates a problem with the cabling between the speech amp, or a relay in the transmitter.

Before I chase my tail all over town, anyone have any ideas?

73, Barrie, W7ALW

# 3436. for sale a few 610`s and a t-3 all working and some extras.

Yahoo group: T-368_BC-610
Date: 2008-10-24 01:23:42 UTC
From: w8qbg
Topic: 3436  Message: 3436

im making some room in studio B and selling a nice t-368c with the military mic currently running on 75m it also comes with a tuning chart for 160,75,40 meter settings.will demo, box has steel casters,3 cond power cord and updated 2 speed cabinet blower and hv contactor.pick up price in mesa az, $2000.00 also two nice bc610 i model`s the boxes come with speech amps and connecting cord, mic`s external vfo`s 3 wire power cord coils and tuning units for 160 75 & 40 meters will demo $1500 ea pick up in mesa az all units have been cleaned updated and run on the air .i also have an bc610 e model also same vg condx with the companion sx28 recv $ 2000.00 sold as a set, also pick up in mesa az, will demo combo .all these rigs have been refurbished and are turn key rig`s you can contact me via my e mail address,thank you bro geo.

# 3437. Re: [T-368_BC-610] HT-4B Problems

Yahoo group: T-368_BC-610
Date: 2008-10-27 12:20:38 UTC
From: w5kgz@yahoo.com
Topic: 3435  Message: 3437

For one ting Barrie check the 3b28 tubes to be sure both are lite. It seems you have more than one problem.  not much help but will think about it again and if I come up with something I'll let you know . Good luck  Perry W5KGZ

---

From: Barrie Smith <barrie@centric.net>
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, October 26, 2008 3:40:08 PM
Subject: [T-368_BC-610] HT-4B Problems

Hello:

I have not used my HT-4B for several years I've decided to get it back on the air this winter. I attempted to fire it up today, but no luck.

I have AC. I have all the normal driver stage currents. When I apply high voltage I get a dip in plate current, but it dips to about 40 ma.

If I tune off resonence, the plate current climbs to 150 ma and I get a red plate in the 250TH. This indicates to me that I have high voltage, and possibly drive.

Using a receiver in the shack, I get a loud carrier from the driver stages.

The push-to-talk does not work. Usually, in the past, I get a loud relay "clunk" when I hit the push-to-talk. That is now missing.

I checked the switch in the microphone and it's less than one ohm when closed.

The antenna relay does not actuate when I hit the push to talk.

I have idling plate current on the modulator tubes, as indicated by the meter in the transmitter. However, It does not show on the BC-614E meter.

All of this indicates a problem with the cabling between the speech amp, or a relay in the transmitter.

Before I chase my tail all over town, anyone have any ideas?

73, Barrie, W7ALW

[Non-text portions of this message have been removed]

# 3438. BX-34 wanted

Yahoo group: T-368_BC-610
Date: 2008-10-31 12:54:08 UTC
From: M0GHQ
Topic: 3438  Message: 3438

Help, I am desperately needing a BX-34 for the BC-610 xtals, does anyone have a really nice one for sale?
73 Max

[Non-text portions of this message have been removed]

# 3439. Re: [T-368_BC-610] BX-34 wanted

Yahoo group: T-368_BC-610
Date: 2008-10-31 20:20:33 UTC
From: f6fed
Topic: 3438  Message: 3439

Hello Max,

I have got a BX-34 with my BC-610 E, but not for sale.

I have for sale only an original grid, with holes for putting the crystals in the BX-34.

Best 73 from Oleron Island, near La Rochelle harbor.

Henri-Paul, F6FED.
.

----- Original Message -----
From: M0GHQ
To: T-368_BC-610@yahoogroups.com
Sent: Friday, October 31, 2008 1:54 PM
Subject: [T-368_BC-610] BX-34 wanted

Help, I am desperately needing a BX-34 for the BC-610 xtals, does anyone have a really nice one for sale?
73 Max

[Non-text portions of this message have been removed]

---

No virus found in this incoming message.
Checked by AVG.
Version: 7.5.549 / Virus Database: 270.8.5/1758 - Release Date: 31/10/2008 08:22

[Non-text portions of this message have been removed]

# 3440. WTB HT-5 Speech Amp

Yahoo group: T-368_BC-610
Date: 2008-11-02 17:28:26 UTC
From: Barrie Smith
Topic: 3440  Message: 3440

Want to buy a Hallicrafters HT-5 speech amp in good to excellent condition, although anything that's more-or-less all there considered.

TNX & 73, Barrie, W7ALW

[Non-text portions of this message have been removed]

# 3441. Re: [T-368_BC-610] WTB HT-5 Speech Amp

Yahoo group: T-368_BC-610
Date: 2008-11-02 17:54:23 UTC
From: rbethman
Topic: 3440  Message: 3441

Barrie,

The chances of finding an actual HT-5 is going to be pretty slim.

The BC-614 speech amps are hard enough to come by, and were produced in
much larger numbers.

Bob - N0DGN

Barrie Smith wrote:
>
> Want to buy a Hallicrafters HT-5 speech amp in good to excellent
> condition, although anything that's more-or-less all there considered.
>
> TNX & 73, Barrie, W7ALW
>
> [Non-text portions of this message have been removed]
>
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

# 3442. Re: [T-368_BC-610] WTB HT-5 Speech Amp

Yahoo group: T-368_BC-610
Date: 2008-11-02 18:16:00 UTC
From: Barrie Smith
Topic: 3440  Message: 3442

----- Original Message -----
From: rbethman
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, November 02, 2008 10:54 AM
Subject: Re: [T-368_BC-610] WTB HT-5 Speech Amp

Barrie,

The chances of finding an actual HT-5 is going to be pretty slim.

The BC-614 speech amps are hard enough to come by, and were produced in
much larger numbers.

Bob - N0DGN

Bob:

Yes, I know it's a long-shot, but, nothing ventured, nothing gained.

When I tried to fire the HT-4B up again a couple of weeks ago I had problems. Now, I do have a good solid 400 watts out, and the antenna change-over relay is working. But, still no modulation.

I remember that I was having a bit of a problem with the push-to-talk when I last used the transmitter (with the BC-614E). So, I guess I'll just have to keep trouble-shooting and see what happens.

I do have a schematic for the HT-5. There were no provisions for push-to-talk in that unit. And, from what I can glean, The HT-4B didn't have PTP, either

Well, with the BC-614, I did have push-to-talk. So, the Ht-4B must have been modified somewhere along the line for the push-to-talk in the BC-614.

That's what worries me. I don't know what, or where, that modification was or is. Although, it would almost have to be the same pin-out on both the speech amp and the transmitter (?).

Any words of wisdom appreciated!

73, Barrie, W7ALW

Barrie Smith wrote:
>
> Want to buy a Hallicrafters HT-5 speech amp in good to excellent
> condition, although anything that's more-or-less all there considered.
>
> TNX & 73, Barrie, W7ALW
>
> [Non-text portions of this message have been removed]

>
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3443. Re: [T-368_BC-610] WTB HT-5 Speech Amp

Yahoo group: T-368_BC-610
Date: 2008-11-02 18:35:56 UTC
From: rbethman
Topic: 3440  Message: 3443

Barrie,

The PTT for the BC-610 with BC-614 was actually done through the use of the JB-70.

There is a modification using a power supply, rectifier, and relay external to the BC-614 that allows PTT without the JB-70.

The JB-70 was central to connections and control for the generator and the PTT functions.

JB-70s are VERY scarce!

Hence the mod for PTT applied externally to the connector on the right side of the BC-614.

I can send you the schematic for the mod.

Bob - N0DGN

Barrie Smith wrote:
>
>
> ----- Original Message -----
> From: rbethman
> To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> Sent: Sunday, November 02, 2008 10:54 AM
> Subject: Re: [T-368_BC-610] WTB HT-5 Speech Amp
>
> Barrie,
>
> The chances of finding an actual HT-5 is going to be pretty slim.
>
> The BC-614 speech amps are hard enough to come by, and were produced in
> much larger numbers.
>
> Bob - N0DGN
>
> Bob:
>
> Yes, I know it's a long-shot, but, nothing ventured, nothing gained.
>
> When I tried to fire the HT-4B up again a couple of weeks ago I had
> problems. Now, I do have a good solid 400 watts out, and the antenna
> change-over relay is working. But, still no modulation.
>
> I remember that I was having a bit of a problem with the push-to-talk

> when I last used the transmitter (with the BC-614E). So, I guess I'll
> just have to keep trouble-shooting and see what happens.
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> I do have a schematic for the HT-5. There were no provisions for
> push-to-talk in that unit. And, from what I can glean, The HT-4B
> didn't have PTP, either
>
> Well, with the BC-614, I did have push-to-talk. So, the Ht-4B must
> have been modified somewhere along the line for the push-to-talk in
> the BC-614.
>
> That's what worries me. I don't know what, or where, that modification
> was or is. Although, it would almost have to be the same pin-out on
> both the speech amp and the transmitter (?).
>
> Any words of wisdom appreciated!
>
> 73, Barrie, W7ALW
>
> Barrie Smith wrote:
> >
> > Want to buy a Hallicrafters HT-5 speech amp in good to excellent
> > condition, although anything that's more-or-less all there considered.
> >
> > TNX & 73, Barrie, W7ALW
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> --
> Bob - NØDGN
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

# 3444. Re: [T-368_BC-610] WTB HT-5 Speech Amp

Yahoo group: T-368_BC-610
Date: 2008-11-02 18:45:23 UTC
From: wa5cab@cs.com
Topic: 3440  Message: 3444

I'm not an expert by any means on the HT-4 and -5. I know there were -G
models of both, roughly the same as the BC-610 and BC-614-G. My understanding has
always been that the BC-610-A and BC-614-A were modified HT-4 and HT-5. So
it could be instructive to compare the latter four schematics and see whether
your HT-4 has any of the BC-610-A changes in it.

In a message dated 11/2/2008 12:16:13 PM Central Standard Time,
barrie@... writes:
> From: rbethman
> To: T-368_BC-610@yahoogroups.com
> Sent: Sunday, November 02, 2008 10:54 AM
> Subject: Re: [T-368_BC-610] WTB HT-5 Speech Amp
>
>
> Barrie,
>
> The chances of finding an actual HT-5 is going to be pretty slim.
>
> The BC-614 speech amps are hard enough to come by, and were produced in
> much larger numbers.
>
> Bob - N0DGN
>
> Bob:
>
> Yes, I know it's a long-shot, but, nothing ventured, nothing gained.
>
> When I tried to fire the HT-4B up again a couple of weeks ago I had
> problems. Now, I do have a good solid 400 watts out, and the antenna change-over
> relay is working. But, still no modulation.
>
> I remember that I was having a bit of a problem with the push-to-talk when
> I last used the transmitter (with the BC-614E). So, I guess I'll just have
> to keep trouble-shooting and see what happens.
>
> I do have a schematic for the HT-5. There were no provisions for
> push-to-talk in that unit. And, from what I can glean, The HT-4B didn't have PTP,
> either
>
> Well, with the BC-614, I did have push-to-talk. So, the Ht-4B must have
> been modified somewhere along the line for the push-to-talk in the BC-614.
>
> That's what worries me. I don't know what, or where, that modification
> was or is. Although, it would almost have to be the same pin-out on both the
> speech amp and the transmitter (?).

>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3445. Re: [T-368_BC-610] WTB HT-5 Speech Amp

Yahoo group: T-368_BC-610
Date: 2008-11-02 18:52:07 UTC
From: wa5cab@cs.com
Topic: 3440  Message: 3445

Bob and Barrie,

The JB-70 didn't come out until the advent of the SCR-399-A and SCR-499-A, with BC-610-E and BC-614-E. The -D models were different from the -E and later and the -A, -B and -C were different from the -D.

In a message dated 11/2/2008 12:35:39 PM Central Standard Time, rbethman@... writes:

> Barrie,
>
> The PTT for the BC-610 with BC-614 was actually done through the use of
> the JB-70.
>
> There is a modification using a power supply, rectifier, and relay
> external to the BC-614 that allows PTT without the JB-70.
>
> The JB-70 was central to connections and control for the generator and
> the PTT functions.
>
> JB-70s are VERY scarce!
>
> Hence the mod for PTT applied externally to the connector on the right
> side of the BC-614.
>
> I can send you the schematic for the mod.
>
> Bob - N0DGN
>
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3446. Re: [T-368_BC-610] WTB HT-5 Speech Amp

Yahoo group: T-368_BC-610
Date: 2008-11-02 18:56:52 UTC
From: bob mccully
Topic: 3440  Message: 3446

Bob, Could you email me a copy of that mod too?  It might make things a bit easier.
Thanks,  Bob  AB8OP

[Non-text portions of this message have been removed]

# 3447. Re: [T-368_BC-610] WTB HT-5 Speech Amp

Yahoo group: T-368_BC-610
Date: 2008-11-02 18:59:15 UTC
From: Barrie Smith
Topic: 3440  Message: 3447

Bob:

I was sitting here going over the schematic for the BC-614 (as best I can with my vision) and it appears that the PTT can't work without a jumper on JB-70.

The PTT from the mic goes to pin 4 of JB-70, and nowhere else.

I "think" that the PTT to the transmitter goes to pin 4 on the "to BC-610" socket.

If one were to jumper pins 4 and 6 on JB-70, then there would be a line of continuity for the plate relay (?).

I may, in the past, have had that jumper in place and lost it.

I know that for years I had PTT with this very same BC-614, without modifications.
----- Original Message -----
----- Original Message -----
From: wa5cab@...
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, November 02, 2008 11:52 AM
Subject: Re: [T-368_BC-610] WTB HT-5 Speech Amp

Bob and Barrie,

The JB-70 didn't come out until the advent of the SCR-399-A and SCR-499-A,
with BC-610-E and BC-614-E. The -D models were different from the -E and later
and the -A, -B and -C were different from the -D.

In a message dated 11/2/2008 12:35:39 PM Central Standard Time,
rbethman@... writes:
> Barrie,
>
> The PTT for the BC-610 with BC-614 was actually done through the use of
> the JB-70.
>
> There is a modification using a power supply, rectifier, and relay
> external to the BC-614 that allows PTT without the JB-70.
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> The JB-70 was central to connections and control for the generator and
> the PTT functions.
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> Hence the mod for PTT applied externally to the connector on the right
> side of the BC-614.
>
> I can send you the schematic for the mod.

>
> Bob - N0DGN
>
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3448. Re: [T-368_BC-610] WTB HT-5 Speech Amp

Yahoo group: T-368_BC-610
Date: 2008-11-02 19:02:00 UTC
From: John King
Topic: 3440  Message: 3448

Bob, i have the BC 610 E, BC 614E , and JB 70. I am using the BC 610 E and BC 614E at this time but do not have push to talk. I would like to use push to talk but don't know how to achieve that with the JB 70. My gear came as a set with many connecting cables. i didn't use the JB 70 because most functions seemed to relate to generator control and control of the BC 342 N receiver WHICH I ALSO HAVE. i

--- On Sun, 11/2/08, rbethman <rbethman@comcast.net> wrote:

From: rbethman <rbethman@...>
Subject: Re: [T-368_BC-610] WTB HT-5 Speech Amp
To: T-368_BC-610@yahoogroups.com
Date: Sunday, November 2, 2008, 9:35 AM

Barrie,

The PTT for the BC-610 with BC-614 was actually done through the use of the JB-70.

There is a modification using a power supply, rectifier, and relay external to the BC-614 that allows PTT without the JB-70.

The JB-70 was central to connections and control for the generator and the PTT functions.

JB-70s are VERY scarce!

Hence the mod for PTT applied externally to the connector on the right side of the BC-614.

I can send you the schematic for the mod.

Bob - N0DGN

Barrie Smith wrote:
>
>
> ----- Original Message -----
> From: rbethman
> To: T-368_BC-610@ yahoogroups. com <mailto:T-368_ BC-610%40yahoogr oups.com>
> Sent: Sunday, November 02, 2008 10:54 AM
> Subject: Re: [T-368_BC-610] WTB HT-5 Speech Amp
>
> Barrie,
>
> The chances of finding an actual HT-5 is going to be pretty slim.
>
> The BC-614 speech amps are hard enough to come by, and were produced in
> much larger numbers.

>
> Bob - N0DGN
>
> Bob:
>
> Yes, I know it's a long-shot, but, nothing ventured, nothing gained.
>
> When I tried to fire the HT-4B up again a couple of weeks ago I had
> problems. Now, I do have a good solid 400 watts out, and the antenna
> change-over relay is working. But, still no modulation.
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> I remember that I was having a bit of a problem with the push-to-talk
> when I last used the transmitter (with the BC-614E). So, I guess I'll
> just have to keep trouble-shooting and see what happens.
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> I do have a schematic for the HT-5. There were no provisions for
> push-to-talk in that unit. And, from what I can glean, The HT-4B
> didn't have PTP, either
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> Well, with the BC-614, I did have push-to-talk. So, the Ht-4B must
> have been modified somewhere along the line for the push-to-talk in
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> That's what worries me. I don't know what, or where, that modification
> was or is. Although, it would almost have to be the same pin-out on
> both the speech amp and the transmitter (?).
>
> Any words of wisdom appreciated!
>
> 73, Barrie, W7ALW
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> Barrie Smith wrote:
> >
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> > condition, although anything that's more-or-less all there considered.
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> > TNX & 73, Barrie, W7ALW
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> --
> Bob - NØDGN
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3449. Re: [T-368_BC-610] WTB HT-5 Speech Amp

Yahoo group: T-368_BC-610
Date: 2008-11-02 19:05:45 UTC
From: John King
Topic: 3440  Message: 3449

Bob, I have the BC 610 E, BC 614E , and JB 70. I am using the BC 610 E and BC 614E at this time but do not have push to talk. I would like to use push to talk but don't know how to achieve that with the JB 70. My gear came as a set with many connecting cables. I didn't use the JB 70 because most functions seemed to relate to generator control and control of the BC 342 N receiver WHICH I ALSO HAVE.  I bought the four pieces of gear as a complete station but I have not fired up the BC 342 N as of yet.

Do you recomment use of the JB70 and BC 342N ??  I would appreciate your suggestions and input. 73, John, K5PGW

--- On Sun, 11/2/08, rbethman <rbethman@comcast.net> wrote:

From: rbethman <rbethman@...>
Subject: Re: [T-368_BC-610] WTB HT-5 Speech Amp
To: T-368_BC-610@yahoogroups.com
Date: Sunday, November 2, 2008, 9:35 AM

Barrie,

The PTT for the BC-610 with BC-614 was actually done through the use of
the JB-70.

There is a modification using a power supply, rectifier, and relay
external to the BC-614 that allows PTT without the JB-70.

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Hence the mod for PTT applied externally to the connector on the right
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I can send you the schematic for the mod.

Bob - N0DGN

Barrie Smith wrote:
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> ----- Original Message -----
> From: rbethman
> To: T-368_BC-610@ yahoogroups. com <mailto:T-368_ BC-610%40yahoogr oups.com>
> Sent: Sunday, November 02, 2008 10:54 AM
> Subject: Re: [T-368_BC-610] WTB HT-5 Speech Amp
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> Barrie,
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> Bob:
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> I do have a schematic for the HT-5. There were no provisions for
> push-to-talk in that unit. And, from what I can glean, The HT-4B
> didn't have PTP, either
>
> Well, with the BC-614, I did have push-to-talk. So, the Ht-4B must
> have been modified somewhere along the line for the push-to-talk in
> the BC-614.
>
> That's what worries me. I don't know what, or where, that modification
> was or is. Although, it would almost have to be the same pin-out on
> both the speech amp and the transmitter (?).
>
> Any words of wisdom appreciated!
>
> 73, Barrie, W7ALW
>
> Barrie Smith wrote:
> >
> > Want to buy a Hallicrafters HT-5 speech amp in good to excellent
> > condition, although anything that's more-or-less all there considered.
> >
> > TNX & 73, Barrie, W7ALW
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> --
> Bob - NØDGN
>
> [Non-text portions of this message have been removed]

>
> [Non-text portions of this message have been removed]
>
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3450. Re: [T-368_BC-610] WTB HT-5 Speech Amp

Yahoo group: T-368_BC-610
Date: 2008-11-02 19:10:57 UTC
From: wa5cab@cs.com
Topic: 3440  Message: 3450

If you set the BC-614 into its cradle on top of the JB-70, you will be nearly there. But the 12 VDC supply to the JB-70 came from the external battery, so you will have to supply it. There was later a modification of the JB-70 used in AN/GRC-38 that had the DC supply built into the Control. But it isn't in the JB-70.

In a message dated 11/2/2008 1:02:22 PM Central Standard Time,
k5pgw@... writes:
> Bob, i have the BC 610 E, BC 614E , and JB 70. I am using the BC 610 E and
> BC 614E at this time but do not have push to talk. I would like to use push
> to talk but don't know how to achieve that with the JB 70. My gear came as a
> set with many connecting cables. i didn't use the JB 70 because most functions
> seemed to relate to generator control and control of the BC 342 N receiver
> WHICH I ALSO HAVE. i
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3451. Re: [T-368_BC-610] WTB HT-5 Speech Amp

Yahoo group: T-368_BC-610
Date: 2008-11-02 19:16:16 UTC
From: rbethman
Topic: 3440  Message: 3451

John,

My understanding of the JB-70 is that it allows "remote" operation of
the BC-610, BC-614, AND the generator.

As has been pointed out by Robert Downs, the JB-70 requires a 12VDC
power source.

I do NOT own a JB-70. Therefore the PTT mod that Lon Cottingham drew up
for PTT. It provides external power AND relay to J1 on the BC-614.

I use this and a Johnson TR Relay for my station.

Bob - N0DGN

John King wrote:
>
> Bob, I have the BC 610 E, BC 614E , and JB 70. I am using the BC 610 E
> and BC 614E at this time but do not have push to talk. I would like to
> use push to talk but don't know how to achieve that with the JB 70. My
> gear came as a set with many connecting cables. I didn't use the JB 70
> because most functions seemed to relate to generator control and
> control of the BC 342 N receiver WHICH I ALSO HAVE. I bought the four
> pieces of gear as a complete station but I have not fired up the BC
> 342 N as of yet.
>
> Do you recomment use of the JB70 and BC 342N ?? I would appreciate
> your suggestions and input. 73, John, K5PGW
>
> --- On Sun, 11/2/08, rbethman <rbethman@comcast.net
> <mailto:rbethman%40comcast.net>> wrote:
>
> From: rbethman <rbethman@... <mailto:rbethman%40comcast.net>>
> Subject: Re: [T-368_BC-610] WTB HT-5 Speech Amp
> To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> Date: Sunday, November 2, 2008, 9:35 AM
>
> Barrie,
>
> The PTT for the BC-610 with BC-614 was actually done through the use of
> the JB-70.
>
> There is a modification using a power supply, rectifier, and relay
> external to the BC-614 that allows PTT without the JB-70.
>
> The JB-70 was central to connections and control for the generator and

> the PTT functions.
>
> JB-70s are VERY scarce!
>
> Hence the mod for PTT applied externally to the connector on the right
> side of the BC-614.
>
> I can send you the schematic for the mod.
>
> Bob - N0DGN
>
> Barrie Smith wrote:
> >
> >
> > ----- Original Message -----
> > From: rbethman
> > To: T-368_BC-610@ yahoogroups. com <mailto:T-368_ BC-610%40yahoogr
> oups.com>
> > Sent: Sunday, November 02, 2008 10:54 AM
> > Subject: Re: [T-368_BC-610] WTB HT-5 Speech Amp
> >
> > Barrie,
> >
> > The chances of finding an actual HT-5 is going to be pretty slim.
> >
> > The BC-614 speech amps are hard enough to come by, and were produced in
> > much larger numbers.
> >
> > Bob - N0DGN
> >
> > Bob:
> >
> > Yes, I know it's a long-shot, but, nothing ventured, nothing gained.
> >
> > When I tried to fire the HT-4B up again a couple of weeks ago I had
> > problems. Now, I do have a good solid 400 watts out, and the antenna
> > change-over relay is working. But, still no modulation.
> >
> > I remember that I was having a bit of a problem with the push-to-talk
> > when I last used the transmitter (with the BC-614E). So, I guess I'll
> > just have to keep trouble-shooting and see what happens.
> >
> > I do have a schematic for the HT-5. There were no provisions for
> > push-to-talk in that unit. And, from what I can glean, The HT-4B
> > didn't have PTP, either
> >
> > Well, with the BC-614, I did have push-to-talk. So, the Ht-4B must
> > have been modified somewhere along the line for the push-to-talk in
> > the BC-614.
> >

> > That's what worries me. I don't know what, or where, that modification
> > was or is. Although, it would almost have to be the same pin-out on
> > both the speech amp and the transmitter (?).
> >
> > Any words of wisdom appreciated!
> >
> > 73, Barrie, W7ALW
> >
> > Barrie Smith wrote:
> > >
> > > Want to buy a Hallicrafters HT-5 speech amp in good to excellent
> > > condition, although anything that's more-or-less all there considered.
> > >
> > > TNX & 73, Barrie, W7ALW
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> >
> > --
> > Bob - NØDGN
> >
> > [Non-text portions of this message have been removed]
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> --
> Bob - NØDGN
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

# 3452. Re: [T-368_BC-610] WTB HT-5 Speech Amp

Yahoo group: T-368_BC-610
Date: 2008-11-02 19:20:16 UTC
From: Barrie Smith
Topic: 3440  Message: 3452

All:

I do not have the JB-70. When I refered to the JB-70, I meant the socket labeled "JB-70" on the front of the BC-614.

Looking at the schematic for the BC-614, it appears that there are two pins that, if jumpered, would allow the PTT circuit in the BC-614 to key the transmitter. Those pins are 4 and 6.

73, Barrie, W7ALW
----- Original Message -----
From: wa5cab@...
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, November 02, 2008 12:10 PM
Subject: Re: [T-368_BC-610] WTB HT-5 Speech Amp

If you set the BC-614 into its cradle on top of the JB-70, you will be nearly
there. But the 12 VDC supply to the JB-70 came from the external battery, so
you will have to supply it. There was later a modification of the JB-70 used
in AN/GRC-38 that had the DC supply built into the Control. But it isn't in
the JB-70.

In a message dated 11/2/2008 1:02:22 PM Central Standard Time,
k5pgw@... writes:
> Bob, i have the BC 610 E, BC 614E , and JB 70. I am using the BC 610 E and
> BC 614E at this time but do not have push to talk. I would like to use push
> to talk but don't know how to achieve that with the JB 70. My gear came as a
> set with many connecting cables. i didn't use the JB 70 because most functions
> seemed to relate to generator control and control of the BC 342 N receiver
> WHICH I ALSO HAVE. i
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3453. Fw: Tech help-BC610E

Yahoo group: T-368_BC-610
Date: 2008-11-02 20:28:35 UTC
From: John King
Topic: 3453  Message: 3453

--- On Sun, 11/2/08, John King <k5pgw@...> wrote:

> From: John King <k5pgw@...>
> Subject: Tech help-BC610E
> To: T-368_BC610@yahoogroups.com
> Date: Sunday, November 2, 2008, 11:20 AM
> My BC 610 E is having problems with the exciter section.
>
> I note that the front OD3 (nearest the front panel) of the
> three OD3s is not firing.
>
> I have doubler plate current of about 70 ma but NO doubler
> grid current. There is also Int Plt. current of 60 ma. There
> is NO PA grid current.
>
> Looks like I will have to remove the exciter deck for
> troubleshooting the exciter section. Any suggestions
> regarding removal of the exciter chssis from the BC 610 E
> ??? Looks like a MONSTER job to me and I don't have any
> manual labor help. What is your advice, warnings and, if
> any, shortcuts to removal?
>
> I wonder why the "front" OD3 is not firing. I
> have swapped the OD3s around and when swapped around, they
> all fire when moved from the front positioned socket.
>
> I am scheduled for a complete knee replacement in about two
> weeks and would like to get the BC 610E up and going before
> I go in for the surgery.
>
> All assistance based on your hands on experience with the
> BC 610 E will be greatly appreciated. Thanks and 73, John,
> K5PGW

# 3454. Re: [T-368_BC-610] Fw: Tech help-BC610E

Yahoo group: T-368_BC-610
Date: 2008-11-02 21:02:01 UTC
From: bob mccully
Topic: 3453  Message: 3454

John, Is this a recently occurring problem?  Has the transmitter been in use recently? I'm in the process of getting my E model back on line after a few years in storage. I found oxidation on several of the tube sockets. I cleaned all contacts in order to avoid any future problem in that department.  Good luck,  Bob  AB8OP

[Non-text portions of this message have been removed]

# 3455. Re: [T-368_BC-610] WTB HT-5 Speech Amp

Yahoo group: T-368_BC-610
Date: 2008-11-02 21:19:40 UTC
From: wa5cab@cs.com
Topic: 3440  Message: 3455

Group,

If anyone ever stumbles across a C-1218/GR, that's the modified JB-70 from AN/GRC-38 (final radio set using BC-610 or T-213) that I alluded to earlier. Lon took the pertinent circuit out of it and drew it up for standalone homebrew purposes. He and I had two or three of the C-1218's between us at one time.

In a message dated 11/2/2008 1:15:27 PM Central Standard Time, rbethman@... writes:
> John,
>
> My understanding of the JB-70 is that it allows "remote" operation of
> the BC-610, BC-614, AND the generator.
>
> As has been pointed out by Robert Downs, the JB-70 requires a 12VDC
> power source.
>
> I do NOT own a JB-70. Therefore the PTT mod that Lon Cottingham drew up
> for PTT. It provides external power AND relay to J1 on the BC-614.
>
> I use this and a Johnson TR Relay for my station.
>
> Bob - N0DGN
>
> John King wrote:
> >
> >Bob, I have the BC 610 E, BC 614E , and JB 70. I am using the BC 610 E
> >and BC 614E at this time but do not have push to talk. I would like to
> >use push to talk but don't know how to achieve that with the JB 70. My
> >gear came as a set with many connecting cables. I didn't use the JB 70
> >because most functions seemed to relate to generator control and
> >control of the BC 342 N receiver WHICH I ALSO HAVE. I bought the four
> >pieces of gear as a complete station but I have not fired up the BC
> >342 N as of yet.
> >
> >Do you recomment use of the JB70 and BC 342N ?? I would appreciate
> >your suggestions and input. 73, John, K5PGW
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3456. Hi Fi Amp for speech amp

Yahoo group: T-368_BC-610
Date: 2008-11-02 21:19:47 UTC
From: Barrie Smith
Topic: 3456  Message: 3456

If I were to forget about the PTT issue, for the moment, I'm still left with no modulation on the HT-4B.

When I was last operating the HT4, at least ten years ago, there was much talk about using a Hi Fi amp to drive the modulator. Since I was getting good signal reports I didn't pay much attention.

Is there a source for the needed information to use such a speech amp? Use an amp with a 500 ohm output? Or, an 8 ohm output with a matching transformer?

73, Barrie, W7ALW

[Non-text portions of this message have been removed]

# 3457. Re: [T-368_BC-610] Fw: Tech help-BC610E

Yahoo group: T-368_BC-610
Date: 2008-11-02 21:34:04 UTC
From: John King
Topic: 3453  Message: 3457

Bob, I have been using the BC 610 on 80 meters for the past year with great results. During the last year it has performed well using a Globe VFO which is stable and does a great job.

During a QSO two weeks ago today, the grid current dropped off on the PA and it has gone down hill from there. I can't determine whether all three OD3 tubes are supposed to ignite, and if so, why the front OD3 doesn't ignite.

I hope to get this beast going again soon. Thanks for the email and all suggestions. 73, John, K5PGW

--- On Sun, 11/2/08, bob mccully <bob_mcclly@...> wrote:

From: bob mccully <bob_mcclly@...>
Subject: Re: [T-368_BC-610] Fw: Tech help-BC610E
To: T-368_BC-610@yahoogroups.com
Date: Sunday, November 2, 2008, 12:02 PM

John, Is this a recently occurring problem?  Has the transmitter been in use recently? I'm in the process of getting my E model back on line after a few years in storage. I found oxidation on several of the tube sockets. I cleaned all contacts in order to avoid any future problem in that department.  Good luck,  Bob  AB8OP

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3458. Re: [T-368_BC-610] Fw: Tech help-BC610E

Yahoo group: T-368_BC-610
Date: 2008-11-02 21:42:39 UTC
From: wa5cab@cs.com
Topic: 3453  Message: 3458

One of the three 0D3's is separate from the other two. It regulates screen voltage to the oscillator. Most likely culprits are R3 (15K) or the 6V6 is drawing excessive screen current. The other pair regulate the oscillator plate voltage and they share a common source.

In a message dated 11/2/2008 2:28:48 PM Central Standard Time,
k5pgw@... writes:
> >I wonder why the "front" OD3 is not firing. I
> >have swapped the OD3s around and when swapped around, they
> >all fire when moved from the front positioned socket.
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3459. Re: [T-368_BC-610] Fw: Tech help-BC610E

Yahoo group: T-368_BC-610
Date: 2008-11-02 21:58:57 UTC
From: bob mccully
Topic: 3453  Message: 3459

John, I hate to suggest it, BUT  do you have a tube checker? It's always possible.

[Non-text portions of this message have been removed]

# 3460. Re: Hi Fi Amp for speech amp

Yahoo group: T-368_BC-610
Date: 2008-11-03 07:26:10 UTC
From: g3vkm
Topic: 3456  Message: 3460

Hi Barrie,

I posted a response on the boatanchors list but it will bear repeating here:-

I had a similar problem earlier in the year with my BC-614-E and BC-610-E.

To eliminate the transmitter modulator, I injected an audio signal from a Marconi signal generator straight into the octal socket on the TX back. The sig gen I used had a 600 Ohm balanced output and can give up to 20 volts p-p, not an uncommon spec in older valved sig gens. The '610 came up OK with plenty of mod. The problem turned out to be the output transformer in the BC-614-E; the primary winding, which is centre-tapped, had gone open on both legs. I did have a (used) spare transformer but checking that out showed a similar fault. I asked around for anyone who had a transformer but the only offer I got turned out to be a transformer with the same fault, leading me to suspect this is a weak point in the '614. I eventually located a similar spec, but physically different, RCA transformer on ebay in the audiophile area and that works fine, with just a little metal work to the '614 chassis to make the RCA fit.

I did look at the possibility of using a modern commercial pre-amp/amplifier but wanted to stick with the '614 if possible. I also felt there might be an issue with RF getting into a modern amp, especially as I use an end-fed wire on the '610.

There's been a bit of discussion about the HT-5? The original pre-war HT-5 will be as rare as rocking horse droppings but there was a post-war HT-5 which is just another name for the BC-614-*; the transmitter was advertised as the HT-4, even though it was a BC-614-I in civilian clothes.

Hope this helps,

Roger Basford, G3VKM - Norfolk, England.

--- In T-368_BC-610@yahoogroups.com, "Barrie Smith" <barrie@...> wrote:
>

> If I were to forget about the PTT issue, for the moment, I'm still left with no modulation on the HT-4B.
>
> When I was last operating the HT4, at least ten years ago, there was much talk about using a Hi Fi amp to drive the modulator. Since I was getting good signal reports I didn't pay much attention.
>
> Is there a source for the needed information to use such a speech amp? Use an amp with a 500 ohm output? Or, an 8 ohm output with a matching transformer?
>
> 73, Barrie, W7ALW
>
> [Non-text portions of this message have been removed]
>

# 3461. Meter nuts for meters in BC 610E.

Yahoo group: T-368_BC-610
Date: 2008-11-04 01:08:19 UTC
From: John King
Topic: 3461  Message: 3461

Can anyone tell me if PL11 mounted beneath the meters unplugs from
a socket or not? The PL11 assembly appears to be plugged into a socket, but I see NO GROOVE between the two to enable me to separate them. It is mounted just below the panel meters. I have removed what appears to be a cable and plug assembly with PL11 on the end of the cable. I am not sure whether PL 11 is plugged into a socket or not or if the end of the cable is all one piece. I have removed it from the panel by removing the two screws.

I am trying to remove the exciter deck from the BC-610 E and don't have a schematic for the BC 610 E. I have a schematic for a BC 610 H and BC 610 I and the BC 610 E is PHYSICALLY different from from the H and I models. The schematic I have doesn't show P11 at the end of a group of wires.

Does anyone have hands on experience removing these wires and plugs from a BC 610E?? I only lack removing about three wires attaching to the terminal strip on the exciter deck and the group of wires that go the the PA grid meter and to PL11. Need help to know what to do with the wires attached to PL11. That is all I have left to do before removing the exciter deck. ALL ADVICE ABOUT REMOVING THE CABLE TO PL11 WILL BE APPRECIATED.

I am also looking for some meter post nuts for the panel meters in the BC61E. I have some missing. Does anyone have any defunct panel meters from a BC 610 E that I might salvage some from. This is a VERY FINE thread post and Nut.

All assistance with this BC 610E will be greatly appreciated. Please let me hear from you directly. Thanks and 73, John, K5PGW

# 3462. Re: [T-368_BC-610] Meter nuts for meters in BC 610E.

Yahoo group: T-368_BC-610
Date: 2008-11-04 04:48:03 UTC
From: wa5cab@cs.com
Topic: 3461  Message: 3462

It's been 20+ years since I last disassembled an E model and I've more recently been into F and later and can't decide in some cases which memories go to which. But PL11 (8-pin) plugs into SO11, PL1 ( 6-pin)plugs into SO1 and PL2 (6-pin) plugs into SO2. These are all large standard Jones plugs, the type with the flat blade pins and a round alignment pin. You also must disconnect a ground lead to terminal 1 of TS1, the HV lead to the final, the two leads to the filament voltage meter and leads on RY4, the antenna shorting relay. I can't recall exactly which leads from the relay as I can't recall whether the relay in the E was mechanically mounted to the side panel or frame, or to the exciter deck. SO11 is on the upper control panel and SO1 and SO2 are on the modulator deck.

See the schematic I just sent to you.

In a message dated 11/3/2008 7:08:40 PM Central Standard Time,
k5pgw@... writes:
> Can anyone tell me if PL11 mounted beneath the meters unplugs from
> a socket or not? The PL11 assembly appears to be plugged into a socket, but
> I see NO GROOVE between the two to enable me to separate them. It is mounted
> just below the panel meters. I have removed what appears to be a cable and
> plug assembly with PL11 on the end of the cable. I am not sure whether PL 11 is
> plugged into a socket or not or if the end of the cable is all one piece. I
> have removed it from the panel by removing the two screws.
>
> I am trying to remove the exciter deck from the BC-610 E and don't have a
> schematic for the BC 610 E. I have a schematic for a BC 610 H and BC 610 I and
> the BC 610 E is PHYSICALLY different from from the H and I models. The
> schematic I have doesn't show P11 at the end of a group of wires.
>
> Does anyone have hands on experience removing these wires and plugs from a
> BC 610E?? I only lack removing about three wires attaching to the terminal
> strip on the exciter deck and the group of wires that go the the PA grid meter
> and to PL11. Need help to know what to do with the wires attached to PL11.
> That is all I have left to do before removing the exciter deck. ALL ADVICE ABOUT
> REMOVING THE CABLE TO PL11 WILL BE APPRECIATED.
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3463. Re: [T-368_BC-610] Meter nuts for meters in BC 610E.

Yahoo group: T-368_BC-610
Date: 2008-11-04 13:08:51 UTC
From: w5kgz@yahoo.com
Topic: 3461  Message: 3463

Unplug the pl 11 John and there are two on the left side of the mod chasis and a couple on the right side ..there is a ground lead on the exciter chasis  on terminal 1 and possibley 2 one on term 1 and one on 3 there is none on 2 this pair will be seperate from the loom of wires...please call on 409-753-2704 and we will discuss this thing and get it removed from the cabinet...it's really simple to take out ,just look at what is attached and needs to be unfaste n...if it has a plug on it it will unplug all plugs and sockets are numbered and will go pl to so  pl being the plug and the so being the socket If I can confuse you more let me know. How far is it from Beaumont to you qth?? Might consider the trip to help you ..Don't panick just back up and take a look at it and see whats needs to be done  to accomplish your task...God BLess John I know you can do it.....Let me hear from you

Perry

---

From: John King <k5pgw@yahoo.com>
To: T-368_BC-610@yahoogroups.com
Sent: Monday, November 3, 2008 7:08:19 PM
Subject: [T-368_BC-610] Meter nuts for meters in BC 610E.

Can anyone tell me if PL11 mounted beneath the meters unplugs from
a socket or not? The PL11 assembly appears to be plugged into a socket, but I see NO GROOVE between the two to enable me to separate them. It is mounted just below the panel meters. I have removed what appears to be a cable and plug assembly with PL11 on the end of the cable. I am not sure whether PL 11 is plugged into a socket or not or if the end of the cable is all one piece. I have removed it from the panel by removing the two screws.

I am trying to remove the exciter deck from the BC-610 E and don't have a schematic for the BC 610 E. I have a schematic for a BC 610 H and BC 610 I and the BC 610 E is PHYSICALLY different from from the H and I models. The schematic I have doesn't show P11 at the end of a group of wires.

Does anyone have hands on experience removing these wires and plugs from a BC 610E?? I only lack removing about three wires attaching to the terminal strip on the exciter deck and the group of wires that go the the PA grid meter and to PL11. Need help to know what to do with the wires attached to PL11. That is all I have left to do before removing the exciter deck. ALL ADVICE ABOUT REMOVING THE CABLE TO PL11 WILL BE APPRECIATED.

I am also looking for some meter post nuts for the panel meters in the BC61E. I have some missing. Does anyone have any defunct panel meters from a BC 610 E that I might salvage some from. This is a VERY FINE thread post and Nut.

All assistance with this BC 610E will be greatly appreciated. Please let me hear from you directly. Thanks and 73, John, K5PGW

[Non-text portions of this message have been removed]

# 3464. Power Supply for Collins KWM2A and Heath HW-Series Tube Radios Sale

Yahoo group: T-368_BC-610
Date: 2008-11-07 20:33:11 UTC
From: ziolkowskirobert
Topic: 3464  Message: 3464

HV Power supply used with the 100 watt Collins KWM2A and Heath HW-Series Tube Transceivers.
Built with the old Heavy duty Mil. Transformers, chokes and capacitors with solid state rectifiers. Supplied the 750+V, 250V and minus Bias voltages together with filament voltages. Parts alone are worth it. T1 is a 600Vct 150Ma wt. 5V 2A & 6.3Vct 2A winding. Choke 1 is a 6-8H 170Ma and choke 2 is a 15H 150Ma. Has another choke like 1 not connected. Don't know the HV transformer current value but it is 1710Vct putting out 900V no load. A separate 12V Filament Transformer is used for the transceiver. Last used with a KWM2A loaned to a friend. Originally made for my Heath HW-12A & 32A. Can be adapted to any Radio needing those voltages. I can send pictures if you email me your address.

# 3465. Re: [T-368_BC-610] Hi Fi Amp for speech amp

Yahoo group: T-368_BC-610
Date: 2008-11-08 05:44:07 UTC
From: w5kgz@yahoo.com
Topic: 3456  Message: 3465

Barrie use the 70 volt line output on a p.a. amp and it will work very well...the only thing you will have to add is a lever switch to activate the xmitteer it is pins 4 to ground on the octal plug on the rear of the 610 the audio might be shielded or twested pair.  It takes very little audio to drive the pair of 2A3's  something less than a watt.....good luck

---
From: Barrie Smith <barrie@...>
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, November 2, 2008 3:19:47 PM
Subject: [T-368_BC-610] Hi Fi Amp for speech amp

If I were to forget about the PTT issue, for the moment, I'm still left with no modulation on the HT-4B.

When I was last operating the HT4, at least ten years ago, there was much talk about using a Hi Fi amp to drive the modulator. Since I was getting good signal reports I didn't pay much attention.

Is there a source for the needed information to use such a speech amp? Use an amp with a 500 ohm output? Or, an 8 ohm output with a matching transformer?

73, Barrie, W7ALW

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3466. New Owner/User/Member

Yahoo group: T-368_BC-610
Date: 2008-11-10 03:37:52 UTC
From: Harold Hairston
Topic: 3466  Message: 3466

Hello, T-368, BC-610 Users;

I am the proud owner of Oneida T-368 (F) Number 139. I obtained this unit from Tom Norris-NU4G. From the best I have been able to tell, before Tom a couple of guys in Huntsville owned it. Though I have been looking for a T-368 the last three years, Tom's was the first time I ever laid eyes on a unit..

It is not very pretty but every thing seems to be there. No missing parts, no clipped wires, etc. My plan of attack is to see if I can get every thing working then see if I can make it better looking. I assume that there  are folks who can repaint and letter front panels????

I currently have both blowers out and they sound noisy to me though there is no play in the shaft and no binding. How noisy should they be running outside of the unit? What type bearings are used in these blowers. Permanentlt lubricated?

Glad to be a member of the T-368, Bc-610 group.

Harold

[Non-text portions of this message have been removed]

# 3467. Re: [T-368_BC-610] New Owner/User/Member

Yahoo group: T-368_BC-610
Date: 2008-11-10 16:13:00 UTC
From: Joe Foley
Topic: 3466  Message: 3467

Yes, the bearings are permanently lubed.  It sounds like they are still tight but dry.  You could pry the side plates off and put some grease in there but it's almost as easy to just press on new bearings, they don't cost much and are standard sizes.Joe

I currently have both blowers out and they sound noisy to me though there is no play in the shaft and no binding. How noisy should they be running outside of the unit? What type bearings are used in these blowers. Permanentlt lubricated?

[Non-text portions of this message have been removed]

# 3468. Another new member

Yahoo group: T-368_BC-610
Date: 2008-11-12 06:59:36 UTC
From: kf6pqt
Topic: 3468  Message: 3468

Hello!

After coveting them for years, I finally acquired a BC-610-I last weekend. I have it, and many spare tubes and parts stashed safely in my garage. Pictures are here:

http://www.flickr.com/photos/kf6pqt/

Aside from cleaning, checking tubes, fixing the front panel fuse holders and pilot lights, and making up a power cord, (are those connectors hard to find?) what else should I be checking out before I attempt to power this monster up? How heavily rated does my variac need to be?

And yes, I do have a pdf copy of the TM.

Thanks and 73,
Jason kf6pqt

--
--... ...--
http://en.wikipedia.org/wiki/Junk_box
http://kf6pqt.net
http://www.flickr.com/photos/kf6pqt/

# 3469. Re: [T-368_BC-610] Another new member

Yahoo group: T-368_BC-610
Date: 2008-11-12 12:28:37 UTC
From: Geoff/W5OMR
Topic: 3468  Message: 3469

kf6pqt wrote:
> Aside from cleaning, checking tubes, fixing the front panel fuse
> holders and pilot lights, and making up a power cord, (are those
> connectors hard to find?) what else should I be checking out before I
> attempt to power this monster up? How heavily rated does my variac
> need to be?

Congrats on the I model.

I would say, the vari-ac would have to -at least- be rated heavy enough
to handle the ratings of the fuses in the front panel.

Figure 100 watts, at idle... (tube filaments, transformer losses, etc)
500w DC input when keyed, and a bit more for modulator bias and audio
peaks... at 120vac, a 15amp variac (at minimum) would be needed, in my
opinion.

--
73 = Best Regards,
-Geoff/W5OMR

# 3470. Re: [T-368_BC-610] Another new member

Yahoo group: T-368_BC-610
Date: 2008-11-12 16:03:48 UTC
From: wa5cab@cs.com
Topic: 3468  Message: 3470

The AC line cord connector for the BC-610 no longer appears on NEMA charts. Over the years, I have had some success at finding the older 2-pole turn-lock or twist-lock connectors at garage or yard sales, usually in a box of junk on the ground under their table. However, the L2-20 insert, rated 20A 250V does work. It has one blade wider than the other but from the hard sale finds over the years I discovered that although the holes or slots in the face of the cable females varied, the guts were all the same. The original chassis connector has both blades the same size so the L2-20 will fit both ways.

The only currently available one that I am sure can be made to physically fit is the yellow rubber outer shell one from Woodhead. It requires reducing the OD of the part that fits into the chassis connector shell by about 0.020". However, be prepared for sticker shock at what they sell for. The cheaper white or white and black plastic one I've seen probably has insufficient wall thickness to tolerate the required OD reduction.

In a message dated 11/12/2008 12:59:46 AM Central Standard Time,
kf6pqt@... writes:
> Hello!
>
> After coveting them for years, I finally acquired a BC-610-I last
> weekend. I have it, and many spare tubes and parts stashed safely in
> my garage. Pictures are here:
>
> http://www.flickr.com/photos/kf6pqt/
>
> Aside from cleaning, checking tubes, fixing the front panel fuse
> holders and pilot lights, and making up a power cord, (are those
> connectors hard to find?) what else should I be checking out before I
> attempt to power this monster up? How heavily rated does my variac
> need to be?
>
> And yes, I do have a pdf copy of the TM.
>
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3471. Re: [T-368_BC-610] Another new member

Yahoo group: T-368_BC-610
Date: 2008-11-12 19:32:52 UTC
From: rbethman
Topic: 3468  Message: 3471

Welcome to the Zoo!

I agree the variac should be able to handle the fused ratings.

However, the three, FS1, FS2, and FS3 are rated at 25A, 20A, and 25A.

I do not believe a 15A variac would last long. I have a large Superior Variac that handles 40A.

I can dial the voltage down to the original 110VAC and handle the power throughput. I'd be awfully concerned that a 15A one would burn up.

Bob - N0DGN

Geoff/W5OMR wrote:
>
> kf6pqt wrote:
> > Aside from cleaning, checking tubes, fixing the front panel fuse
> > holders and pilot lights, and making up a power cord, (are those
> > connectors hard to find?) what else should I be checking out before I
> > attempt to power this monster up? How heavily rated does my variac
> > need to be?
>
> Congrats on the I model.
>
> I would say, the vari-ac would have to -at least- be rated heavy enough
> to handle the ratings of the fuses in the front panel.
>
> Figure 100 watts, at idle... (tube filaments, transformer losses, etc)
> 500w DC input when keyed, and a bit more for modulator bias and audio
> peaks... at 120vac, a 15amp variac (at minimum) would be needed, in my
> opinion.
>
> --
> 73 = Best Regards,
> -Geoff/W5OMR
>
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

# 3472. Need T-368 to C-1123 cable

Yahoo group: T-368_BC-610
Date: 2008-11-14 18:31:05 UTC
From: Gary Geissinger
Topic: 3472  Message: 3472

I'm looking for the cable that connects the T-368C to the C-1123.  If you have one for sale, please let me know.  73's, Gary WA0SPM

[Non-text portions of this message have been removed]

# 3473. Re: [T-368_BC-610] Another new member

Yahoo group: T-368_BC-610
Date: 2008-11-14 22:15:07 UTC
From: w5kgz@yahoo.com
Topic: 3468  Message: 3473

Geoff when it is loaded to specs it will draw about 22 Amps

---
From: Geoff/W5OMR <w5omr@...>
To: T-368_BC-610@yahoogroups.com
Sent: Wednesday, November 12, 2008 6:28:37 AM
Subject: Re: [T-368_BC-610] Another new member

kf6pqt wrote:
> Aside from cleaning, checking tubes, fixing the front panel fuse
> holders and pilot lights, and making up a power cord, (are those
> connectors hard to find?) what else should I be checking out before I
> attempt to power this monster up? How heavily rated does my variac
> need to be?

Congrats on the I model.

I would say, the vari-ac would have to -at least- be rated heavy enough
to handle the ratings of the fuses in the front panel.

Figure 100 watts, at idle... (tube filaments, transformer losses, etc)
500w DC input when keyed, and a bit more for modulator bias and audio
peaks... at 120vac, a 15amp variac (at minimum) would be needed, in my
opinion.

--
73 = Best Regards,
-Geoff/W5OMR

[Non-text portions of this message have been removed]

# 3474. Re: [T-368_BC-610] Another new member

Yahoo group: T-368_BC-610
Date: 2008-11-15 02:03:08 UTC
From: Geoff/W5OMR
Topic: 3468  Message: 3474

w5kgz@... wrote:
> Geoff when it is loaded to specs it will draw about 22 Amps
>

Ok - 22amps. Sounds like a 25ap Vari-Ac will handle it just fine.

Good to hear you on the air this morning, Perry, with that old BC-610-E
of John Mohn/W5MEU's.

ONE DAY, I'll get it back (don't know where the hell I'd put it... but
I'll get it back ;-> )

--
73 = Best Regards,
-Geoff/W5OMR

# 3475. Running on a PE95 genset

Yahoo group: T-368_BC-610
Date: 2008-11-15 16:48:55 UTC
From: Stephen Keith
Topic: 3475  Message: 3475

Has anyone ever run a BC610* on a PE95 genset either on code or phone?
I am asking because in my application (Chevrolet K51 Panel Truck
including BC610 towing K52 trailer with PE95 genset) the BC610 will be
running off of the PE95 in the field.

I am wondering how the PE95 reacts to the load changes, especially with
code having a mechanical regulator and all. Does it "carry through" the
highs and lows of continious code? What about pauses in both code and
speech?

I am still a ways away from finding out myself, but am curious if
anyone else has ever run the original system.

Steve KB1POA

# 3476. Re: [T-368_BC-610] Running on a PE95 genset

Yahoo group: T-368_BC-610
Date: 2008-11-15 17:19:31 UTC
From: ray bee
Topic: 3475  Message: 3476

While I can't specifically address this point, my general experience with mechanical regulator type gen sets has been they will keep up with changing loads, within reason. the 610 has to have around  a 200W key up load. Most problems I have experienced have been with motor starting, especially if the genset is being maxxed out by the inrush current.

In most applications, you would want to use a generator capable of 2-3X the normal standing load, or in this case the key down load. Ideally the generator should be running in the middle 1/3 of its load range for best regulation and efficiency. Hopefully this is some help. Definitely check the system under load before hooking up anything you don't want to roast to it

--- On Sat, 11/15/08, Stephen Keith <cckw@...> wrote:

From: Stephen Keith <cckw@comcast.net>
Subject: [T-368_BC-610] Running on a PE95 genset
To: T-368_BC-610@yahoogroups.com
Date: Saturday, November 15, 2008, 11:48 AM

Has anyone ever run a BC610* on a PE95 genset either on code or phone?
I am asking because in my application (Chevrolet K51 Panel Truck
including BC610 towing K52 trailer with PE95 genset) the BC610 will be
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code having a mechanical regulator and all. Does it "carry through" the
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I am still a ways away from finding out myself, but am curious if
anyone else has ever run the original system.

Steve KB1POA

[Non-text portions of this message have been removed]

# 3477. Re: [T-368_BC-610] Another new member

Yahoo group: T-368_BC-610
Date: 2008-11-15 16:54:14 UTC
From: Larry Godek
Topic: 3468  Message: 3477

Geoff,

If you happen to have to many 610's around there, i could come over and pick one out of the litter!

Haven't heard anything out of you via this medium for a couple years.

Larry
W0OGH

--- On Fri, 11/14/08, Geoff/W5OMR <w5omr@...> wrote:
From: Geoff/W5OMR <w5omr@....nu>
Subject: Re: [T-368_BC-610] Another new member
To: T-368_BC-610@yahoogroups.com
Date: Friday, November 14, 2008, 7:03 PM

w5kgz@yahoo. com wrote:

> Geoff when it is loaded to specs it will draw about 22 Amps

>

Ok - 22amps. Sounds like a 25ap Vari-Ac will handle it just fine.

Good to hear you on the air this morning, Perry, with that old BC-610-E

of John Mohn/W5MEU's.

ONE DAY, I'll get it back (don't know where the hell I'd put it... but

I'll get it back ;-> )

--

73 = Best Regards,

-Geoff/W5OMR

[Non-text portions of this message have been removed]

# 3478. Re: [T-368_BC-610] Running on a PE95 genset

Yahoo group: T-368_BC-610
Date: 2008-11-15 18:19:31 UTC
From: rbethman
Topic: 3475  Message: 3478

Steve,

I believe the "regulator" you are referring to, may indeed be the governor. Even todays generators have mechanical governors using internal "flyweights" or balls with balance springs to regulate speed of the engine side.

The PE-95 is a 10 KW rating if memory serves correctly. It should have NO problem keeping up with the BC-610 itself. How much of the REST of the systems are you going to use in the panel truck? Receivers, lights, etc?

The 610 should draw about 2KW (and a "tad") when properly loaded. A 20% hit on a generator should be fine, allowing that it "may" have a very brief grunt when first hit with it.

Bob - N0DGN

Stephen Keith wrote:
>
> Has anyone ever run a BC610* on a PE95 genset either on code or phone?
> I am asking because in my application (Chevrolet K51 Panel Truck
> including BC610 towing K52 trailer with PE95 genset) the BC610 will be
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> highs and lows of continious code? What about pauses in both code and
> speech?
>
> I am still a ways away from finding out myself, but am curious if
> anyone else has ever run the original system.
>
> Steve KB1POA
>
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

# 3479. more newbie questions, the AC mains supply

Yahoo group: T-368_BC-610
Date: 2008-11-15 18:21:09 UTC
From: kf6pqt
Topic: 3479  Message: 3479

Is there an electrician in the house?

I only have a 15 amp circuit feeding my garage, (where the bc-610 is currently) and the best part of it, its just picked off the porch light of my "front" door. :( This ain't gonna fly.

I rent this place, so there's not a whole lot of major hacking to the electrical that can be done.

The main breaker panel is inside, away from where the line comes in, where the meters are. Crummy little thing, is full. Now, I don't see any 220 circuits hooked up... yet around the corner from the "shack," behind the big old gas stove in the kitchen, is a three-prong 220 plug. If I have three-wire service to the building, that plug is going to be two hot 120's and a neutral, correct? Whats typically the amperage rating for such an outlet? Is it common for these things to not be breakered in an early 1950's building?

Do I have a shot at making anything work here, or does the new monster have to wait until a QTH upgrade occurs?

For those of you who had new circuits run, what did you have put in? (or do yourself?) A 30 Amp 120 circuit?

Thanks and 73,
Jason kf6pqt

--
--... ...--
http://en.wikipedia.org/wiki/Junk_box
http://kf6pqt.net
http://www.flickr.com/photos/kf6pqt/

# 3480. Re: [T-368_BC-610] more newbie questions, the AC mains supply

Yahoo group: T-368_BC-610
Date: 2008-11-15 19:16:02 UTC
From: Rodger Hough
Topic: 3479  Message: 3480

Most three-wire 220 volt electric range circuits are 50 amps and should have number 6 wire running to them. I have seen number 8 on some occasions. What also is important is the size of the neutral wire. It should be the same size if you are going to draw sizable current through it, and since most ranges have burners which actually work on 120, the neutral is usually properly sized. But surely your range circuit is fused somewhere. It may be in a separate box away from the regular breakers, having been an add-on circuit. If this circuit is not being used it could be the source of new power for the ham shack. You would still want to have a ground wire in addition to the hot and neutral. A proper size fuse or breaker downstream is important.

Rodger H
T-368 Owner
k1hh@...

----- Original Message -----
From: kf6pqt
To: T-368_BC-610@yahoogroups.com
Sent: Saturday, November 15, 2008 1:21 PM
Subject: [T-368_BC-610] more newbie questions, the AC mains supply

Is there an electrician in the house?

I only have a 15 amp circuit feeding my garage, (where the bc-610 is currently) and the best part of it, its just picked off the porch light of my "front" door. :( This ain't gonna fly.

I rent this place, so there's not a whole lot of major hacking to the electrical that can be done.

The main breaker panel is inside, away from where the line comes in, where the meters are. Crummy little thing, is full. Now, I don't see any 220 circuits hooked up... yet around the corner from the "shack," behind the big old gas stove in the kitchen, is a three-prong 220 plug. If I have three-wire service to the building, that plug is going to be two hot 120's and a neutral, correct? Whats typically the amperage rating for such an outlet? Is it common for these things to not be breakered in an early 1950's building?

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Thanks and 73,
Jason kf6pqt

--
--... ...--
http://en.wikipedia.org/wiki/Junk_box
http://kf6pqt.net
http://www.flickr.com/photos/kf6pqt/

---

No virus found in this incoming message.
Checked by AVG - http://www.avg.com
Version: 8.0.175 / Virus Database: 270.9.4/1790 - Release Date: 11/15/2008 9:32 AM

[Non-text portions of this message have been removed]

# 3481. Re: [T-368_BC-610] Running on a PE95 genset

Yahoo group: T-368_BC-610
Date: 2008-11-15 19:37:44 UTC
From: wa5cab@cs.com
Topic: 3475  Message: 3481

The PE-95-A,B,C,F is rated 5KW 115VAC and operates at 1200rpm. The PE-95-G,H,I,K is rated 10KW and operates at 1800RPM. Unfortunately, although I've operated BC-610's from -A to T-213, I've never run one on a generator.

In a message dated 11/15/2008 12:21:04 PM Central Standard Time, rbethman@... writes:

> I believe the "regulator" you are referring to, may indeed be the
> governor. Even todays generators have mechanical governors using
> internal "flyweights" or balls with balance springs to regulate speed of
> the engine side.
>
> The PE-95 is a 10 KW rating if memory serves correctly. It should have
> NO problem keeping up with the BC-610 itself. How much of the REST of
> the systems are you going to use in the panel truck? Receivers, lights,
> etc?
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> The 610 should draw about 2KW (and a "tad") when properly loaded. A 20%
> hit on a generator should be fine, allowing that it "may" have a very
> brief grunt when first hit with it.
>
> Bob - N0DGN
>
> Stephen Keith wrote:
> >
> >Has anyone ever run a BC610* on a PE95 genset either on code or phone?
> >I am asking because in my application (Chevrolet K51 Panel Truck
> >including BC610 towing K52 trailer with PE95 genset) the BC610 will be
> >running off of the PE95 in the field.
> >
> >I am wondering how the PE95 reacts to the load changes, especially with
> >code having a mechanical regulator and all. Does it "carry through" the
> >highs and lows of continious code? What about pauses in both code and
> >speech?
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> >I am still a ways away from finding out myself, but am curious if
> >anyone else has ever run the original system.
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3482. power

Yahoo group: T-368_BC-610
Date: 2008-11-15 21:57:46 UTC
From: Alan Morriss
Topic: 3482  Message: 3482

hello guys, regarding power requirements for the bc 610, we have 240v mains over hereso i have to run the scr 399 from an auto transformer.
initially i used a 2.5 kw one used for a link trainer.it is a constant voltage type. it ran things easily, but did get a little warm.
however, i found the voltage was on the high side, so changed over to a 5 kw plant transformer. these were both run from a standard mains power socket using a 13 amp fused plug. the fuse never blew.
our pe 95 was modified for 220 v , so we will have to restore it to original. cheers, alan g4gen

[Non-text portions of this message have been removed]

# 3483. Re: [T-368_BC-610] more newbie questions, the AC mains supply

Yahoo group: T-368_BC-610
Date: 2008-11-16 01:35:09 UTC
From: Joe Foley
Topic: 3479  Message: 3483

Use the range circuit to feed a sub-panel in the shack.  That could give you two 20 amp circuits.  Use a full sized neutral and a good ground, make sure the old panel is properly grounded, it may not be.

Also, check all the neutral connections as they may have loosened over the years.  The neutral will be carrying ALL of the current from the transmitter instead of it being "balanced" between the two hot lines.

If you don't want to make a big investment in a rented house you could take off the present range receptacle and install a junction box there, then run new wire out to the shack from there.  Fuses, instead of a breaker,  in the range circuit will work fine.

Check to see if your panel has two ground rods, it probably doesn't, you may want to install more.  A cold water line is NOT a good enough ground, no telling what the water line looks like after so many years.

Go through the whole panel and tighten ALL the screw connections, you'll be amazed at what you find.

Joe

--- On Sat, 11/15/08, kf6pqt <kf6pqt@gmail.com> wrote:
From: kf6pqt <kf6pqt@...>
Subject: [T-368_BC-610] more newbie questions, the AC mains supply
To: T-368_BC-610@yahoogroups.com
Date: Saturday, November 15, 2008, 1:21 PM

Is there an electrician in the house?

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currently) and the best part of it, its just picked off the porch

light of my "front" door. :( This ain't gonna fly.

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electrical that can be done.

The main breaker panel is inside, away from where the line comes in,

where the meters are. Crummy little thing, is full. Now, I don't see

any 220 circuits hooked up... yet around the corner from the "shack,"

behind the big old gas stove in the kitchen, is a three-prong 220

plug. If I have three-wire service to the building, that plug is going

to be two hot 120's and a neutral, correct? Whats typically the

amperage rating for such an outlet? Is it common for these things to

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have to wait until a QTH upgrade occurs?

For those of you who had new circuits run, what did you have put in?

(or do yourself?) A 30 Amp 120 circuit?

Thanks and 73,

Jason kf6pqt

--

--... ...--

http://en.wikipedia .org/wiki/ Junk_box

http://kf6pqt. net

http://www.flickr. com/photos/ kf6pqt/

[Non-text portions of this message have been removed]

# 3484. Re: [T-368_BC-610] Running on a PE95 genset

Yahoo group: T-368_BC-610
Date: 2008-11-16 04:04:36 UTC
From: Chuck Strozier
Topic: 3475  Message: 3484

The PE-95 was designed to operate an entire AN/GRC 26A.
It will auto compensate for varying loads.
BC-610/ 2 receivers / 3 tty machines / one fsk converter / one fsk modulator / lights/ heater etc etc.
Typically you will hear the generator power up when the xmitter is keyed.

I state this from personal experience as a BC-610 / T 368 repairman stationed in the ASA (division of NSA) in Germany from 1960-1966.

chuck strozier

----- Original Message -----
From: ray bee
To: T-368_BC-610@yahoogroups.com
Sent: Saturday, November 15, 2008 9:19 AM
Subject: Re: [T-368_BC-610] Running on a PE95 genset

While I can't specifically address this point, my general experience with mechanical regulator type gen sets has been they will keep up with changing loads, within reason. the 610 has to have around a 200W key up load. Most problems I have experienced have been with motor starting, especially if the genset is being maxxed out by the inrush current.

In most applications, you would want to use a generator capable of 2-3X the normal standing load, or in this case the key down load. Ideally the generator should be running in the middle 1/3 of its load range for best regulation and efficiency. Hopefully this is some help. Definitely check the system under load before hooking up anything you don't want to roast to it

--- On Sat, 11/15/08, Stephen Keith <cckw@...> wrote:

From: Stephen Keith <cckw@...>
Subject: [T-368_BC-610] Running on a PE95 genset
To: T-368_BC-610@yahoogroups.com
Date: Saturday, November 15, 2008, 11:48 AM

Has anyone ever run a BC610* on a PE95 genset either on code or phone?
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I am wondering how the PE95 reacts to the load changes, especially with
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highs and lows of continious code? What about pauses in both code and
speech?

I am still a ways away from finding out myself, but am curious if
anyone else has ever run the original system.

Steve KB1POA

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3485. Re: [T-368_BC-610] Running on a PE95 genset

Yahoo group: T-368_BC-610
Date: 2008-11-16 05:51:06 UTC
From: wa5cab@cs.com
Topic: 3475  Message: 3485

Chuck,

Although your experience is correct (a PE-95-G or later will operate the AN/GRC-26 through AN/GRC-26D plus AN/GRC-38), your blanket statement really isn't. The PE-95-A was originally bought to operate the SCR-299-A, not the AN/GRC-26A which came out almost a generation later. The transmitter in the SCR-299-A is a BC-610-A. It is similar enough to the late model BC-610's or T-213/GRC-26 that you are familiar with that you would probably recognize it as a weird looking BC-610, but you might not recognize the 1-1/2 ton Chevrolet carrying it (at least from your experience in Germany) or anything inside the truck as it is all different from the AN/GRC-26A. For starters, there is no RATT equipment. And the PE-95 used is rated 5KW, not 10.

But anyway, Steve, the 5KW PE-95's will adequately operate the SCR-299. And for that matter, the SCR-399-A Although you probably couldn't run the transmitter and several of the heaters in cold weather. But basically the only significant electrical load in the SCR-299, 399 and 499 is the transmitter, speech amp and one receiver. The 10KW PE-95-G came out in 1943 with the 2KW AN/MRC-1 and 3KW AN/MRC-2. As it cost not much more that the 5KW (basically the same engine and framework) the 10KW model remained the standard medium power generator into the late 50's when progress and politics caught up with it.

In a message dated 11/15/2008 10:04:56 PM Central Standard Time,
ccstrozier@... writes:
> The PE-95 was designed to operate an entire AN/GRC 26A.
> It will auto compensate for varying loads.
> BC-610/ 2 receivers / 3 tty machines / one fsk converter / one fsk
> modulator / lights/ heater etc etc.
> Typically you will hear the generator power up when the xmitter is keyed.
>
> I state this from personal experience as a BC-610 / T 368 repairman
> stationed in the ASA (division of NSA) in Germany from 1960-1966.
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3486. Re: [T-368_BC-610] Another new member

Yahoo group: T-368_BC-610
Date: 2008-11-16 07:26:26 UTC
From: W5OMR-Geoff
Topic: 3468  Message: 3486

Larry Godek wrote:
> Geoff,
>
> If you happen to have to many 610's around there, i could come over and pick one out of the litter!
>
> Haven't heard anything out of you via this medium for a couple years.
>
> Larry
> W0OGH

It's been some time since we've shared any RF too, Larry! Although, I was on the air tonight, albeit briefly, from the home rig in San Antonio, TX. Worked W0CAB(?) Bob in the Kansas City area, who was sounding great on an ART-5 command set, and he was modulating it with a pair of 2E26's. Sounded GREAT and at one time was roughly 20db/S-9.

Then, worked Lum/K5AYD in Cache, OK with his ever persistent rock-crushing signal from the mighty Apache. I'll ask this here, for Lum - does anyone have any junker Hallicrafter SX-73 version of an R-274 laying around? Specifically, he's looking for the tags that go on the front panel. Frequency chart and the two metal tags below it.

Back to the grind in Houston. The dust is starting to settle down now, after the move.

Thanks for asking, Larry. Life is good ;-)

--
73 = Best Regards,
-Geoff/W5OMR (/5 Houston, TX)

# 3487. BC-939 tag needed

Yahoo group: T-368_BC-610
Date: 2008-11-16 15:05:59 UTC
From: Keith Densmore
Topic: 3487  Message: 3487

Hi All,
Almost finished a restoration of the BC-939 Antenna Tuner. But I'm missing one ID tag the one on the left side upper. The one with a serial number. Any out there in good condition or better?

Thanks, 73,
Keith ve3ts

# 3488. T-368 Panel Bolt

Yahoo group: T-368_BC-610
Date: 2008-11-16 15:10:22 UTC
From: Keith Densmore
Topic: 3488  Message: 3488

Hello Again,
Another small restoration item. I need one panel securing bolt for my T-368 (the one with the allen head, 4 bolts per each section). Soooo, anyone got one spare?
Thanks, 73,
Keith ve3ts

# 3489. BC-610 for sale in Greensboro,NC

Yahoo group: T-368_BC-610
Date: 2008-11-19 03:43:14 UTC
From: Tom Bridgers
Topic: 3489  Message: 3489

Whoever said, "Too many radios, not enough time" must have been looking at the radios that I have in storage. The time is now for me to realize I'll never get my BC-610 on the air, and so it's for sale.

The is a BC-610-F made by Bogen. Included is a manual, 9 RF final coils, 7 ea tuning units, all tubes, 2 ea replacement HV caps (each 4 mfd @ 4000 volts), 6 ea tuning cards, BC-614 speech amplifier, power plug to 120 VAC, connecting cable from BC-610 to BC-614 (though the cable needs an octal plug at the BC-614 end). All in all this is a nice looking BC-610, and the BC-614 is particularly nice looking.

PA coils included are 2 - 3.5 mHz, 3.5 - 4.5 mHz, 4.5 - 5.7 mHz, 5.7 - 11 mHz,11 - 14 mHz, and 14 - 18 mHz. As is generally true of coils this age, some of the coil holding plastic is crumbling, but using non-conductive epoxy glue usually solves the problem.

Though not clearly shown in the pictures, all tubes are included. You'll see the 250TH and two 100TH's in a box, along with two 2A3's.

Take a look here:

http://picasaweb.google.com/radios4fun/BC610#

What you see in the photo's is what is included, EXCEPT the BC-939 antenna tuner. I'll be selling the BC-939 separately.

The BC-610 is located in a storage unit in Greensboro, NC and the buyer must pick it up from there or make arrangements to have it picked up.

The BC-610 is for sale at $ 800 as is, where is. In other words, FOB Greensboro,NC.

I'd be happy to provide additional pictures or additional info; just let me know what you need. Offers are welcome, please send me an email.

I'm offering it to the T-368 BC-610 group first. If I don't hear from an interested buyer within 5 days, I'll put it on eBay.
Thanks in advance,
-Tom

[Non-text portions of this message have been removed]

# 3490. Re: [T-368_BC-610] BC-610 for sale in Greensboro,NC

Yahoo group: T-368_BC-610
Date: 2008-11-19 20:11:50 UTC
From: John Poulton
Topic: 3489  Message: 3490

That reminds me, Tom: I have a black-wrinkle-painted door that goes to a relay rack, and I have this vague memory that it might be a rack that I sold you (or possibly gave you). The door is about 5 feet tall. Do you have the rack still? Do you want the door? If not, I'm going to recycle it... it's seriously in the way! But, you know how I hate to toss stuff out!!

Good luck relocating the '610!

Cheers,
jp

On Tue, 18 Nov 2008, Tom Bridgers wrote:

> Whoever said, "Too many radios, not enough time" must have been looking at the radios that I have in storage. The time is now for me to realize I'll never get my BC-610 on the air, and so it's for sale.
>
> The is a BC-610-F made by Bogen. Included is a manual, 9 RF final coils, 7 ea tuning units, all tubes, 2 ea replacement HV caps (each 4 mfd @ 4000 volts), 6 ea tuning cards, BC-614 speech amplifier, power plug to 120 VAC, connecting cable from BC-610 to BC-614 (though the cable needs an octal plug at the BC-614 end). All in all this is a nice looking BC-610, and the BC-614 is particularly nice looking.
>
> PA coils included are 2 - 3.5 mHz, 3.5 - 4.5 mHz, 4.5 - 5.7 mHz, 5.7 - 11 mHz,11 - 14 mHz, and 14 - 18 mHz. As is generally true of coils this age, some of the coil holding plastic is crumbling, but using non-conductive epoxy glue usually solves the problem.
>
> Though not clearly shown in the pictures, all tubes are included. You'll see the 250TH and two 100TH's in a box, along with two 2A3's.
>
> Take a look here:
>
> http://picasaweb.google.com/radios4fun/BC610#
>
> What you see in the photo's is what is included, EXCEPT the BC-939 antenna tuner. I'll be selling the BC-939 separately.
>
> The BC-610 is located in a storage unit in Greensboro, NC and the buyer must pick it up from there or make arrangements to have it picked up.
>
> The BC-610 is for sale at $ 800 as is, where is. In other words, FOB Greensboro,NC.
>
> I'd be happy to provide additional pictures or additional info; just let me know what you need. Offers are welcome, please send me an email.
>
> I'm offering it to the T-368 BC-610 group first. If I don't hear from an interested buyer

within 5 days, I'll put it on eBay.
> Thanks in advance,
> -Tom
>
>
>
>
> [Non-text portions of this message have been removed]
>
>

--

# 3491. Re: [T-368_BC-610] BC-610 for sale in Greensboro,NC

Yahoo group: T-368_BC-610
Date: 2008-11-19 20:14:12 UTC
From: John Poulton
Topic: 3489  Message: 3491

ARghh!! Sorry about that, group. Got to be more careful about "Reply to"!!

On Wed, 19 Nov 2008, John Poulton wrote:

> That reminds me, Tom: I have a black-wrinkle-painted door that goes to a relay
> rack, and I have this vague memory that it might be a rack that I sold you (or
...

# 3492. Re: BC-939 tag needed

Yahoo group: T-368_BC-610
Date: 2008-11-22 11:42:38 UTC
From: g3vkm
Topic: 3487  Message: 3492

--- In T-368_BC-610@yahoogroups.com, "Keith Densmore" <densmore@...>
wrote:
>
> Hi All,
> Almost finished a restoration of the BC-939 Antenna Tuner. But I'm
missing
> one ID tag the one on the left side upper. The one with a serial
number. Any
> out there in good condition or better?
>
> Thanks, 73,
> Keith ve3ts
>

Hello Keith,

I picked up a scrap Hallicrafters-made BC-939-A last year and it has a nameplate on it. It will need the black paint stripping and replacing but I think the lettering would remain legible if the cleaning process wasn't too severe.

It's yours for the cost of postage from UK.

73

Roger Basford, G3VKM

# 3493. Re: [T-368_BC-610] Re: Hi Fi Amp for speech amp

Yahoo group: T-368_BC-610
Date: 2008-11-22 12:11:07 UTC
From: W5OMR-Geoff
Topic: 3456  Message: 3493

g3vkm wrote:
> Hi Barrie,
>
> I posted a response on the boatanchors list but it will bear repeating
> here:-
>
> I had a similar problem earlier in the year with my BC-614-E and BC-610-E.
>
> To eliminate the transmitter modulator, I injected an audio signal from a
> Marconi signal generator straight into the octal socket on the TX
> back. The
> sig gen I used had a 600 Ohm balanced output and can give up to 20 volts
> p-p, not an uncommon spec in older valved sig gens. The '610 came up
> OK with plenty
> of mod.

Something else one might try, if they don't have access to a BC-614 (with good transformers in it) is something I did a while back with the BC-610-E that Perry/W5KGZ is running now, and that is to remove the grid leads from the 100TH's, and use another external audio source. In my case, I used a Bogen PA system (that model had (4) 7868's in it, in push-pull parallel) that had been modified with about 20db worth of inverse feed-back added, a regular D-104 and a solid-state audio driver (http://www.qsl.net/wa5bxo/driver1.html). Instead of the usual leads driving the 100TH's, using this- lash-up gave some much better audio quality to the old BC-610. Smooth, clear, clean and hum-free (as long as you were on the xtal, of course).
Of course, wrap up the grid leads to keep them from shorting on the chassis (there's still bias voltage on them) but the mod is as easy to reverse as simply replacing the grid leads on the 100TH's.

73 = Best Regards,
-Geoff/W5OMR

# 3494. Re: [T-368_BC-610] BC-610 for sale in Greensboro,NC

Yahoo group: T-368_BC-610
Date: 2008-11-23 01:45:12 UTC
From: Larry Godek
Topic: 3489  Message: 3494

Geez,  Everything is on the east coast.

Larry
W0OGH

Gilbert, AZ.

--- On Tue, 11/18/08, Tom Bridgers <tarheel6@...> wrote:
From: Tom Bridgers <tarheel6@...>
Subject: [T-368_BC-610] BC-610 for sale in Greensboro,NC
To: T-368_BC-610@yahoogroups.com
Date: Tuesday, November 18, 2008, 8:43 PM

Whoever said, "Too many radios, not enough time" must have been looking at the radios that I have in storage. The time is now for me to realize I'll never get my BC-610 on the air, and so it's for sale.

The is a BC-610-F made by Bogen. Included is a manual, 9 RF final coils, 7 ea tuning units, all tubes, 2 ea replacement HV caps (each 4 mfd @ 4000 volts), 6 ea tuning cards, BC-614 speech amplifier, power plug to 120 VAC, connecting cable from BC-610 to BC-614 (though the cable needs an octal plug at the BC-614 end). All in all this is a nice looking BC-610, and the BC-614 is particularly nice looking.

PA coils included are 2 - 3.5 mHz, 3.5 - 4.5 mHz, 4.5 - 5.7 mHz, 5.7 - 11 mHz,11 - 14 mHz, and 14 - 18 mHz. As is generally true of coils this age, some of the coil holding plastic is crumbling, but using non-conductive epoxy glue usually solves the problem.

Though not clearly shown in the pictures, all tubes are included. You'll see the 250TH and two 100TH's in a box, along with two 2A3's.

Take a look here:

http://picasaweb. google.com/ radios4fun/ BC610#

What you see in the photo's is what is included, EXCEPT the BC-939 antenna tuner. I'll be selling the BC-939 separately.

The BC-610 is located in a storage unit in Greensboro, NC and the buyer must pick it up from there or make arrangements to have it picked up.

The BC-610 is for sale at $ 800 as is, where is. In other words, FOB Greensboro,NC.

I'd be happy to provide additional pictures or additional info; just let me know what you need. Offers are welcome, please send me an email.

I'm offering it to the T-368 BC-610 group first. If I don't hear from an interested buyer within 5 days, I'll put it on eBay.

Thanks in advance,

-Tom

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3495. Re: [T-368_BC-610] BC-610 for sale in Greensboro,NC

Yahoo group: T-368_BC-610
Date: 2008-11-23 01:54:27 UTC
From: Tom Bridgers
Topic: 3489  Message: 3495

Larry,
Sorry about that. Works both ways. Too many times I see stuff offered for sale on the West coast or in the middle of the USA and say "Geez, as well!"
73's,
-tom

----- Original Message -----
From: Larry Godek
To: T-368_BC-610@yahoogroups.com
Sent: Saturday, November 22, 2008 8:45 PM
Subject: Re: [T-368_BC-610] BC-610 for sale in Greensboro,NC

Geez, Everything is on the east coast.

Larry
W0OGH

Gilbert, AZ.

--- On Tue, 11/18/08, Tom Bridgers <tarheel6@...> wrote:
From: Tom Bridgers <tarheel6@...>
Subject: [T-368_BC-610] BC-610 for sale in Greensboro,NC
To: T-368_BC-610@yahoogroups.com
Date: Tuesday, November 18, 2008, 8:43 PM

Whoever said, "Too many radios, not enough time" must have been looking at the radios that I have in storage. The time is now for me to realize I'll never get my BC-610 on the air, and so it's for sale.

The is a BC-610-F made by Bogen. Included is a manual, 9 RF final coils, 7 ea tuning units, all tubes, 2 ea replacement HV caps (each 4 mfd @ 4000 volts), 6 ea tuning cards, BC-614 speech amplifier, power plug to 120 VAC, connecting cable from BC-610 to BC-614 (though the cable needs an octal plug at the BC-614 end). All in all this is a nice looking BC-610, and the BC-614 is particularly nice looking.

PA coils included are 2 - 3.5 mHz, 3.5 - 4.5 mHz, 4.5 - 5.7 mHz, 5.7 - 11 mHz,11 - 14 mHz, and 14 - 18 mHz. As is generally true of coils this age, some of the coil holding plastic is crumbling, but using non-conductive epoxy glue usually solves the problem.

Though not clearly shown in the pictures, all tubes are included. You'll see the 250TH and two 100TH's in a box, along with two 2A3's.

Take a look here:

http://picasaweb. google.com/ radios4fun/ BC610#

What you see in the photo's is what is included, EXCEPT the BC-939 antenna tuner. I'll be selling the BC-939 separately.

The BC-610 is located in a storage unit in Greensboro, NC and the buyer must pick it up from there or make arrangements to have it picked up.

The BC-610 is for sale at $ 800 as is, where is. In other words, FOB Greensboro,NC.

I'd be happy to provide additional pictures or additional info; just let me know what you need. Offers are welcome, please send me an email.

I'm offering it to the T-368 BC-610 group first. If I don't hear from an interested buyer within 5 days, I'll put it on eBay.

Thanks in advance,

-Tom

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3496. Re: [T-368_BC-610] Re: BC-939 tag needed

Yahoo group: T-368_BC-610
Date: 2008-11-23 02:15:32 UTC
From: Keith Densmore
Topic: 3487  Message: 3496

Hello Roger,
Thank you for the kind offer, which I will be glad to take you up on.
I'll clean it up if possible or use it to make a replica.
My address is
Keith Densmore
164 Government Road
Val Rita ON
Canada
P0L 2G0

Let me know an amount and iif you are set up to take paypal.

Thanks again,
73, Keith ve3ts

----- Original Message -----
From: "g3vkm" <Roger@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Saturday, November 22, 2008 6:42 AM
Subject: [T-368_BC-610] Re: BC-939 tag needed

> --- In T-368_BC-610@yahoogroups.com, "Keith Densmore" <densmore@...>
> wrote:
>>
>> Hi All,
>> Almost finished a restoration of the BC-939 Antenna Tuner. But I'm
> missing
>> one ID tag the one on the left side upper. The one with a serial
> number. Any
>> out there in good condition or better?
>>
>> Thanks, 73,
>> Keith ve3ts
>>
>
> Hello Keith,
>
> I picked up a scrap Hallicrafters-made BC-939-A last year and it has a
> nameplate on it. It will need the black paint stripping and replacing
> but I think the lettering would remain legible if the cleaning process
> wasn't too severe.
>
> It's yours for the cost of postage from UK.
>
> 73
>

> Roger Basford, G3VKM
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 3497. Re: BC-939 tag needed

Yahoo group: T-368_BC-610
Date: 2008-11-23 10:35:44 UTC
From: g3vkm
Topic: 3487  Message: 3497

Hi Keith,

Reply sent by e-mail to you.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Keith Densmore" <densmore@...>
wrote:
>
> Hello Roger,
> Thank you for the kind offer, which I will be glad to take you up on.
> I'll clean it up if possible or use it to make a replica.
> My address is
> Keith Densmore
> 164 Government Road
> Val Rita ON
> Canada
> P0L 2G0
>
> Let me know an amount and iif you are set up to take paypal.
>
> Thanks again,
> 73, Keith ve3ts
>
> ----- Original Message -----
> From: "g3vkm" <Roger@...>
> To: <T-368_BC-610@yahoogroups.com>
> Sent: Saturday, November 22, 2008 6:42 AM
> Subject: [T-368_BC-610] Re: BC-939 tag needed
>
>
> > --- In T-368_BC-610@yahoogroups.com, "Keith Densmore" <densmore@>
> > wrote:
> >>
> >> Hi All,
> >> Almost finished a restoration of the BC-939 Antenna Tuner. But I'm
> > missing
> >> one ID tag the one on the left side upper. The one with a serial
> > number. Any
> >> out there in good condition or better?
> >>
> >> Thanks, 73,
> >> Keith ve3ts
> >>

> >
> > Hello Keith,
> >
> > I picked up a scrap Hallicrafters-made BC-939-A last year and it has a
> > nameplate on it. It will need the black paint stripping and replacing
> > but I think the lettering would remain legible if the cleaning process
> > wasn't too severe.
> >
> > It's yours for the cost of postage from UK.
> >
> > 73
> >
> > Roger Basford, G3VKM
> >
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
>

# 3498. OT: TS-11-L Handset

Yahoo group: T-368_BC-610
Date: 2008-11-24 10:04:07 UTC
From: g3vkm
Topic: 3498  Message: 3498

Hi All,

Sorry if this somewhat off-topic!

I recently found a TS-11-L handset to go with my BC-669-C. The handset seems to work but has a fairly weak audio level on the earpiece. Is there anyone on the group with a similar handset who could give me typical values for the resistances of the earpiece and mic, think the mic is carbon?

Also, there is some sort of paxolin (?) tubular attachment in-line near to the connecting plug, this is about 5 inches long by about 3/4" round and has a cable clamp at each end, I'm wondering what this is?

73

Roger/G3VKM - Norfolk, England.

# 3499. OT- N.O.S. PE-101-C Dynamotor?

Yahoo group: T-368_BC-610
Date: 2008-11-24 15:27:20 UTC
From: Trevor
Topic: 3499  Message: 3499

Hello all--

long story short, decades ago, when I was a kid and lived near Fort Monmouth Signal Corps HQ, and used to haunt a wondrous nearby radio supply (Atkinson & Smith) I ran across a new old stock PE-101-C Dynamotor.

Had no immediate need for it, but it was so pristine, and modestly priced that it followed me home and has followed me around ever since in a cardboard box. When I got it, it still had the seal wires on it, although as a kid, not knowing it might someday be scarce, I couldn't resist clipping them and looking at the insides. Has connector, which has never been soldered. I ran it once just to see it work.

Ran across the box again today and realized that I have been meaning to ask what system it goes to, and whether anyone is in need of one for a restoration project. Along with the PE-101-C it is also marked Wincharger 41s1 and has inputs at 13/26 V DC and outputs of 400V at t .135 Amp and 800V at .02 amp, plus 9 volts AVT, 80cps at 1.12 amps. It's still nearly spotless other than one ding on the underside that was there when I bought it, and does not really show or affect its function.

I like it enough as an historical ornament that I am not looking to send it away for $0, but if it has some value to someone in a way that would complete a restoration project, and met me a little revenue for some of my own projects, then I would be glad to see it go to a new "keeper" -especially if for someone else, it might be the key to completing a full set up of some family of equipment

73
Trevor
KD1YT

------- Original Message -------
From : g3vkm[mailto:Roger@...]
Sent : 11/24/2008 5:04:07 AM
To : T-368_BC-610@yahoogroups.com
Cc :
Subject : RE: [T-368_BC-610] OT: TS-11-L Handset

Hi All,

Sorry if this somewhat off-topic!

I recently found a TS-11-L handset to go with my BC-669-C. The handset

seems to work but has a fairly weak audio level on the earpiece. Is

there anyone on the group with a similar handset who could give me

typical values for the resistances of the earpiece and mic, think the

mic is carbon?

Also, there is some sort of paxolin (?) tubular attachment in-line

near to the connecting plug, this is about 5 inches long by about 3/4"

round and has a cable clamp at each end, I'm wondering what this is?

73

Roger/G3VKM - Norfolk, England.

# 3500. Meter terminal NUTS for BC 610E meters

Yahoo group: T-368_BC-610
Date: 2008-11-25 18:14:01 UTC
From: John King
Topic: 3500  Message: 3500

I am still looking for meter terminal nuts for my BC 610E. I have checked with fastener suppliers locally and they don't have them and don't know where I can find them. I believe they are 1/4 X 32.

Seems that the best chance of finding these nuts is to find some dead meters for the BC 610E lying around with available nuts for transplant.

If you have a quantity of OLD meters, I would appreciate you checking them to see if any have the 1/4 X 32 threads. The best bet is to find old BC 610E meters or old Hallicrafters meters.

I need several nuts to attach the wires to the terminals of my BC 610E. Your assistance will be greatly appreciated. I stand ready to purchase the old meters or the nuts from them. Thanks and 73, John, K5PGW

# 3501. 1/4 X 32 Brass Nuts

Yahoo group: T-368_BC-610
Date: 2008-11-25 22:54:44 UTC
From: John King
Topic: 3501  Message: 3501

Found them!!! Thanks for all the suggestions and assistance. 73, John, K5PGW

# 3502. Re: [T-368_BC-610] 1/4 X 32 Brass Nuts

Yahoo group: T-368_BC-610
Date: 2008-11-26 00:25:23 UTC
From: Geoff/W5OMR
Topic: 3501  Message: 3502

John King wrote:
> Found them!!! Thanks for all the suggestions and assistance. 73, John, K5PGW
>
>

Shoot, man - don't keep US in suspense.. WHERE did you find 'em?

Happy Thanksgiving to my American brethren.

--
73 = Best Regards,
-Geoff/W5OMR (/5 Houston)

# 3503. 1/4 X 32 Brass Nuts

Yahoo group: T-368_BC-610
Date: 2008-11-26 01:34:15 UTC
From: John King
Topic: 3503  Message: 3503

Geoff, I ordered them from McMaster-CARR at www.mcmaster.com. They had Brass ones in a bag of 10 for $1.92. I ordered two bags and hope they are what I need. 73, John, K5PGW

# 3504. Re: [T-368_BC-610] 1/4 X 32 Brass Nuts

Yahoo group: T-368_BC-610
Date: 2008-11-26 00:48:55 UTC
From: John King
Topic: 3501  Message: 3504

Geoff, I found the Brass nuts at www.mcmaster.com of McMaster-Carr. 73, John, K5PGW

--- On Tue, 11/25/08, Geoff/W5OMR <w5omr@...> wrote:
From: Geoff/W5OMR <w5omr@...>
Subject: Re: [T-368_BC-610] 1/4 X 32 Brass Nuts
To: T-368_BC-610@yahoogroups.com
Date: Tuesday, November 25, 2008, 3:25 PM

John King wrote:

> Found them!!! Thanks for all the suggestions and assistance. 73, John, K5PGW

>

>

Shoot, man - don't keep US in suspense.. WHERE did you find 'em?

Happy Thanksgiving to my American brethren.

--

73 = Best Regards,

-Geoff/W5OMR (/5 Houston)

# 3505. Re: [T-368_BC-610] 1/4 X 32 Brass Nuts

Yahoo group: T-368_BC-610
Date: 2008-11-26 04:02:47 UTC
From: Geoff/W5OMR
Topic: 3503  Message: 3505

John King wrote:
> Geoff, I ordered them from McMaster-CARR at www.mcmaster.com. They had Brass ones in a bag of 10 for $1.92. I ordered two bags and hope they are what I need. 73, John, K5PGW
>
>

Congrats! and, thanks for sharing the resource.

73

# 3506. BC-939 Message

Yahoo group: T-368_BC-610
Date: 2008-11-30 23:38:18 UTC
From: harold.hairston
Topic: 3506  Message: 3506

Tell me if I am right about this; about two weeks ago a seller posted a T-368 here. He said that he had a BC-939 but was selling it separately. I Emailed him abou the BC-939 but got no reply and now I can't find the message????

Harold

# 3507. Re: [T-368_BC-610] BC-939 Message

Yahoo group: T-368_BC-610
Date: 2008-11-30 23:57:12 UTC
From: Larry Godek
Topic: 3506  Message: 3507

The BC-939 was offered to a ham who needed a parts unit to complete his and that's what the fellow who offered it had.  The unit offered up was in England.  Postage would have ben quite high for a parts unit.

Larry
W0OGH

--- On Sun, 11/30/08, harold.hairston <harold.hairston@...> wrote:
From: harold.hairston <harold.hairston@...>
Subject: [T-368_BC-610] BC-939 Message
To: T-368_BC-610@yahoogroups.com
Date: Sunday, November 30, 2008, 4:38 PM

Tell me if I am right about this; about two weeks ago a seller posted

a T-368 here. He said that he had a BC-939 but was selling it

separately. I Emailed him abou the BC-939 but got no reply and now I

can't find the message????

Harold

[Non-text portions of this message have been removed]

# 3508. Re: [T-368_BC-610] BC-939 Message

Yahoo group: T-368_BC-610
Date: 2008-12-01 00:13:30 UTC
From: Tom
Topic: 3506  Message: 3508

Tom Bridgers
tarheel6@...
11-18-2008

harold.hairston wrote:
>
> Tell me if I am right about this; about two weeks ago a seller posted
> a T-368 here. He said that he had a BC-939 but was selling it
> separately. I Emailed him abou the BC-939 but got no reply and now I
> can't find the message????
>
> Harold
>
>

--
"They that would give up essential Liberty, to purchase
a little temporary Safety, deserve neither Liberty nor Safety."
Ben Franklin 1755

# 3509. Re: [T-368_BC-610] BC-939 Message

Yahoo group: T-368_BC-610
Date: 2008-12-01 01:59:41 UTC
From: W5OMR-Geoff
Topic: 3506  Message: 3509

harold.hairston wrote:
> Tell me if I am right about this; about two weeks ago a seller posted
> a T-368 here. He said that he had a BC-939 but was selling it
> separately. I Emailed him abou the BC-939 but got no reply and now I
> can't find the message????

You probably already have the answer to this, Harold... but I'd hate to
leave a rock unturned.

> tarheel6 (@) msn(.)com wrote: (remove obvious mail thwarting
procedure to reply to him directly)
> Whoever said, "Too many radios, not enough time" must have been looking at the radios that I have in storage. The time is now for me to realize I'll never get my BC-610 on the air, and so it's for sale.
>
> The is a BC-610-F made by Bogen. Included is a manual, 9 RF final coils, 7 ea tuning units, all tubes, 2 ea replacement HV caps (each 4 mfd @ 4000 volts), 6 ea tuning cards, BC-614 speech amplifier, power plug to 120 VAC, connecting cable from BC-610 to BC-614 (though the cable needs an octal plug at the BC-614 end). All in all this is a nice looking BC-610, and the BC-614 is particularly nice looking.
>
> PA coils included are 2 - 3.5 mHz, 3.5 - 4.5 mHz, 4.5 - 5.7 mHz, 5.7 - 11 mHz,11 - 14 mHz, and 14 - 18 mHz. As is generally true of coils this age, some of the coil holding plastic is crumbling, but using non-conductive epoxy glue usually solves the problem.
>
> Though not clearly shown in the pictures, all tubes are included. You'll see the 250TH and two 100TH's in a box, along with two 2A3's.
>
> Take a look here:
>
> http://picasaweb.google.com/radios4fun/BC610#
>
> What you see in the photo's is what is included, EXCEPT the BC-939 antenna tuner. I'll be selling the BC-939 separately.
>
> The BC-610 is located in a storage unit in Greensboro, NC and the buyer must pick it up from there or make arrangements to have it picked up.
>
> The BC-610 is for sale at $ 800 as is, where is. In other words, FOB Greensboro,NC.
>
> I'd be happy to provide additional pictures or additional info; just let me know what you need. Offers are welcome, please send me an email.
>
> I'm offering it to the T-368 BC-610 group first. If I don't hear from an interested buyer within 5 days, I'll put it on eBay.

> Thanks in advance,
>

The reason I could find this message, is because I've got Yahoo
delivering emails to my inbox in my mail client. Makes it -much- easier
to research something in the group.

--
73 = Best Regards,
Geoff/W5OMR (/5 Houston)

# 3510. Re: [T-368_BC-610] BC-939 Message

Yahoo group: T-368_BC-610
Date: 2008-12-01 02:09:47 UTC
From: Tom Bridgers
Topic: 3506  Message: 3510

Hi Harold,
Didn't you receive my reply?
I've just installed new email software (outlook vs outlook express) and it may not be working correctly.
Thanks,
-tom

----- Original Message -----
From: Tom
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, November 30, 2008 7:13 PM
Subject: Re: [T-368_BC-610] BC-939 Message

Tom Bridgers
tarheel6@...
11-18-2008

harold.hairston wrote:
>
> Tell me if I am right about this; about two weeks ago a seller posted
> a T-368 here. He said that he had a BC-939 but was selling it
> separately. I Emailed him abou the BC-939 but got no reply and now I
> can't find the message????
>
> Harold
>
>

--
"They that would give up essential Liberty, to purchase
a little temporary Safety, deserve neither Liberty nor Safety."
Ben Franklin 1755

[Non-text portions of this message have been removed]

# 3511. Re: [T-368_BC-610] BC-939 Message

Yahoo group: T-368_BC-610
Date: 2008-12-01 02:49:02 UTC
From: Geoff/W5OMR
Topic: 3506  Message: 3511

Tom Bridgers wrote:
> Hi Harold,
> Didn't you receive my reply?
> I've just installed new email software (outlook vs outlook express) and it may not be working correctly.
>
>

Do yourself a favor, Tom and fight vulnerabilities.
Get and install Mozilla Thunderbird instead of Outlook *anything*.

Just a suggestion.

-Geoff/W5OMR (/5 Houston)

# 3512. BC-939 Message

Yahoo group: T-368_BC-610
Date: 2008-12-01 04:32:53 UTC
From: harold.hairston
Topic: 3506  Message: 3512

Thanks to all who gave valuable info to me regarding this subject. I will get my act together soon. Harold

# 3513. T-368 Restorers and Paint Color

Yahoo group: T-368_BC-610
Date: 2008-12-04 23:46:44 UTC
From: harold.hairston
Topic: 3513  Message: 3513

Hello, Group;

The plan for my newly acquired T-3 is to determine what needs to be done to get it working, not concerned with cosmetics for now. However, I want to be able to farm-out some or all of the restoration work if need be. I wud like to get it om the air ASAP. Are there individuals who do this? Additionally, Can some one tell me the official T-368 paint color. Many thanks. Harold

# 3514. Looking for Choke L1

Yahoo group: T-368_BC-610
Date: 2008-12-05 02:18:34 UTC
From: John King
Topic: 3514  Message: 3514

The Choke L1 that is located on the exciter chassis of my BC 610E has lost its' "smoke" after the OOZE oozed out!!

The choke is a "reactor" with specs of 6 Henry @ 250 ma, and an impedance of 90 ohms enclosed in a metal case. Later BC 610 models F, G. H, and I have chokes with 2000 vdc rms test or insulation.

I would like to acquire the identical choke, but I may have to replace it with "something similar".

If you have a donor BC 610 with a good L1, please let me know and if it is for sale, I will purchase it.

If you know of a choke that will provide the specs, please let me know. If you will, please help me search for a replacement. The choke that is still in my transmitter measures roughly 3" W X 4.5" L X 4" tall.

My BC 610E is "dead in the water" and I need to find the Choke ASAP.

Your assistance will be greatly appreciated. Thanks and 73, John, K5PGW

# 3515. Choke for BC-610E

Yahoo group: T-368_BC-610
Date: 2008-12-05 04:31:34 UTC
From: John King
Topic: 3515  Message: 3515

I have located a 5 Hy choke at 300ma. and good for 800VDC. which is sufficient insulation for this bias supply in the BC 610E. It is smaller physically than the original and will fit nicely. i will just have to disassemble the BC 610E again and unhook and remove the exciter chassis from the transmitter again which is a pain you know where.

It is new and manufactured by Hammond mfg. which is a good company that makes good components. It is available from a Radio Supply house.

I am glad I found a source and if I haven't received a better lead by tomorrow, I will order this Hammond Choke.

Thanks for reading and looking. 73, John, K5PGW

# 3516. Email Difficulty

Yahoo group: T-368_BC-610
Date: 2008-12-07 17:09:28 UTC
From: harold.hairston
Topic: 3516  Message: 3516

Hello, Group I am having difficulty establishing a Yahoo Email Account. Apparently different from others. So, for now, any messages intended for me shud be left here or sent to my normal Email Account (K4HCA@...) Will advise when a Yahoo Account is established.
Regards, Harold

# 3517. Re: [T-368_BC-610] BC-939 Message

Yahoo group: T-368_BC-610
Date: 2008-12-08 00:35:25 UTC
From: Joe Foley
Topic: 3506  Message: 3517

Do yourself a favor, Tom and fight vulnerabilities.

Get and install Mozilla Thunderbird instead of Outlook *anything*.

Just a suggestion.

-Geoff/W5OMR (/5 Houston)++++++++++\Excellent advise!!
Joe

[Non-text portions of this message have been removed]

# 3518. Re: [T-368_BC-610] BC-939 Message

Yahoo group: T-368_BC-610
Date: 2008-12-08 00:43:09 UTC
From: wa5cab@cs.com
Topic: 3506  Message: 3518

Thunderbird is just another Outlook clone.

In a message dated 12/7/2008 6:35:49 PM Central Standard Time,
redmenaced@... writes:
> Do yourself a favor, Tom and fight vulnerabilities.
>
> Get and install Mozilla Thunderbird instead of Outlook *anything*.
>
>
>
> Just a suggestion.
>
>
>
> -Geoff/W5OMR (/5 Houston)++++++++++\Excellent advise!!
> Joe
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3519. For Sale: BC-939A Antenna Coupling Unit for the BC-610

Yahoo group: T-368_BC-610
Date: 2008-12-08 07:12:39 UTC
From: Rob Frohne
Topic: 3519  Message: 3519

Hi Everyone,

I have a BC-939A that I'd like to sell. It is missing the outer cover, but other than that is seems in remarkably good shape. Photos are available at:

http://swap.qth.com/view_ad.php?counter=703858

and I can get some more if you would like.

73,

Rob, KL7NA

--
Rob Frohne, Ph.D., P.E.
E.F. Cross School of Engineering
Walla Walla University
100 SW 4th Street
College Place, WA 99324
(509) 527-2075 http://people.walllawalla.edu/~rob.frohne

[Non-text portions of this message have been removed]

# 3520. Re: [T-368_BC-610] BC-939 Message

Yahoo group: T-368_BC-610
Date: 2008-12-08 02:23:07 UTC
From: Carl Whitaker
Topic: 3506  Message: 3520

wa5cab@... wrote:
>
>
> Thunderbird is just another Outlook clone.
>
> In a message dated 12/7/2008 6:35:49 PM Central Standard Time,
> redmenaced@... <mailto:redmenaced%40yahoo.com> writes:
> > Do yourself a favor, Tom and fight vulnerabilities.
> >
> > Get and install Mozilla Thunderbird instead of Outlook *anything*.
> >
> >
> >
> > Just a suggestion.
> >
> >
> >
> > -Geoff/W5OMR (/5 Houston)++++++++++\Excellent advise!!
> > Joe
> >
>
> Robert & Susan Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
> [Non-text portions of this message have been removed]
>
>
>
>
> ------------------------------------------------------------------------
>
>
> No virus found in this incoming message.
> Checked by AVG - http://www.avg.com
> Version: 8.0.176 / Virus Database: 270.9.15/1835 - Release Date: 12/7/2008 4:56 PM
>
No! It really is not.

Carl
W4RCW

# 3521. Re: [T-368_BC-610] Digest Number 1382

Yahoo group: T-368_BC-610
Date: 2008-12-10 21:49:06 UTC
From: Sam Cook
Topic: 3521  Message: 3521

Actually, it is a Spyglass/Netscape clone with origins at NCSA.
Personally, I use Seamonkey... another Mozilla project and NCSA/Netscape
clone.
Fully integrated mail & web browser version of the Thunderbird line.
http://www.seamonkey-project.org/
No heritage from Microsoft and I love it if for no other reason!
(And it is FREE)

Sam Cook, Milan, MO
Amateur Extra Class Radio Station AC?OK
ARES Official Emergency Station, Sullivan Co., MO
Military Affiliate Radio System (MARS) AAR7AO
FEMA IS-00100.a Certified
==========

T-368_BC-610@yahoogroups.com wrote:
> There is 1 message in this issue.
>
> Topics in this digest:
>
> 1a. Re: BC-939 Message
> From: Carl Whitaker
>
>
> Message
> ----------
> 1a. Re: BC-939 Message
> Posted by: "Carl Whitaker" w4rcw@... w4rcw
> Date: Tue Dec 9, 2008 6:34 pm ((PST))
>
> wa5cab@... wrote:
>>
>> Thunderbird is just another Outlook clone.
>>

# 3522. Re: BC-939 Message

Yahoo group: T-368_BC-610
Date: 2008-12-10 22:12:11 UTC
From: wa5cab@cs.com
Topic: 3506  Message: 3522

Actually, I wasn't referring to the code behind it, but to the gross aspects of the user interface. In several areas it, like all others I've looked at for an alternative to CS/AOL, are the same. Two-pane Windows Explorer style display (folder tree in left pane, one and only one folder contents in right), and the usual "none or all" options of what to include from the message you are replying to. The first is inefficient. The second is either aggravating to everyone else on the list, or inefficient (if the sender takes the time as Sam did to avoid the aggravation).

But what was the original BC-939 question? Did someone say they needed a BC-939 cover? I think I still have one, but am not certain whether it came off of a BC-939-A or -B. Not sure that matters, either.

In a message dated 12/10/2008 3:49:29 PM Central Standard Time,
postoffice@... writes:
> Actually, it is a Spyglass/Netscape clone with origins at NCSA.
> Personally, I use Seamonkey... another Mozilla project and NCSA/Netscape
> clone.
> Fully integrated mail &web browser version of the Thunderbird line.
> http://www.seamonkey-project.org/
> No heritage from Microsoft and I love it if for no other reason!
> (And it is FREE)
>
> Sam Cook, Milan, MO
> ==========
>
>
> T-368_BC-610@yahoogroups.com wrote:
> >Message
> >_____
> >1a. Re: BC-939 Message
> > Posted by: "Carl Whitaker" w4rcw@... w4rcw
> > Date: Tue Dec 9, 2008 6:34 pm ((PST))
> >
> >wa5cab@... wrote:
> >>
> >>Thunderbird is just another Outlook clone.
> >>
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3523. Re: [T-368_BC-610] Re: BC-939 Message

Yahoo group: T-368_BC-610
Date: 2008-12-10 22:46:36 UTC
From: Joe Foley
Topic: 3506  Message: 3523

I also have an extra cover but don't ask me which one it came from or goes to, it didn't fit my BC-339 and the cover I did find that does fit is the wrong color, so, like usual, I stand confused with TWO covers for,..... something!

Joe

--- On Wed, 12/10/08, wa5cab@... <wa5cab@...> wrote:
From: wa5cab@... <wa5cab@...>
Subject: [T-368_BC-610] Re: BC-939 Message
To: T-368_BC-610@yahoogroups.com
Date: Wednesday, December 10, 2008, 5:12 PM

Actually, I wasn't referring to the code behind it, but to the gross aspects

of the user interface. In several areas it, like all others I've looked at

for an alternative to CS/AOL, are the same. Two-pane Windows Explorer style

display (folder tree in left pane, one and only one folder contents in right),

and the usual "none or all" options of what to include from the message you are

replying to. The first is inefficient. The second is either aggravating to

everyone else on the list, or inefficient (if the sender takes the time as Sam

did to avoid the aggravation) .

But what was the original BC-939 question? Did someone say they needed a

BC-939 cover? I think I still have one, but am not certain whether it came off

of a BC-939-A or -B. Not sure that matters, either.

In a message dated 12/10/2008 3:49:29 PM Central Standard Time,

postoffice@ac0ok. net writes:

> Actually, it is a Spyglass/Netscape clone with origins at NCSA.

> Personally, I use Seamonkey... another Mozilla project and NCSA/Netscape

> clone.

> Fully integrated mail &web browser version of the Thunderbird line.

> http://www.seamonke y-project. org/

> No heritage from Microsoft and I love it if for no other reason!

> (And it is FREE)

>

> Sam Cook, Milan, MO

> ============ ========= ========= ========= ========= =

>

>

> T-368_BC-610@ yahoogroups. com wrote:

> >Message

> >_____ _____ _____ _____ _____ _____ __

> >1a. Re: BC-939 Message

> > Posted by: "Carl Whitaker" w4rcw@bellsouth. net w4rcw

> > Date: Tue Dec 9, 2008 6:34 pm ((PST))

> >

> >wa5cab@... wrote:

> >>

> >>Thunderbird is just another Outlook clone.

> >>

>

Robert Downs - Houston

wa5cab dot com (Web Store)

MVPA 9480

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3524. Re: [T-368_BC-610] Re: BC-939 Message

Yahoo group: T-368_BC-610
Date: 2008-12-10 23:04:50 UTC
From: wa5cab@cs.com
Topic: 3506  Message: 3524

Joe,

The one that's the right color but won't fit could be off of a TMC TAC-1. That's the only thing I can think of that's similar in size to the TN-339/GR and approximately the same color. If the other one that fits is black wrinkle, it's probably off of a BC-939. Or at least I was told by someone looking for a TN-339 cover that in a pinch he could use a BC-939 cover and repaint it. But this is hearsay. Although I have some of all three tuning units, I've never tried to swap covers between them.

In a message dated 12/10/2008 4:46:49 PM Central Standard Time,
redmenaced@... writes:
> I also have an extra cover but don't ask me which one it came from or goes
> to, it didn't fit my BC-339 and the cover I did find that does fit is the
> wrong color, so, like usual, I stand confused with TWO covers for,.......
> something!
>
> Joe
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3525. Re: [T-368_BC-610] Re: BC-939 Message

Yahoo group: T-368_BC-610
Date: 2008-12-10 23:37:28 UTC
From: Joe Foley
Topic: 3506  Message: 3525

I see, the only reason it didn't fit is because the latches didn't line up with the hooks. Yes, the one that does fit is black, but it is smooth black.

Joe

--- On Wed, 12/10/08, wa5cab@... <wa5cab@...> wrote:
From: wa5cab@... <wa5cab@...>
Subject: Re: [T-368_BC-610] Re: BC-939 Message
To: T-368_BC-610@yahoogroups.com
Date: Wednesday, December 10, 2008, 6:04 PM

Joe,

The one that's the right color but won't fit could be off of a TMC TAC-1.

That's the only thing I can think of that's similar in size to the TN-339/GR and

approximately the same color. If the other one that fits is black wrinkle,

it's probably off of a BC-939. Or at least I was told by someone looking for a

TN-339 cover that in a pinch he could use a BC-939 cover and repaint it. But

this is hearsay. Although I have some of all three tuning units, I've never

tried to swap covers between them.

In a message dated 12/10/2008 4:46:49 PM Central Standard Time,

redmenaced@yahoo. com writes:

> I also have an extra cover but don't ask me which one it came from or goes

> to, it didn't fit my BC-339 and the cover I did find that does fit is the

> wrong color, so, like usual, I stand confused with TWO covers for,.......

> something!

>

> Joe

>

Robert Downs - Houston

wa5cab dot com (Web Store)

MVPA 9480

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3526. Re: [T-368_BC-610] Re: BC-939 Message

Yahoo group: T-368_BC-610
Date: 2008-12-10 23:42:23 UTC
From: wa5cab@cs.com
Topic: 3506  Message: 3526

OK. The smooth black cover could have gone through overhaul in the 60's. If I recall correctly, one of the T-213's I had was wrinkle (and from the transformers started life as an -F), one was smooth and I can't remember about the third.

In a message dated 12/10/2008 5:37:49 PM Central Standard Time, redmenaced@... writes:
> I see, the only reason it didn't fit is because the latches didn't line up
> with the hooks. Yes, the one that does fit is black, but it is smooth black.
>
> Joe
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3527. Re: [T-368_BC-610] Re: BC-939 Message

Yahoo group: T-368_BC-610
Date: 2008-12-10 23:52:50 UTC
From: Joe Foley
Topic: 3506  Message: 3527

The unfortunate thing is that I got this out of a garbage can at the Rochester hamfest, I'd seen two complete units for $75 earlier in the day.  Someone evidently bought both and parted them out leaving the unwanted bones in the garbage!

What a way to get a needed part.

Joe

--- On Wed, 12/10/08, wa5cab@... <wa5cab@...> wrote:
From: wa5cab@... <wa5cab@...m>
Subject: Re: [T-368_BC-610] Re: BC-939 Message
To: T-368_BC-610@yahoogroups.com
Date: Wednesday, December 10, 2008, 6:42 PM

OK. The smooth black cover could have gone through overhaul in the 60's. If

I recall correctly, one of the T-213's I had was wrinkle (and from the

transformers started life as an -F), one was smooth and I can't remember about the

third.

[Non-text portions of this message have been removed]

# 3528. semi- OT- AN USM 338 O scope manual

Yahoo group: T-368_BC-610
Date: 2008-12-11 00:12:48 UTC
From: Trevor
Topic: 3528  Message: 3528

Hi all- not directly related to my T-3, but may some day help me get some of the quirks out of my T-3 and get it on the air (currently lacking free time as I change out my house's heating system to replace it with a wood gasification boiler)

I have had several oscilliscopes over the years, and at Dayton 07, lucked into a seemingly all-there and working AN USM 338. I think its civlian non-ruggedized sibling is an HP 1707B

all of my prior scopes have been retro in the extreme (Dumont 208B, etc) (wish I still had it, it was a beautiful piece of early electronic design), so, although I get the concepts of a lot of the features on the USM 338 (which are probably retro by standards of things out there new, now), it's too complicated to learn by fiddling and expect to really be making the most effective use of its features

I tried Googling in hopes of finding one on line, but no luck so far. Don't seem to find it on the BAMA either. Any chance anyone can point me to a link for an online copy? If not, is there one available from the wonder-trove of WA5CAB?

thanks & 73
Trevor
KD1YT

------- Original Message -------
From    : Joe Foley[mailto:redmenaced@...]
Sent    : 12/10/2008 6:52:50 PM
To      : T-368_BC-610@yahoogroups.com
Cc      :
Subject : RE: Re: [T-368_BC-610] Re: BC-939 Message

The unfortunate thing is that I got this out of a garbage can at the Rochester

hamfest, I'd seen two complete units for $75 earlier in the day.  Someone evidently bought

both and parted them out leaving the unwanted bones in the garbage!

What a way to get a needed part.

Joe

--- On Wed, 12/10/08, wa5cab@...  wrote:

From: wa5cab@...

Subject: Re: [T-368_BC-610] Re: BC-939 Message

To: T-368_BC-610@yahoogroups.com

Date: Wednesday, December 10, 2008, 6:42 PM

OK.  The smooth black cover could have gone through overhaul in the 60's.  If I recall correctly, one of the T-213's I had was wrinkle (and from the transformers started life as an -F), one was smooth and I can't remember about the third.

[Non-text portions of this message have been removed]

# 3529. Re: [T-368_BC-610] Re: BC-939 Message

Yahoo group: T-368_BC-610
Date: 2008-12-11 00:17:41 UTC
From: wa5cab@cs.com
Topic: 3506  Message: 3529

Ughh. And no thought to the fact that someone else might need parts he
didn't need.

In a message dated 12/10/2008 5:52:56 PM Central Standard Time,
redmenaced@... writes:
> The unfortunate thing is that I got this out of a garbage can at the
> Rochester hamfest, I'd seen two complete units for $75 earlier in the day. Someone
> evidently bought both and parted them out leaving the unwanted bones in the
> garbage!
>
> What a way to get a needed part.
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3530. Re: [T-368_BC-610] semi- OT- AN USM 338 O scope manual

Yahoo group: T-368_BC-610
Date: 2008-12-11 00:22:00 UTC
From: wa5cab@cs.com
Topic: 3528  Message: 3530

Sorry. For once, I came up blank.

In a message dated 12/10/2008 6:13:05 PM Central Standard Time,
kd1yt@... writes:
> I tried Googling in hopes of finding one on line, but no luck so far. Don't
> seem to find
> it on the BAMA either. Any chance anyone can point me to a link for an
> online copy? If
> not, is there one available from the wonder-trove of WA5CAB?

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3531. Re: [T-368_BC-610] Re: BC-939 Message

Yahoo group: T-368_BC-610
Date: 2008-12-11 00:50:28 UTC
From: Joe Foley
Topic: 3506  Message: 3531

Yup, exactly, but it IS kind of dangerous to dig in the garbage there, you might get hit in the head by something incoming.

Proper etiquette is to bang on the side of the can or dumpster before tossing.

Not only that but you have to beat Gene and Bruce to the pile.  Bruce is always trying to sell the stuff out of the pile, which isn't bad necessarily, but he SHOULD go retrieve the junque FIRST!!!  Just because someone shows interest in the pile is no reason to dicker a price.

Joe

--- On Wed, 12/10/08, wa5cab@... <wa5cab@...> wrote:
From: wa5cab@... <wa5cab@...>
Subject: Re: [T-368_BC-610] Re: BC-939 Message
To: T-368_BC-610@yahoogroups.com
Date: Wednesday, December 10, 2008, 7:17 PM

Ughh. And no thought to the fact that someone else might need parts he

didn't need.

[Non-text portions of this message have been removed]

# 3532. Re: [T-368_BC-610] Re: BC-939 Message

Yahoo group: T-368_BC-610
Date: 2008-12-11 00:54:51 UTC
From: wa5cab@cs.com
Topic: 3506  Message: 3532

Right. He could charge a little shipping for the retrieval. :-)

In a message dated 12/10/2008 6:50:46 PM Central Standard Time,
redmenaced@... writes:
> Yup, exactly, but it IS kind of dangerous to dig in the garbage there, you
> might get hit in the head by something incoming.
>
> Proper etiquette is to bang on the side of the can or dumpster before
> tossing.
>
> Not only that but you have to beat Gene and Bruce to the pile. Bruce is
> always trying to sell the stuff out of the pile, which isn't bad necessarily,
> but he SHOULD go retrieve the junque FIRST!!! Just because someone shows
> interest in the pile is no reason to dicker a price.
>
> Joe
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3533. Looking for a TMC TAC-1 Antenna Tuner / Coupler

Yahoo group: T-368_BC-610
Date: 2008-12-11 17:50:11 UTC
From: Gary Geissinger
Topic: 3533  Message: 3533

OMs,

I'm looking for a complete, working TMC TAC-1 Antenna Tuner / Coupler.

Cosmetics don't matter; I'm a user of gear like this and not a collector.

(I can't afford one of these in mint or restored condition anyway.)

73's,

Gary WA0SPM

[Non-text portions of this message have been removed]

# 3534. MRCG Field Day 2008 -- DVD Now Available

Yahoo group: T-368_BC-610
Date: 2008-12-12 04:02:54 UTC
From: w7qho@aol.com
Topic: 3534  Message: 3534

All,

A DVD is now available covering the 2008 MRCG Field Day event held on Nov, 1. 2008 at
Ft. MacArthur, San Pedro, CA.  Five bucks post paid first class mail -- check, MO, cash PayPal all OK.

The following also available:

MRCG 2008 Meeting, May 2008 at Camp San Luis Obispo, CA (one disk)
MRCG 2007 Meeting (2 DVD set)
MRCG 2007 Meeting (2 DVD Set)
First MRCG Meeting, May 1996 (3 DVD Set)
Massachusetts Museum Ships (one disk)

All $5 per disk post paid.  Discounts for multiple sets (inquire).

Dennis D. W7QHO
Glendale, CA

**********
Make your life easier with all your friends, email, and
favorite sites in one place. Try it now. (http://www.aol.com/?optin=new-dp&icid=aolcom40vanity&ncid=emlcntaolcom00000010)

[Non-text portions of this message have been removed]

# 3535. BC-610I 2A3 Tube Substitution

Yahoo group: T-368_BC-610
Date: 2008-12-12 04:46:02 UTC
From: n8zfm
Topic: 3535  Message: 3535

I need a pair of 2A3's and don't really like the idea of putting Chineese tubes in, and I can't really justify $100+++ each for a pair of real VT-95's so...

Has anyone tried using a 1619 with a base adaptor? I have seen some of the audio type guys using these instead of 45's (That's not a whole lot of endorsement, these guys spend $$$ for special wire that somehow "sounds better" but the specs do look quite similiar, and I would simply connect the 1619 as a triode) the price is still reasonable for a 1619, of course I would rather have a set of 2A3's but I want to use it not put it in a museum.
I was thinking of using an old 4pin base and putting an octal socket on top, that way its a plug in type deal without having to modify my 610 in case I find a pair at a hamfest that the audio guys have not snatched yet.

Good Idea? - Bad Idea? - Another tube better? - Anyone know where a pair of 2A3's can be found without having to spend the kid's college fund?

Heck from the prices I have seen on the bay I could sell my extremely weak pair of 2A3's for their weight in gold and be honest about the test results!

If I have un-intentionally insulted any audiophiles I apologize.

73 - Dave N8ZFM

# 3536. Re: [T-368_BC-610] BC-610I 2A3 Tube Substitution

Yahoo group: T-368_BC-610
Date: 2008-12-12 06:31:56 UTC
From: w7qho
Topic: 3535  Message: 3536

On Dec 11, 2008, at 8:46:02 PM, n8zfm <dave@...> wrote:
I need a pair of 2A3's and don't really like the idea of putting
Chineese tubes in, and I can't really justify $100+++ each for a pair
of real VT-95's so...

Just checked eBay and found MANY 2A3s there.  Most going for far less than $100 a pop....

--
Dennis D.  W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 3537. Re: BC-610I 2A3 Tube Substitution

Yahoo group: T-368_BC-610
Date: 2008-12-12 16:12:28 UTC
From: n8zfm
Topic: 3535  Message: 3537

True but its the ending price that's important. Seems that in the last 30sec everyone puts in their actual bid, if you bid a fair price ahead of time you just get out bid at the last second.

--- In T-368_BC-610@yahoogroups.com, w7qho <w7qho@...> wrote:
>
>
> On Dec 11, 2008, at 8:46:02 PM, n8zfm <dave@...> wrote:
> I need a pair of 2A3's and don't really like the idea of putting
> Chineese tubes in, and I can't really justify $100+++ each for a pair
> of real VT-95's so...
>
> Just checked eBay and found MANY 2A3s there.  Most going for far less than $100 a pop....
>
> --
> Dennis D.  W7QHO
> Glendale, CA
>
>
> [Non-text portions of this message have been removed]
>

# 3538. Re: [T-368_BC-610] Re: BC-610I 2A3 Tube Substitution

Yahoo group: T-368_BC-610
Date: 2008-12-12 16:41:33 UTC
From: w7qho
Topic: 3535  Message: 3538

On Dec 12, 2008, at 8:12:28 AM, n8zfm <dave@...> wrote:
True but its the ending price that's important. Seems that in the last 30sec everyone puts in their actual bid, if you bid a fair price ahead of time you just get out bid at the last second.
Dave,

Well, sure, but you win some, loose some.  Certain  "cult"  favorites go for high prices (single plate versions and certain manufacturers, for ex.) but other 2A3s that will work FB in the 610 are far more reasonable.  I have never had any trouble acquiring all the 801A, VT-4C  and VT-25 triodes (for ex) that I needed by hanging in the game or a while. And who knows, someone here in the group with a dozen extra spares might even cut loose a pair for you.

In any case, good luck!

--
Dennis D.  W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 3539. Re: BC-610I 2A3 Tube Substitution

Yahoo group: T-368_BC-610
Date: 2008-12-12 21:26:57 UTC
From: steve_n8ye
Topic: 3535  Message: 3539

Go for it! Someone said to connect the suppressor grid to the plate. Connect the screen to the plate through a 100 or 200 ohm resistor. You might post your results. It would be interesting.

73 Steve N8YE

(snip)
> I was thinking of using an old 4pin base and putting an octal socket
> on top, that way its a plug in type deal without having to modify my
> 610 in case I find a pair at a hamfest that the audio guys have not
> snatched yet.
>
> Good Idea? - Bad Idea? - Another tube better? - Anyone know where a
> pair of 2A3's can be found without having to spend the kid's college
> fund?
>
> Heck from the prices I have seen on the bay I could sell my extremely
> weak pair of 2A3's for their weight in gold and be honest about the
> test results!
>
> If I have un-intentionally insulted any audiophiles I apologize.
>
> 73 - Dave N8ZFM
>

# 3540. Re: [T-368_BC-610] BC-610I 2A3 Tube Substitution

Yahoo group: T-368_BC-610
Date: 2008-12-13 12:13:46 UTC
From: w5kgz@yahoo.com
Topic: 3535  Message: 3540

Dave I changed the sockets and added a 6.3 volt filament transformer and put in a couple of el34 triodes connected..all the specs are the same with 270 volts on the plate and screen the load imp. is 5000 ohms and they sound real good, as good as the 2A3s or better. They furnish about 14 watts drive for the 100ths more than needed by far so you have plenty of head room. Just a suggestion. I am sorry that I don't have any 2A3s I would be glad to send them to you free. Best of luck

frm Perry
W5kgzes

---
From: n8zfm <dave@...>
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, December 11, 2008 10:46:02 PM
Subject: [T-368_BC-610] BC-610I 2A3 Tube Substitution

I need a pair of 2A3's and don't really like the idea of putting Chineese tubes in, and I can't really justify $100+++ each for a pair of real VT-95's so...

Has anyone tried using a 1619 with a base adaptor? I have seen some of the audio type guys using these instead of 45's (That's not a whole lot of endorsement, these guys spend $$$ for special wire that somehow "sounds better" but the specs do look quite similiar, and I would simply connect the 1619 as a triode) the price is still reasonable for a 1619, of course I would rather have a set of 2A3's but I want to use it not put it in a museum.
I was thinking of using an old 4pin base and putting an octal socket on top, that way its a plug in type deal without having to modify my 610 in case I find a pair at a hamfest that the audio guys have not snatched yet.

Good Idea? - Bad Idea? - Another tube better? - Anyone know where a pair of 2A3's can be found without having to spend the kid's college fund?

Heck from the prices I have seen on the bay I could sell my extremely weak pair of 2A3's for their weight in gold and be honest about the test results!

If I have un-intentionally insulted any audiophiles I apologize.

73 - Dave N8ZFM

[Non-text portions of this message have been removed]

# 3541. Re: [SPAM]Re: [T-368_BC-610] BC-610I 2A3 Tube Substitution

Yahoo group: T-368_BC-610
Date: 2008-12-13 12:57:57 UTC
From: Alan Morriss
Topic: 3541  Message: 3541

hello guys, what is wrong with chinese tubes ? i found that the russian 813s give more rf than the old rca ones, and i use them in the pa of my 53 transmitter. this was produced in this country to replace the bc 610. i get about 15 watts more out. the newer ones probably have a higher vacuum. cheers, alan g4gen
----- Original Message -----
From: w5kgz@...
To: T-368_BC-610@yahoogroups.com
Sent: Saturday, December 13, 2008 12:13 PM
Subject: [SPAM]Re: [T-368_BC-610] BC-610I 2A3 Tube Substitution

Dave I changed the sockets and added a 6.3 volt filament transformer and put in a couple of el34 triodes connected..all the specs are the same with 270 volts on the plate and screen the load imp. is 5000 ohms and they sound real good, as good as the 2A3s or better. They furnish about 14 watts drive for the 100ths more than needed by far so you have plenty of head room. Just a suggestion. I am sorry that I don't have any 2A3s I would be glad to send them to you free. Best of luck

frm Perry
W5kgzes

_____
From: n8zfm <dave@...>
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, December 11, 2008 10:46:02 PM
Subject: [T-368_BC-610] BC-610I 2A3 Tube Substitution

I need a pair of 2A3's and don't really like the idea of putting
Chineese tubes in, and I can't really justify $100+++ each for a pair
of real VT-95's so...

Has anyone tried using a 1619 with a base adaptor? I have seen some
of the audio type guys using these instead of 45's (That's not a
whole lot of endorsement, these guys spend $$$ for special wire that
somehow "sounds better" but the specs do look quite similiar, and I
would simply connect the 1619 as a triode) the price is still
reasonable for a 1619, of course I would rather have a set of 2A3's
but I want to use it not put it in a museum.
I was thinking of using an old 4pin base and putting an octal socket
on top, that way its a plug in type deal without having to modify my
610 in case I find a pair at a hamfest that the audio guys have not
snatched yet.

Good Idea? - Bad Idea? - Another tube better? - Anyone know where a
pair of 2A3's can be found without having to spend the kid's college
fund?

Heck from the prices I have seen on the bay I could sell my extremely weak pair of 2A3's for their weight in gold and be honest about the test results!

If I have un-intentionally insulted any audiophiles I apologize.

73 - Dave N8ZFM

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3542. Re: [T-368_BC-610] Re: BC-939 Message

Yahoo group: T-368_BC-610
Date: 2008-12-10 23:48:28 UTC
From: Rob Frohne
Topic: 3506  Message: 3542

Hi Robert, et. al.,

I have a BC-939A that is missing the cover. I'd like to sell it, and I suppose whoever would buy it might want a cover. If I can't find someone who wants to purchase it, I will be tempted to use the wonderful roller inductors in another project. :-) I think a collector would appreciate this one though, and so I have resisted the temptation so far.

73,

Rob, KL7NA

wa5cab@... wrote:
>
> Actually, I wasn't referring to the code behind it, but to the gross
> aspects
> of the user interface. In several areas it, like all others I've
> looked at
> for an alternative to CS/AOL, are the same. Two-pane Windows Explorer
> style
> display (folder tree in left pane, one and only one folder contents in
> right),
> and the usual "none or all" options of what to include from the
> message you are
> replying to. The first is inefficient. The second is either
> aggravating to
> everyone else on the list, or inefficient (if the sender takes the
> time as Sam
> did to avoid the aggravation).
>
> But what was the original BC-939 question? Did someone say they needed a
> BC-939 cover? I think I still have one, but am not certain whether it
> came off
> of a BC-939-A or -B. Not sure that matters, either.
>
> In a message dated 12/10/2008 3:49:29 PM Central Standard Time,
> postoffice@... <mailto:postoffice%40ac0ok.net> writes:
> > Actually, it is a Spyglass/Netscape clone with origins at NCSA.
> > Personally, I use Seamonkey... another Mozilla project and
> NCSA/Netscape
> > clone.
> > Fully integrated mail &web browser version of the Thunderbird line.
> > http://www.seamonkey-project.org/ <http://www.seamonkey-project.org/>
> > No heritage from Microsoft and I love it if for no other reason!
> > (And it is FREE)
> >

> > Sam Cook, Milan, MO
> > ==========
> >
> >
> > T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> wrote:
> > >Message
> > >_____
> > >1a. Re: BC-939 Message
> > > Posted by: "Carl Whitaker" w4rcw@...
> <mailto:w4rcw%40bellsouth.net> w4rcw
> > > Date: Tue Dec 9, 2008 6:34 pm ((PST))
> > >
> > >wa5cab@... <mailto:wa5cab%40cs.com> wrote:
> > >>
> > >>Thunderbird is just another Outlook clone.
> > >>
> >
>
> Robert Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
> [Non-text portions of this message have been removed]
>
>

# 3543. HT-4B

Yahoo group: T-368_BC-610
Date: 2008-12-21 20:08:26 UTC
From: Barrie Smith
Topic: 3543  Message: 3543

I'm having some modulation problems with my HT-4B.

On the air reports state that I've got lots of RF, but very weak and distorted audio.

I get no audio at all when using the BC-614, so I'm using a 600 ohm amplifier.

I've not used the transmitter for several years, so an electrolytiic could have gone bad during that time. Although, no one has indicated that I have hum on my signal.

I remember that the modulation meter used to move up and down rather smoothly when I spoke. Now, it is either at idle current, or jumps up very high and quickly.

In an effort to isolate the problem, I'm thinking of coupling the 600 ohm speech amp to the grids of the 100THs. If I get good modulation under those circumstances I'd know the problem is in the 2A3 stage.

My problem is that I don't know what transformer to use, or where to get it.

Any help finding the correct transformer, or any other ideas resulting in a fix greatly appreciated.

73, Barrie, W7ALW

[Non-text portions of this message have been removed]

# 3544. Re: [T-368_BC-610] HT-4B

Yahoo group: T-368_BC-610
Date: 2008-12-22 12:32:56 UTC
From: Geoff/W5OMR
Topic: 3543  Message: 3544

Barrie Smith wrote:
> I'm having some modulation problems with my HT-4B.
>
> On the air reports state that I've got lots of RF, but very weak and distorted audio.
>
> I get no audio at all when using the BC-614, so I'm using a 600 ohm amplifier.
>
> I've not used the transmitter for several years, so an electrolytiic could have gone bad during that time. Although, no one has indicated that I have hum on my signal.
>
> I remember that the modulation meter used to move up and down rather smoothly when I spoke. Now, it is either at idle current, or jumps up very high and quickly.
>
> In an effort to isolate the problem, I'm thinking of coupling the 600 ohm speech amp to the grids of the 100THs. If I get good modulation under those circumstances I'd know the problem is in the 2A3 stage.
>
> My problem is that I don't know what transformer to use, or where to get it.
>
> Any help finding the correct transformer, or any other ideas resulting in a fix greatly appreciated.
>
> 73, Barrie, W7ALW
>

I think I'd start by checking the microphone wiring. Look for the
simple things, first.

Since it's been a while since you had the rig on the air, maybe the
contacts on the relay need a little cleaning.
Solder connections become old and cold.

But, if you want to try the outboard audio route, there's an excellent
page on arriving at the best possible solution for driving a pair of
triodes in Class B. Read all about it at
http://www.qsl.net/wa5bxo/driver1.html

73 es Merry Christmas
de Geoff/W5OMR (/5 Houston)

# 3545. Re: [T-368_BC-610] HT-4B

Yahoo group: T-368_BC-610
Date: 2008-12-23 16:09:34 UTC
From: w5kgz@yahoo.com
Topic: 3543  Message: 3545

Hi Berry you might try putting a transformer grid to grid on the 100th with a secondary imp of 8 ohmes or there abouit and monitor it with a speaker or earfones and see is it is distorted or sounds ok. that would help you isolate the problem..check the bias on the 100th and be sure it is set about 45 ma...there is little or nothing in the 2a3 circuit that wuld cause the problem except for a cathode resistor or bypass to be opening up...you might remove the 2A3 from one socket and measure the resistance from one side of the fil. to ground and see is it reads about 750 ohms.. Lots of luck and please let me know what the outcome of all the suggestions...Ha  God Bless
Perry
W5KGZ
PS FORBID IT BUT IT CUD BE THE MOD XFORMER I HAD A PROBLEM MUCH LIKE THAT AND IT WAS ONE SIDE OF THE PRIMARY OOPENING UP

---
From: Barrie Smith <barrie@...>
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, December 21, 2008 2:08:26 PM
Subject: [T-368_BC-610] HT-4B

I'm having some modulation problems with my HT-4B.

On the air reports state that I've got lots of RF, but very weak and distorted audio.

I get no audio at all when using the BC-614, so I'm using a 600 ohm amplifier.

I've not used the transmitter for several years, so an electrolytiic could have gone bad during that time. Although, no one has indicated that I have hum on my signal.

I remember that the modulation meter used to move up and down rather smoothly when I spoke. Now, it is either at idle current, or jumps up very high and quickly.

In an effort to isolate the problem, I'm thinking of coupling the 600 ohm speech amp to the grids of the 100THs. If I get good modulation under those circumstances I'd know the problem is in the 2A3 stage.

My problem is that I don't know what transformer to use, or where to get it.

Any help finding the correct transformer, or any other ideas resulting in a fix greatly appreciated.

73, Barrie, W7ALW

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3546. Re: [T-368_BC-610] HT-4B

Yahoo group: T-368_BC-610
Date: 2008-12-28 02:58:27 UTC
From: w5kgz@yahoo.com
Topic: 3543  Message: 3546

yOU WOULD NEED A LINE TO CLASS B GRIDS  600 OHM LINE  TO 4K OR  THERE ABOUTS //wHERE YOU CULD GET ONE I DO NOT KNOW MAYBE W5OMR MIHT HAVE A SUGGESTION.. I WILL SEND YOU A DEVICE THAT WILL DO THE JOB OEVER IN A SCHEMATIC FORM....STAND BY

---

From: Barrie Smith <barrie@...>
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, December 21, 2008 2:08:26 PM
Subject: [T-368_BC-610] HT-4B

I'm having some modulation problems with my HT-4B.

On the air reports state that I've got lots of RF, but very weak and distorted audio.

I get no audio at all when using the BC-614, so I'm using a 600 ohm amplifier.

I've not used the transmitter for several years, so an electrolytiic could have gone bad during that time. Although, no one has indicated that I have hum on my signal.

I remember that the modulation meter used to move up and down rather smoothly when I spoke. Now, it is either at idle current, or jumps up very high and quickly.

In an effort to isolate the problem, I'm thinking of coupling the 600 ohm speech amp to the grids of the 100THs. If I get good modulation under those circumstances I'd know the problem is in the 2A3 stage.

My problem is that I don't know what transformer to use, or where to get it.

Any help finding the correct transformer, or any other ideas resulting in a fix greatly appreciated.

73, Barrie, W7ALW

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3547. Re: [T-368_BC-610] HT-4B

Yahoo group: T-368_BC-610
Date: 2008-12-28 05:30:50 UTC
From: Geoff/W5OMR
Topic: 3543  Message: 3547

w5kgz@... wrote:
> yOU WOULD NEED A LINE TO CLASS B GRIDS 600 OHM LINE TO 4K OR THERE ABOUTS //wHERE YOU CULD GET ONE I DO NOT KNOW MAYBE W5OMR MIHT HAVE A SUGGESTION.. I WILL SEND YOU A DEVICE THAT WILL DO THE JOB OEVER IN A SCHEMATIC FORM....STAND BY
>
>
>
>
>

Hammond has a line of Transformers that would work in such an application. I don't have that link handy, though.

--
73 = Best Regards,
-Geoff/W5OMR (/5 Houston)

# 3548. Re: [T-368_BC-610] HT-4B

Yahoo group: T-368_BC-610
Date: 2008-12-28 13:47:30 UTC
From: John King
Topic: 3543  Message: 3548

Radio Daze in New York ( www.radiodaze.com)  sells the Hammond line. I just bought a Choke for the exciter pwr supply in my BC 610E from them. Also Antique Radio (www.tubesandmore.com)  sells the Hammond line.

It  took Radio Daze about 10 days  to get the choke from Hammond, but it is new and beautiful. I am told that Hammond does great work. 73, John, K5PGW

--- On Sat, 12/27/08, Geoff/W5OMR <w5omr@...> wrote:
From: Geoff/W5OMR <w5omr@...>
Subject: Re: [T-368_BC-610] HT-4B
To: T-368_BC-610@yahoogroups.com
Date: Saturday, December 27, 2008, 8:30 PM

w5kgz@yahoo. com wrote:

> yOU WOULD NEED A LINE TO CLASS B GRIDS 600 OHM LINE TO 4K OR THERE ABOUTS //wHERE YOU CULD GET ONE I DO NOT KNOW MAYBE W5OMR MIHT HAVE A SUGGESTION.. I WILL SEND YOU A DEVICE THAT WILL DO THE JOB OEVER IN A SCHEMATIC FORM....STAND BY

>

>

>

>

>

Hammond has a line of Transformers that would work in such an

application. I don't have that link handy, though.

--

73 = Best Regards,

-Geoff/W5OMR (/5 Houston)

[Non-text portions of this message have been removed]

# 3549. Re: [T-368_BC-610] HT-4B

Yahoo group: T-368_BC-610
Date: 2008-12-29 21:40:57 UTC
From: w5kgz@yahoo.com
Topic: 3543  Message: 3549

I TINK HIS TROUBLES ARE IN THE MOD XFORMER I HAD A TROUBLE ARRISE LIKE THAT AND THE PRIMARY HAD ONE SIDE OPENING INTERMITINGLY .. ANOTHER XFORMER CURED THAT...I WOULD NOT SUGGEST THAT ANYONE USE A ORIGINAL MOD XFORMER  UNLESS IT HAS BEEN REWOUND THAT IS A WEAK LINK  THE ONE I AM USING NOW IS A GOOD REPLACEMENT CAN'T RUN FULL POWER BUT WHO CARES IT DOES PLENTY GOOD JOB...AT 240 WATTS CARRIER.  BEST TO YOU GEOFF...

---
From: Geoff/W5OMR <w5omr@...>
To: T-368_BC-610@yahoogroups.com
Sent: Saturday, December 27, 2008 11:30:50 PM
Subject: Re: [T-368_BC-610] HT-4B

w5kgz@yahoo. com wrote:
> yOU WOULD NEED A LINE TO CLASS B GRIDS 600 OHM LINE TO 4K OR THERE ABOUTS //wHERE YOU CULD GET ONE I DO NOT KNOW MAYBE W5OMR MIHT HAVE A SUGGESTION.. I WILL SEND YOU A DEVICE THAT WILL DO THE JOB OEVER IN A SCHEMATIC FORM....STAND BY
>
>
>
>
>

Hammond has a line of Transformers that would work in such an
application. I don't have that link handy, though.

--
73 = Best Regards,
-Geoff/W5OMR (/5 Houston)

[Non-text portions of this message have been removed]

# 3550. Re: [T-368_BC-610] HT-4B

Yahoo group: T-368_BC-610
Date: 2009-01-08 01:41:16 UTC
From: Barrie Smith
Topic: 3543  Message: 3550

Thanks for the continued interest in my problems, but I think I've finally got most, if not all, of the bugs out of my Hallicrafters HT-4B. On-the-air reports, on 75M and 160M, say that the rig sounds very good.

I don't know for sure what I did that fixed things, but I did a lot of contact cleaning. I especially noticed that all the connections to the modulation transformer were loose.

I took all the terminal ends off and noticed that there was a lot of grunge on them. I wire brushed both the terminals and the studs. I also cleaned the 100TH plate cap connectors.

Somewhere along the line, while testing, a couple of hams on 75M, here in the pacific northwest, told me the rig sounded very good.

Now, In order to "guild the lilly", I'm going to install an outboard modulation reactor.

The one I'm going to use is out of a Gates 250GY. According to the Gates manual, that transmitter drew approximately 267 ma of plate current, CCS.

My HT-4B draws, at most, 250 ma of plate current, and that's ICAS. So, I'm thinking that I should be OK as far as current-carrying capacity.

I'm a bit concerned that the resistance is 223 ohms. That seems to be a bit much for a CCS, HV choke.

I plan on Hipotting the choke. The Gates ran 1350 volts on the plate, while I will be running 2000 volts.

What would be a good upper-limit Hipot voltage (my hipot is DC)?

On my inductance meter the choke measures 75 henries. A replacement choke listed in the Peter Dahl catalog is stated to be 65 henries. I think that's closer to correct and may be an "under load" figure.

I plan on using a 4 mfd @ 10,000 volt oil cap in conjunction with the reactor.

Also, the choke terminals are marked "B" on one, and "RF" on the other. Is "B" the "B+" terminal, and "RF" the terminal that would go the the plate of the 250TH?

Same problem with the HT-4B modulation transformer, in that one terminal (on the primary side) is marked "B", and the other is marked "P". "B" is B+? "P" is plate?

Other than watching out for sparks, are there any words of wisdom regarding my grand plan?

73, Barrie, W7ALW

[Non-text portions of this message have been removed]

# 3551. Re: [T-368_BC-610] HT-4B

Yahoo group: T-368_BC-610
Date: 2009-01-08 01:45:51 UTC
From: Geoff/W5OMR
Topic: 3543  Message: 3551

w5kgz@... wrote:
> I TINK HIS TROUBLES ARE IN THE MOD XFORMER I HAD A TROUBLE ARRISE LIKE THAT AND THE PRIMARY HAD ONE SIDE OPENING INTERMITINGLY .. ANOTHER XFORMER CURED THAT...I WOULD NOT SUGGEST THAT ANYONE USE A ORIGINAL MOD XFORMER UNLESS IT HAS BEEN REWOUND THAT IS A WEAK LINK THE ONE I AM USING NOW IS A GOOD REPLACEMENT CAN'T RUN FULL POWER BUT WHO CARES IT DOES PLENTY GOOD JOB...AT 240 WATTS CARRIER. BEST TO YOU GEOFF...
>
>
>

Thanks, Perry.

# 3552. Need Advice on Restoring Some Electronics

Yahoo group: T-368_BC-610
Date: 2009-01-15 21:38:32 UTC
From: Gary Geissinger
Topic: 3552  Message: 3552

Gentlemen,

While this isn't a T-368, I bet there are several who can help me with this.  Well, last night a friend brought over an EAC R-390A receiver to my ham shack.  The good news is that the original (ham) owner took immaculate care of the receiver; it must have been in mint condition when he received it.  The bad news is that when the original owner passed away, the receiver got put into someones garage.  It appears that mice lived in it for an extended time, but not recently.

1.  The crystal oscillator deck is probably beyond help; I can get a replacement.
2.  The RF deck was so cramped that the mice couldn't get near the slugs rack; but tube sockets are a mess.
3.  Harness is really a mess.
4.  The bottom deck is perfect.

So I can see several paths here.

1.  Throw it away (my wife really went non-linear over all this...her preference.)
2.  Take a few parts out to clean and keep.
3.  Keep the whole things and take parts out when I need them to repair my other EAC R-390A.
4.  Attempt to restore it as best I can.  (I'm probably going to try this....at least at first.)

There are issues.

1.  Health (Hantavirus and others)
2.  Corrosion
3.  Parts Availability
4.  Cleaning, Lubrication, Stabilizing.

If anyone has some suggestions or suggested references I love a few right now.  Or frankly, what would you do in this case?  I will say that I nearly cried when I took the covers off...really.  It looked so nice...on the outside.

73's,

Gary WA0SPM

[Non-text portions of this message have been removed]

# 3553. Re: [T-368_BC-610] Need Advice on Restoring Some Electronics

Yahoo group: T-368_BC-610
Date: 2009-01-15 22:20:24 UTC
From: wf2u@ws19ops.com
Topic: 3552  Message: 3553

Gary,

Go to the R390 list in Yahoo Groups, subscribe there - it's a great
resource for the R-390 and R-390A issues. You'll find the list very
helpful.

73, Meir WF2U

Quoting Gary Geissinger <geissingergary@...>:

> Gentlemen,
>
> While this isn't a T-368, I bet there are several who can help me
> with this.  Well, last night a friend brought over an EAC R-390A
> receiver to my ham shack.  The good news is that the original (ham)
> owner took immaculate care of the receiver; it must have been in
> mint condition when he received it.  The bad news is that when the
> original owner passed away, the receiver got put into someones
> garage.  It appears that mice lived in it for an extended time, but
> not recently.
>
> 1.  The crystal oscillator deck is probably beyond help; I can get a
> replacement.
> 2.  The RF deck was so cramped that the mice couldn't get near the
> slugs rack; but tube sockets are a mess.
> 3.  Harness is really a mess.
> 4.  The bottom deck is perfect.
>
> So I can see several paths here.
>
> 1.  Throw it away (my wife really went non-linear over all
> this...her preference.)
> 2.  Take a few parts out to clean and keep.
> 3.  Keep the whole things and take parts out when I need them to
> repair my other EAC R-390A.
> 4.  Attempt to restore it as best I can.  (I'm probably going to try
> this....at least at first.)
>
> There are issues.
>
> 1.  Health (Hantavirus and others)
> 2.  Corrosion
> 3.  Parts Availability
> 4.  Cleaning, Lubrication, Stabilizing.
>
> If anyone has some suggestions or suggested references I love a few

> right now.  Or frankly, what would you do in this case?  I will say
> that I nearly cried when I took the covers off...really.  It looked
> so nice...on the outside.
>
> 73's,
>
> Gary WA0SPM
>
>
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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# 3554. Re: [T-368_BC-610] Need Advice on Restoring Some Electronics

Yahoo group: T-368_BC-610
Date: 2009-01-16 00:27:05 UTC
From: Joe Foley
Topic: 3552  Message: 3554

No, Meir!

The R390 list on Yahoogroups hasn't had any posts in EIGHT YEARS!!

I hope you mean the R-390 list on the QTH.com site.

Joe

--- On Thu, 1/15/09, wf2u@... <wf2u@...> wrote:
From: wf2u@ws19ops.com <wf2u@...>
Subject: Re: [T-368_BC-610] Need Advice on Restoring Some Electronics
To: T-368_BC-610@yahoogroups.com, "Gary Geissinger" <geissingergary@...>
Date: Thursday, January 15, 2009, 5:20 PM

Gary,

Go to the R390 list in Yahoo Groups, subscribe there - it's a great

resource for the R-390 and R-390A issues. You'll find the list very

helpful.

73, Meir WF2U

Quoting Gary Geissinger <geissingergary@ yahoo.com>:

> Gentlemen,

>

> While this isn't a T-368, I bet there are several who can help me

> with this.  Well, last night a friend brought over an EAC R-390A

> receiver to my ham shack.  The good news is that the original (ham)

> owner took immaculate care of the receiver; it must have been in

> mint condition when he received it.  The bad news is that when the

> original owner passed away, the receiver got put into someones

> garage.  It appears that mice lived in it for an extended time, but

> not recently.

>

> 1.  The crystal oscillator deck is probably beyond help; I can get a

> replacement.

> 2.  The RF deck was so cramped that the mice couldn't get near the

> slugs rack; but tube sockets are a mess.

> 3.  Harness is really a mess.

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> this...her preference.)

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> repair my other EAC R-390A.

> 4.  Attempt to restore it as best I can.  (I'm probably going to try

> this....at least at first.)

>

> There are issues.

>

> 1.  Health (Hantavirus and others)

> 2.  Corrosion

> 3.  Parts Availability

> 4.  Cleaning, Lubrication, Stabilizing.

>

> If anyone has some suggestions or suggested references I love a few

> right now.  Or frankly, what would you do in this case?  I will say

> that I nearly cried when I took the covers off...really.  It looked

> so nice...on the outside.

>

> 73's,

>

> Gary WA0SPM

>

>

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> [Non-text portions of this message have been removed]

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> Yahoo! Groups Links

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# 3555. Re: [T-368_BC-610] Need Advice on Restoring Some Electronics

Yahoo group: T-368_BC-610
Date: 2009-01-16 00:31:04 UTC
From: Joe Foley
Topic: 3552  Message: 3555

Ha!  No doubt about it, complete restoration is the ONLY acceptable course of action here.

Joe

--- On Thu, 1/15/09, Gary Geissinger <geissingergary@...> wrote:
From: Gary Geissinger <geissingergary@...>
Subject: [T-368_BC-610] Need Advice on Restoring Some Electronics
To: T-368_BC-610@yahoogroups.com
Date: Thursday, January 15, 2009, 4:38 PM

Gentlemen,

While this isn't a T-368, I bet there are several who can help me with this.  Well, last night a friend brought over an EAC R-390A receiver to my ham shack.  The good news is that the original (ham) owner took immaculate care of the receiver; it must have been in mint condition when he received it.  The bad news is that when the original owner passed away, the receiver got put into someones garage.  It appears that mice lived in it for an extended time, but not recently.

1.  The crystal oscillator deck is probably beyond help; I can get a replacement.

2.  The RF deck was so cramped that the mice couldn't get near the slugs rack; but tube sockets are a mess.

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4.  The bottom deck is perfect.

So I can see several paths here.

1.  Throw it away (my wife really went non-linear over all this...her preference.)

2.  Take a few parts out to clean and keep.

3.  Keep the whole things and take parts out when I need them to repair my other EAC R-390A.

4.  Attempt to restore it as best I can.  (I'm probably going to try this....at least at first.)

There are issues.

1.  Health (Hantavirus and others)

2.  Corrosion

3.  Parts Availability

4.  Cleaning, Lubrication, Stabilizing.

If anyone has some suggestions or suggested references I love a few right now.  Or frankly, what would you do in this case?  I will say that I nearly cried when I took the covers off...really.  It looked so nice...on the outside.

73's,

Gary WA0SPM

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3556. Re: [T-368_BC-610] Need Advice on Restoring Some Electronics

Yahoo group: T-368_BC-610
Date: 2009-01-16 23:30:31 UTC
From: Gary Geissinger
Topic: 3552  Message: 3556

Well, I just spent $200.00 on parts and other supplies to begin the restoration process. So much for a "free" radio, but it will be worth it if I can pull it off.

Gary

---
From: Joe Foley <redmenaced@...>
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, January 15, 2009 5:31:04 PM
Subject: Re: [T-368_BC-610] Need Advice on Restoring Some Electronics

Ha!  No doubt about it, complete restoration is the ONLY acceptable course of action here.

Joe

--- On Thu, 1/15/09, Gary Geissinger <geissingergary@...> wrote:
From: Gary Geissinger <geissingergary@...>
Subject: [T-368_BC-610] Need Advice on Restoring Some Electronics
To: T-368_BC-610@yahoogroups.com
Date: Thursday, January 15, 2009, 4:38 PM

Gentlemen,

While this isn't a T-368, I bet there are several who can help me with this.  Well, last night a friend brought over an EAC R-390A receiver to my ham shack.  The good news is that the original (ham) owner took immaculate care of the receiver; it must have been in mint condition when he received it.  The bad news is that when the original owner passed away, the receiver got put into someones garage.  It appears that mice lived in it for an extended time, but not recently.

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There are issues.

1.  Health (Hantavirus and others)

2.  Corrosion

3.  Parts Availability

4.  Cleaning, Lubrication, Stabilizing.

If anyone has some suggestions or suggested references I love a few right now.  Or frankly, what would you do in this case?  I will say that I nearly cried when I took the covers off...really.  It looked so nice...on the outside.

73's,

Gary WA0SPM

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[Non-text portions of this message have been removed]

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Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 3557. Re: [T-368_BC-610] Need Advice on Restoring Some Electronics

Yahoo group: T-368_BC-610
Date: 2009-01-17 00:34:20 UTC
From: Joe Foley
Topic: 3552  Message: 3557

It shouldn't be too bad.  You should get on the R-390 mailing list so you can download the updated manual, a LOT of work went into it, complete with pictures, etc.  The manual is worth the download time just for the pictures!

The talent pool is HUGE there and they are very helpful.

Joe

--- On Fri, 1/16/09, Gary Geissinger <geissingergary@...> wrote:
From: Gary Geissinger <geissingergary@...>
Subject: Re: [T-368_BC-610] Need Advice on Restoring Some Electronics
To: T-368_BC-610@yahoogroups.com
Date: Friday, January 16, 2009, 6:30 PM

Well, I just spent $200.00 on parts and other supplies to begin the restoration process. So much for a "free" radio, but it will be worth it if I can pull it off.

Gary

[Non-text portions of this message have been removed]

# 3558. Re: [T-368_BC-610] Need Advice on Restoring Some Electronics

Yahoo group: T-368_BC-610
Date: 2009-01-16 02:03:41 UTC
From: Gene Beckwith
Topic: 3552  Message: 3558

Gents,

Amen, brother . .!! No choice....

Gene
W8KXR

Joe Foley wrote:
>
> Ha! No doubt about it, complete restoration is the ONLY acceptable
> course of action here.
>
> Joe
>
> --- On Thu, 1/15/09, Gary Geissinger <geissingergary@...
> <mailto:geissingergary%40yahoo.com>> wrote:
> From: Gary Geissinger <geissingergary@...
> <mailto:geissingergary%40yahoo.com>>
> Subject: [T-368_BC-610] Need Advice on Restoring Some Electronics
> To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> Date: Thursday, January 15, 2009, 4:38 PM
>
> Gentlemen,
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> While this isn't a T-368, I bet there are several who can help me with
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> preference.)

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> 2. Take a few parts out to clean and keep.
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> 3. Keep the whole things and take parts out when I need them to
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> 4. Attempt to restore it as best I can. (I'm probably going to try
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>
> There are issues.
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> 1. Health (Hantavirus and others)
>
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> 3. Parts Availability
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> 4. Cleaning, Lubrication, Stabilizing.
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> If anyone has some suggestions or suggested references I love a few
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> that I nearly cried when I took the covers off...really. It looked so
> nice...on the outside.
>
> 73's,
>
> Gary WA0SPM
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> [Non-text portions of this message have been removed]
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# 3559. Found it!

Yahoo group: T-368_BC-610
Date: 2009-01-17 04:23:29 UTC
From: redmenaced
Topic: 3559  Message: 3559

This is the subscription site for the R-390 mailing list:

http://mailman.qth.net/

Click on the "Directory of E-mail lists" on the left-hand menu.

Joe

# 3563. Perfect people

Yahoo group: T-368_BC-610
Date: 2009-01-24 12:33:24 UTC
From: John King
Topic: 3563  Message: 3563

I am amazed at the intolerance, and the lack of understanding of the "perfect people" of this reflector.

One unintended click of a mouse with a computer and something highly unintended happens! Then it is too late to undo or call back what was sent.

I know those of you who jumped Perry, W5KGZ's case have NEVER made a mistake and have never before been unkind to anyone, inconsiderate of anyone or clicked a mouse when you should not have. I know you have never uttered a word that you later wished you had not. The AVERAGE human being has not ben so blessed.

Perry is a fine gentlemen who lives about 150 miles from me. He is a BC 610E owner and helps anyone who asks with technical help and parts if he has them. He is one of the kindest, most gentle, older gentlemen that I know.

I don't need to apologize to Perry for anything I said or did, but I do apologize for the rudeness of the "perfect amateurs".

Keep the BC-610s glowing and your kindness showing. 73, John, K5PGW (since 1958 and 20wpm Code)

# 3564. Re: [T-368_BC-610] Perfect people

Yahoo group: T-368_BC-610
Date: 2009-01-24 13:05:04 UTC
From: Warren Elly
Topic: 3563  Message: 3564

I believe I stated in my message that it had to be a mistake...
nothing more, nothing less.
and the only one I know who is perfect John, doesn't walk the planet
with us.
73, Warren W1GUD
On Jan 24, 2009, at 7:33 AM, John King wrote:

> I am amazed at the intolerance, and the lack of understanding of the
> "perfect people" of this reflector.
>
> One unintended click of a mouse with a computer and something highly
> unintended happens! Then it is too late to undo or call back what
> was sent.
>
> I know those of you who jumped Perry, W5KGZ's case have NEVER made a
> mistake and have never before been unkind to anyone, inconsiderate
> of anyone or clicked a mouse when you should not have. I know you
> have never uttered a word that you later wished you had not. The
> AVERAGE human being has not ben so blessed.
>
> Perry is a fine gentlemen who lives about 150 miles from me. He is a
> BC 610E owner and helps anyone who asks with technical help and
> parts if he has them. He is one of the kindest, most gentle, older
> gentlemen that I know.
>
> I don't need to apologize to Perry for anything I said or did, but I
> do apologize for the rudeness of the "perfect amateurs".
>
> Keep the BC-610s glowing and your kindness showing. 73, John, K5PGW
> (since 1958 and 20wpm Code)
>
>
>

[Non-text portions of this message have been removed]

# 3565. Re: [T-368_BC-610] Perfect people

Yahoo group: T-368_BC-610
Date: 2009-01-24 14:58:32 UTC
From: Geoff/W5OMR
Topic: 3563  Message: 3565

John King wrote:
> I am amazed at the intolerance, and the lack of understanding of the "perfect people" of this reflector.
>

I echo John's sentiments over the unintended actions of my friend (and I don't use that term loosely) Perry/W5KGZ.

God Bless Perry for having the Passion to care about his country. While being relatively new (relative is a relative term, here) I'm sure Perry's passion compelled him to inform everyone about the atrocities occurring in the White House. He probably merely clicked 'all' in his address book.

While the message was probably misplaced, as showing up in the T-368/BC-610 reflector, it is a good one.

I agree however, that political discussions have no place in a reflector like T-368/BC-610.

Give a good guy a break, would ya? My Friend, Perry Mason/W5KGZ, just celebrated his 86th birthday on the 7th of Jan, and just yesterday underwent a medical procedure. The sheer drama of a doctors visit is enough to scramble the rational thought process in humans half his age.

One correction for John/K5PGW though... Perry not only owns a BC-610E (previously owned by W5OMR, K5LLK(sk), W5MEU(sk) and W5PYT(sk) he also owns two more BC-610s. I *think* there's another E model and an I model, under going restoration in his garage. My next trip to Beaumont (probably within the week) will have me physically helping my friend, Perry, lift and replace the RF deck on one of them, that is very near completion.

Keep dem messages coming, Perry (just be careful where you put 'em) ;-)

73 = Best Regards,
-Geoff/W5OMR (/5 Spring, TX)

# 3567. Political Spewings on the T-368-BC-610 List

Yahoo group: T-368_BC-610
Date: 2009-01-24 17:34:31 UTC
From: Michael Crestohl
Topic: 3567  Message: 3567

I wonder if this post really was a mistake. Haven't we had enough of this crap for the past two years? It's OVER; deal with it. I, along with many others who subscribe to this list would be very grateful if posters would refrain from posting material of a political nature.

One of the oldest tenets of this great hobby is that discussions of a religious and political nature are off limits. Most of us really are not interested in reading this kind of political propaganda on a mail reflector devoted to vintage military transmitters.

Michael, W1RC

# 3568. WTB, meters for BC-610E

Yahoo group: T-368_BC-610
Date: 2009-01-24 18:27:23 UTC
From: M0GHQ
Topic: 3568  Message: 3568

Does anyone out there have the two meters in the centre of the BC-610E that I could buy, also looking for a filament rheostat. just restoring another of these lovely old radios in the UK,
73 Max M0GHQ/KJ4ISS

[Non-text portions of this message have been removed]

# 3569. correcting errors as soon as possible

Yahoo group: T-368_BC-610
Date: 2009-01-24 19:22:44 UTC
From: Bob Young
Topic: 3569  Message: 3569

Whether that was a mistake or not whomever sent it should have
IMMEDIATELY SENT A CORRECTION AND AN APOLOGY out to the reflector when he realized it.
Not all us us here share this type of thinking and this is a good way
to start a political war, at least some of believe that the atrocities
have already happened in the white house and hopefully have stopped as
of 1-20-09. This is not a place for political discussion. We all care
for our country, whether we agree or not. I do not own a BC-610 but
read this reflector to learn about them, peace,

Bob Young
KB1OKL

_____
Windows Live?: E-mail. Chat. Share. Get more ways to connect.
http://windowslive.com/howitworks?ocid=TXT_TAGLM_WL_t2_allup_howitworks_012009

[Non-text portions of this message have been removed]

# 3570. Re: [T-368_BC-610] correcting errors as soon as possible

Yahoo group: T-368_BC-610
Date: 2009-01-25 00:28:55 UTC
From: Joe Foley
Topic: 3569  Message: 3570

Oh, don't worry about a political war, I can stop it very quickly.

Joe

--- On Sat, 1/24/09, Bob Young <youngbob53@...> wrote:

> From: Bob Young <youngbob53@...>
> Subject: [T-368_BC-610] correcting errors as soon as possible
> To: t-368_bc-610@yahoogroups.com
> Date: Saturday, January 24, 2009, 2:22 PM
> Whether that was a mistake or not whomever sent it should
> have
> IMMEDIATELY SENT A CORRECTION AND AN APOLOGY out to the
> reflector when he realized it.
> Not all us us here share this type of thinking and this is
> a good way
> to start a political war, at least some of believe that the
> atrocities
> have already happened in the white house and hopefully have
> stopped as
> of 1-20-09. This is not a place for political discussion.
> We all care
> for our country, whether we agree or not. I do not own a
> BC-610 but
> read this reflector to learn about them, peace,
>
> Bob Young
> KB1OKL
>
> _____
> Windows Live™: E-mail. Chat. Share. Get more ways to
> connect.
> http://windowslive.com/howitworks?ocid=TXT_TAGLM_WL_t2_allup_howitworks_012009
>
> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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# 3571. 600 ohm Line to PP 100TH Xformer

Yahoo group: T-368_BC-610
Date: 2009-01-25 00:42:50 UTC
From: Barrie Smith
Topic: 3571  Message: 3571

Hello:

I've pretty much determined (with lots of help) that the CG-512 transformer will work properly as an outboard 600 ohm line to the PP 100THs grids in my HT-4B.

I've read somewhere that, in order to easily apply bias for the modulator tubes, I can attach a jumper from one of the existing grid lines to the center tap of the outboard transformer.

With this arrangement, I will still be able to adjust the bias from the front panel.

An I headed down the right road? Any thoughts?

73, Barrie, W7ALW

[Non-text portions of this message have been removed]

# 3572. Re: [T-368_BC-610] 600 ohm Line to PP 100TH Xformer

Yahoo group: T-368_BC-610
Date: 2009-01-25 03:00:10 UTC
From: wa5cab@cs.com
Topic: 3571  Message: 3572

That might work but it would be far better to attach the jumper to the centertap of the existing grid transformer. That way, you avoid adding the resistance of the secondary in series with the bias supply.

In a message dated 1/24/2009 6:43:14 PM Central Standard Time,
barrie@... writes:
> I've pretty much determined (with lots of help) that the CG-512 transformer
> will work properly as an outboard 600 ohm line to the PP 100THs grids in my
> HT-4B.
>
> I've read somewhere that, in order to easily apply bias for the modulator
> tubes, I can attach a jumper from one of the existing grid lines to the center
> tap of the outboard transformer.
>
> With this arrangement, I will still be able to adjust the bias from the
> front panel.
>
> An I headed down the right road? Any thoughts?
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3573. T-368 Problem to be solved

Yahoo group: T-368_BC-610
Date: 2009-01-25 03:04:22 UTC
From: Rodger Hough
Topic: 3573  Message: 3573

T-368 Series F Troubles

I?m having some troubles with my T-3, TRW Serial #400.
Two other T-3 owners, Mark KA4JVY and Maury NRGUI and I initially brought the recently acquired T-3 up on a Variac and in stock form, the T-3 performed normally over an hours period into a ME-165 dummy load using a stock carbon microphone.

I then proceeded to modify the transmitter using mods widely found on the web with notation to Timtron, W3NP, KK4DF and others. The mods are detailed below.

Upon completion of all mods, the transmitter tuned and loaded properly in both CW and AM push to talk mode. Tuning and loading at somewhat different numerical points attributed to different plate choke. Plenty of RF output; plenty of modulation.

NOW THE PROBLEM.

The T-3 will go INTO transmit with little difficulty. It?s the UNKEYING that causes high voltage arcs usually at the safety interlock HV feed point. Sometimes the arcing can be noticed at both the RF and Modulator HV feed points. Most times you must reset the plate relay.
On ocassion the Plate Circuit breaker will trip. And recently while trying to find the problem, the transmitter plate relay stuck on and the only way to get out of transmit was to power down completely. Whacking K6, the plate relay, would then release the circuit.

Any help resolving the problem is greatly appreciated. I?d love to get this baby on the air.

Thanks,
K1HH
Rodger

DETAILS OF MODS

Modifications include isolating the final tank circuit by paralling two 470pf/16kv doorknob caps, winding a new plate choke to feed the final (260 turns 24 guage wire on 3/4 inch pvc form) In addition coil L13 (pi choke) was moved to the top of the deck and high volage bypasses of 470pf/16kv are on the top side of both L13 and the new plate choke. The Sagamo tub (former blocking cap) has been strapped across and former leaking brown brick C10 bypass capacitor has been removed. The original L3 plate choke?s bottom end (original B Plus feed) now goes to ground. In addition the plate meter was made a

cathode meter and bypassed with two back to back diodes and a cap.

Mods to the audio deck follow those detailed by Timtron,
W2ILA, KG2IC, W1UJR and others. They include bypassing the filters
and clipping circuit in the speech amp and changing a couple of caps
and adding a bypass or two.
The carbon mic bias voltage was removed from the front panel mic
connector so that an amplified D-104 can be used.

I?ve checked my wiring and believe it to be correct. Pix available of
my choke/ bypass cap arrangement, but follows those who have ventured
here before.

Any ideas out there in T-3 land?

Respectfully submitted to the knowledable Amateur Radio Fraternity.

K1HH

[Non-text portions of this message have been removed]

# 3574. Re: [T-368_BC-610] 600 ohm Line to PP 100TH Xformer

Yahoo group: T-368_BC-610
Date: 2009-01-25 03:12:59 UTC
From: Barrie Smith
Topic: 3571  Message: 3574

Sorry, but I'm not sure I understand that, nor how to do it.

I was under the impression that the bias voltage would appear on each grid connection line. If I connect one grid connector line to the center of the outboard transformer I should get bias to each 100TH.

Could you be more specific as to where I'm going wrong here?

73, Barrie, W7ALW
----- Original Message -----
From: wa5cab@...
To: T-368_BC-610@yahoogroups.com
Sent: Saturday, January 24, 2009 8:00 PM
Subject: Re: [T-368_BC-610] 600 ohm Line to PP 100TH Xformer

That might work but it would be far better to attach the jumper to the centertap of the existing grid transformer. That way, you avoid adding the resistance of the secondary in series with the bias supply.

In a message dated 1/24/2009 6:43:14 PM Central Standard Time,
barrie@... writes:
> I've pretty much determined (with lots of help) that the CG-512 transformer
> will work properly as an outboard 600 ohm line to the PP 100THs grids in my
> HT-4B.
>
> I've read somewhere that, in order to easily apply bias for the modulator
> tubes, I can attach a jumper from one of the existing grid lines to the center
> tap of the outboard transformer.
>
> With this arrangement, I will still be able to adjust the bias from the
> front panel.
>
> An I headed down the right road? Any thoughts?
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3575. Re: [T-368_BC-610] 600 ohm Line to PP 100TH Xformer

Yahoo group: T-368_BC-610
Date: 2009-01-25 03:37:31 UTC
From: Geoff/W5OMR
Topic: 3571  Message: 3575

Barrie Smith wrote:
> Hello:
>
> I've pretty much determined (with lots of help) that the CG-512 transformer will work properly as an outboard 600 ohm line to the PP 100THs grids in my HT-4B.
>
> I've read somewhere that, in order to easily apply bias for the modulator tubes, I can attach a jumper from one of the existing grid lines to the center tap of the outboard transformer.
>
> With this arrangement, I will still be able to adjust the bias from the front panel.
>
> An I headed down the right road? Any thoughts?
>
> 73, Barrie, W7ALW

I've said this before, here...

I had a 'solid-state Class B Audio driver', that was used to drive the grids of a pair of 250TH's in Class B.
(Google for 'solid-state audio driver wa5bxo)

Basically, it's a pair of vertical output transistors, that take a lot of voltage on the collectors, and have a very high beta. They are lashed up in an emitter-follower configuration. The emitter output lines, directly drive the grids of the Class B modulator tubes.

The audio path comes from the plates of a push-pull audio amplifier. The audio is fed through a pair of DC blocking capacitors, then to the hi-Z side of some output transformer (think; typical push-pull 6AQ5 output transformer), that has a center tap.

In my case, I used an old Bogen PA system. Grounded the driver (built into it's own chassis) to the '610, fed the emitter output lines to the grids of the 100TH's, and received 'glowing' audio reports. The driver has it's own built-in adjustable bias supply. As originally built, it had the ability to swing 585Vp-p. More than enough, for 250TH's in Class B.

The 'mod' as to remove the grid clips to from the 2A3 audio driver in the '610, and replace them with the solid-state driver output leads. In order to restore the 'mod', remove the solid-state driver leads, and re-clip the original grid clips.

If googling is difficult to do, go to
http://www.qsl.net/wa5bxo/driver1.html for details.

--
73 = Best Regards,
-Geoff/W5OMR (/5 Spring, TX)

# 3576. Re: [T-368_BC-610] 600 ohm Line to PP 100TH Xformer

Yahoo group: T-368_BC-610
Date: 2009-01-25 03:43:18 UTC
From: wa5cab@cs.com
Topic: 3571  Message: 3576

Yes, the bias voltage will appear on each of the original grid leads from the existing driver transformer. But as with the outboard transformer you have, the secondary has resistance because of the copper wire the secondary is made with. This resistance will be added in series between the output of the bias supply and the centertap of the outboard transformer. It may not hurt much to have it there but there's no way in which it can help anything.

To avoid that, connect to the centertap of the existing driver transformer secondary. Not one of the grid leads.

In a message dated 1/24/2009 9:13:11 PM Central Standard Time,
barrie@... writes:
> Sorry, but I'm not sure I understand that, nor how to do it.
>
> I was under the impression that the bias voltage would appear on each grid
> connection line. If I connect one grid connector line to the center of the
> outboard transformer I should get bias to each 100TH.
>
> Could you be more specific as to where I'm going wrong here?
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3577. Re: [T-368_BC-610] 600 ohm Line to PP 100TH Xformer

Yahoo group: T-368_BC-610
Date: 2009-01-25 04:20:41 UTC
From: James M. Walker
Topic: 3571  Message: 3577

Ok,
I'm confused! Have you read the manual for the HT-4? Next I would
ask what the purpose of the outboard transformer is.

Also just for informational purposes, the HT-4/BC-610(E) has a 500/600
ohm input already. Also the bias for the 100THs comes from the HT-4
and BC-610(E) 5Z3 and a single adjustment from that supply sets
the bias level to the 250TH.

What was the original question, and aim?
Jim
WB2FCN

----- Original Message -----
From: "Barrie Smith" <barrie@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Saturday, January 24, 2009 7:42 PM
Subject: [T-368_BC-610] 600 ohm Line to PP 100TH Xformer

> Hello:
>
> I've pretty much determined (with lots of help) that the CG-512
> transformer will work properly as an outboard 600 ohm line to the PP
> 100THs grids in my HT-4B.
>
> I've read somewhere that, in order to easily apply bias for the modulator
> tubes, I can attach a jumper from one of the existing grid lines to the
> center tap of the outboard transformer.
>
> With this arrangement, I will still be able to adjust the bias from the
> front panel.
>
> An I headed down the right road? Any thoughts?
>
> 73, Barrie, W7ALW

# 3578. Re: [T-368_BC-610] 600 ohm Line to PP 100TH Xformer

Yahoo group: T-368_BC-610
Date: 2009-01-25 16:38:08 UTC
From: Geoff/W5OMR
Topic: 3571  Message: 3578

James M. Walker wrote:
> Ok,
> I'm confused! Have you read the manual for the HT-4? Next I would
> ask what the purpose of the outboard transformer is.
>
> Also just for informational purposes, the HT-4/BC-610(E) has a 500/600
> ohm input already. Also the bias for the 100THs comes from the HT-4
> and BC-610(E) 5Z3 and a single adjustment from that supply sets
> the bias level to the 250TH.
>
> What was the original question, and aim?
> Jim
> WB2FCN
>

Jim - you quoted the original question below...

>
> ----- Original Message -----
> From: "Barrie Smith" <barrie@...>
> To: <T-368_BC-610@yahoogroups.com>
> Sent: Saturday, January 24, 2009 7:42 PM
> Subject: [T-368_BC-610] 600 ohm Line to PP 100TH Xformer
>
>
>
>> Hello:
>>
>> I've pretty much determined (with lots of help) that the CG-512
>> transformer will work properly as an outboard 600 ohm line to the PP
>> 100THs grids in my HT-4B.
>>

Agreed, that the '610 already -has- a 600-ohm line input stage, with the
BC-614 speech-amp and control box. The audio output from the '614 has
600-ohm line out to drive the 2A3's.

>> I've read somewhere that, in order to easily apply bias for the modulator
>> tubes, I can attach a jumper from one of the existing grid lines to the
>> center tap of the outboard transformer.
>>
>> With this arrangement, I will still be able to adjust the bias from the
>> front panel.
>>
>> An I headed down the right road? Any thoughts?
>>

I'm not in agreement with this method. To control the amount of grid bias on the 100TH's, there should be a controllable negative voltage applied to the center-tap of the driver transformer.

--
73 = Best Regards,
-Geoff/W5OMR (/5 Spring, TX)

# 3579. Re: [T-368_BC-610] correcting errors as soon as possible

Yahoo group: T-368_BC-610
Date: 2009-01-25 18:15:41 UTC
From: Mark Foltarz
Topic: 3569  Message: 3579

----- Original Message ----
From: Bob Young <youngbob53@...>
To: t-368_bc-610@yahoogroups.com
Sent: Saturday, January 24, 2009 2:22:44 PM
Subject: [T-368_BC-610] correcting errors as soon as possible

<snip> atrocities have already happened in the white house and hopefully have stopped as of 1-20-09 </snip>

Now thats good for a laugh !

de KA4JVY

Mark

# 3580. Re: [T-368_BC-610] 600 ohm Line to PP 100TH Xformer

Yahoo group: T-368_BC-610
Date: 2009-01-25 19:47:38 UTC
From: Barrie Smith
Topic: 3571  Message: 3580

Jim:

See answers interspaced below.
----- Original Message -----
From: James M. Walker
To: T-368_BC-610@yahoogroups.com
Sent: Saturday, January 24, 2009 9:20 PM
Subject: Re: [T-368_BC-610] 600 ohm Line to PP 100TH Xformer

Ok,
I'm confused! Have you read the manual for the HT-4?

Yes, many times. I used this transmitter for at least 8 years prior to 1997. I became quite ill in 1997, so I didn't use the rig again until just recently.

When it was shut down, it was working just great, with FB signal reports.

Recently, I fired it back up. I got no RF out, which was easily repaired. However, I got reports of terrible audio and low modulation.

Sparing everyone the details, I now am getting reports of "okay" or "fair" audio.

I think that the problem is in the 2A3 driver stage. So, I thought I'd install a "temporary" outboard transformer just to see if the audio improves.

If the audio does improve, then I know work is needed in the 2A3 stage. If it doesn't improve, then I need to look elswhere.

Next I would
ask what the purpose of the outboard transformer is.

Also just for informational purposes, the HT-4/BC-610(E) has a 500/600
ohm input already. Also the bias for the 100THs comes from the HT-4
and BC-610(E) 5Z3 and a single adjustment from that supply sets
the bias level to the 250TH.

On my HT-4B, the bias control sets the bias level for the 100THs only

What was the original question, and aim?

See above and below.

73, Barrie, W7ALW
Jim
WB2FCN

----- Original Message -----
From: "Barrie Smith" <barrie@...>
To: <T-368_BC-610@yahoogroups.com>

Sent: Saturday, January 24, 2009 7:42 PM
Subject: [T-368_BC-610] 600 ohm Line to PP 100TH Xformer

> Hello:
>
> I've pretty much determined (with lots of help) that the CG-512
> transformer will work properly as an outboard 600 ohm line to the PP
> 100THs grids in my HT-4B.
>
> I've read somewhere that, in order to easily apply bias for the modulator
> tubes, I can attach a jumper from one of the existing grid lines to the
> center tap of the outboard transformer.
>
> With this arrangement, I will still be able to adjust the bias from the
> front panel.
>
> An I headed down the right road? Any thoughts?
>
> 73, Barrie, W7ALW

[Non-text portions of this message have been removed]

# 3581. Re: [T-368_BC-610] T-368 Problem to be solved

Yahoo group: T-368_BC-610
Date: 2009-01-26 01:33:34 UTC
From: Joe Foley
Topic: 3573  Message: 3581

Have you checked through the "FILES" section of the homepage for this list yet?

There are some ideas there, too.

Check the HV wiring under the plate transformer for cracking, also check the spark gaps on the HV caps on the power supply deck for proper spacing.

Check that the HV contact shoe from the RF deck to the antenna is firm and even across the whole contact area.

Just guessin'

Joe

--- On Sat, 1/24/09, Rodger Hough <k1hh@...> wrote:

> From: Rodger Hough <k1hh@...>
> Subject: [T-368_BC-610] T-368 Problem to be solved
> To: t-368_bc-610@yahoogroups.com
> Date: Saturday, January 24, 2009, 10:04 PM
> T-368 Series F Troubles
>
> I’m having some troubles with my T-3, TRW Serial #400.
> Two other T-3 owners, Mark KA4JVY and Maury NRGUI and I
> initially
> brought the recently acquired T-3 up on a Variac and in
> stock form,
> the T-3 performed normally over an hours period into a
> ME-165 dummy
> load using a stock carbon microphone.
>
> I then proceeded to modify the transmitter using mods
> widely found on
> the web with notation to Timtron, W3NP, KK4DF and others.
> The mods
> are detailed below.
>
> Upon completion of all mods, the transmitter tuned and
> loaded
> properly in both CW and AM push to talk mode. Tuning and
> loading at
> somewhat different numerical points attributed to different
> plate
> choke. Plenty of RF output; plenty of modulation.
>
> NOW THE PROBLEM.
>

> The T-3 will go INTO transmit with little difficulty.
> It’s the
> UNKEYING that causes high voltage arcs usually at the
> safety
> interlock HV feed point. Sometimes the arcing can be
> noticed at both
> the RF and Modulator HV feed points. Most times you must
> reset the
> plate relay.
> On ocassion the Plate Circuit breaker will trip. And
> recently while
> trying to find the problem, the transmitter plate relay
> stuck on and
> the only way to get out of transmit was to power down
> completely.
> Whacking K6, the plate relay, would then release the
> circuit.
>
> Any help resolving the problem is greatly appreciated.
> I’d love to
> get this baby on the air.
>
>
> Thanks,
> K1HH
> Rodger
>
> DETAILS OF MODS
>
> Modifications include isolating the final tank circuit by
> paralling
> two 470pf/16kv doorknob caps, winding a new plate choke to
> feed the
> final (260 turns 24 guage wire on 3/4 inch pvc form) In
> addition coil
> L13 (pi choke) was moved to the top of the deck and high
> volage
> bypasses of 470pf/16kv are on the top side of both L13 and
> the new
> plate choke. The Sagamo tub (former blocking cap) has been
> strapped
> across and former leaking brown brick C10 bypass capacitor
> has been
> removed. The original L3 plate choke’s bottom end
> (original B Plus
> feed) now goes to ground. In addition the plate meter was
> made a
> cathode meter and bypassed with two back to back diodes and
> a cap.
>

> Mods to the audio deck follow those detailed by Timtron,
> W2ILA, KG2IC, W1UJR and others. They include bypassing the
> filters
> and clipping circuit in the speech amp and changing a
> couple of caps
> and adding a bypass or two.
> The carbon mic bias voltage was removed from the front
> panel mic
> connector so that an amplified D-104 can be used.
>
> I’ve checked my wiring and believe it to be correct. Pix
> available of
> my choke/ bypass cap arrangement, but follows those who
> have ventured
> here before.
>
> Any ideas out there in T-3 land?
>
> Respectfully submitted to the knowledable Amateur Radio
> Fraternity.
>
> K1HH
>
>
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>
> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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# 3582. Re: [T-368_BC-610] T-368 Problem to be solved

Yahoo group: T-368_BC-610
Date: 2009-01-26 03:21:00 UTC
From: prc74b@fuse.net
Topic: 3573  Message: 3582

Check the Clamp Tube, that is the straight sided 805, can't remember the number, and I am not at home around the manual. My T368 C, by Crosley, experienced the same problem. I checked the tube in a tube tester, TV 7D, and it checked good. I subbed it, and the problem went away, never to return.

Might be worth a try.

Joe Munson
WA4VAG

# 3584. Re: [T-368_BC-610] T-368 Problem to be solved

Yahoo group: T-368_BC-610
Date: 2009-01-26 14:22:13 UTC
From: Rodger Hough
Topic: 3573  Message: 3584

Joe:

Thanks for the suggestion. I'll see if I have a spare, and if not, I should have.

Rodger
K1HH

On Jan 25, 2009, at 10:21 PM, <prc74b@...> <prc74b@...> wrote:

> Check the Clamp Tube, that is the straight sided 805, can't
> remember the number, and I am not at home around the manual. My
> T368 C, by Crosley, experienced the same problem. I checked the
> tube in a tube tester, TV 7D, and it checked good. I subbed it, and
> the problem went away, never to return.
>
> Might be worth a try.
>
> Joe Munson
> WA4VAG
>
>

I recommend Macs for my friends, and PCs to those I can charge by the hour.

[Non-text portions of this message have been removed]

# 3585. Re: [T-368_BC-610] T-368 Problem to be solved

Yahoo group: T-368_BC-610
Date: 2009-01-26 15:52:50 UTC
From: Gary Geissinger
Topic: 3573  Message: 3585

I had a similar problem with my T-3.? I traced it down to an arc inside the output inductor between the winding and a mounting bolt.? It would only arc with unkeying and then other arcs, etc would appear.? Solved it with a cleaning and a nylon bolt.

73's,

Gary WA0SPM

---

From: Joe Foley <redmenaced@...>
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, January 25, 2009 6:33:34 PM
Subject: Re: [T-368_BC-610] T-368 Problem to be solved

Have you checked through the "FILES" section of the homepage for this list yet?

There are some ideas there, too.

Check the HV wiring under the plate transformer for cracking, also check the spark gaps on the HV caps on the power supply deck for proper spacing.

Check that the HV contact shoe from the RF deck to the antenna is firm and even across the whole contact area.

Just guessin'

Joe

--- On Sat, 1/24/09, Rodger Hough <k1hh@...> wrote:

> From: Rodger Hough <k1hh@naples.net>
> Subject: [T-368_BC-610] T-368 Problem to be solved
> To: t-368_bc-610@yahoogroups.com
> Date: Saturday, January 24, 2009, 10:04 PM
> T-368 Series F Troubles
>
> I?m having some troubles with my T-3, TRW Serial #400.
> Two other T-3 owners, Mark KA4JVY and Maury NRGUI and I
> initially?
> brought the recently acquired T-3 up on a Variac and in
> stock form,?
> the T-3 performed normally over an hours period into a
> ME-165 dummy?
> load using a stock carbon microphone.
>
> I then proceeded to modify the transmitter using mods
> widely found on?
> the web with notation to Timtron, W3NP, KK4DF and others.

> The mods?
> are detailed below.
>
> Upon completion of all mods, the transmitter tuned and
> loaded?
> properly in both CW and AM push to talk mode. Tuning and
> loading at?
> somewhat different numerical points attributed to different
> plate?
> choke.? Plenty of RF output; plenty of modulation.
>
> NOW THE PROBLEM.
>
> The T-3 will go INTO transmit with little difficulty.
> It?s the?
> UNKEYING that causes high voltage arcs usually at the
> safety?
> interlock HV feed point. Sometimes the arcing can be
> noticed at both?
> the RF and Modulator HV feed points. Most times you must
> reset the?
> plate relay..
> On ocassion the Plate Circuit breaker will trip. And
> recently while?
> trying to find the problem, the transmitter plate relay
> stuck on and?
> the only way to get out of transmit was to power down
> completely.?
> Whacking K6, the plate relay, would then release the
> circuit.
>
> Any help resolving the problem is greatly appreciated.
> I?d love to?
> get this baby on the air.
>
>
> Thanks,
> K1HH
> Rodger
>
> DETAILS OF MODS
>
> Modifications include isolating the final tank circuit by
> paralling?
> two 470pf/16kv doorknob caps, winding a new plate choke to
> feed the?
> final (260 turns 24 guage wire on 3/4 inch pvc form) In
> addition coil?
> L13 (pi choke) was moved to the top of the deck and high
> volage?

> bypasses of 470pf/16kv are on the top side of both L13 and
> the new?
> plate choke. The Sagamo tub (former blocking cap) has been
> strapped?
> across and former leaking brown brick C10 bypass capacitor
> has been?
> removed. The original L3 plate choke?s bottom end
> (original B Plus?
> feed) now goes to ground. In addition the plate meter was
> made a?
> cathode meter and bypassed with two back to back diodes and
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> Mods to the audio deck follow those detailed by Timtron,
> W2ILA, KG2IC, W1UJR and others. They include bypassing the
> filters?
> and clipping circuit in the speech amp and changing a
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> The carbon mic bias voltage was removed from the front
> panel mic?
> connector so that an amplified D-104 can be used.
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> I?ve checked my wiring and believe it to be correct. Pix
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> Any ideas out there in T-3 land?
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> Respectfully submitted to the knowledable Amateur Radio
> Fraternity.
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> K1HH
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Yahoo! Groups Links

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# 3586. Re: [T-368_BC-610] T-368 Problem to be solved

Yahoo group: T-368_BC-610
Date: 2009-01-26 16:01:11 UTC
From: David Adams
Topic: 3573  Message: 3586

is there a forum that will alow our T3 owners to discuss just T3 issues, if so i would like to find this site so that i might share me experiences with the T3 tnx david

--- On Mon, 1/26/09, Gary Geissinger <geissingergary@...> wrote:

From: Gary Geissinger <geissingergary@...>
Subject: Re: [T-368_BC-610] T-368 Problem to be solved
To: T-368_BC-610@yahoogroups.com
Date: Monday, January 26, 2009, 9:52 AM

I had a similar problem with my T-3.  I traced it down to an arc inside the output inductor between the winding and a mounting bolt.  It would only arc with unkeying and then other arcs, etc would appear.  Solved it with a cleaning and a nylon bolt.

73's,

Gary WA0SPM

---
From: Joe Foley <redmenaced@...>
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, January 25, 2009 6:33:34 PM
Subject: Re: [T-368_BC-610] T-368 Problem to be solved

Have you checked through the "FILES" section of the homepage for this list yet?

There are some ideas there, too.

Check the HV wiring under the plate transformer for cracking, also check the spark gaps on the HV caps on the power supply deck for proper spacing.

Check that the HV contact shoe from the RF deck to the antenna is firm and even across the whole contact area.

Just guessin'

Joe

--- On Sat, 1/24/09, Rodger Hough <k1hh@naples.net> wrote:

> From: Rodger Hough <k1hh@...>
> Subject: [T-368_BC-610] T-368 Problem to be solved
> To: t-368_bc-610@yahoogroups.com
> Date: Saturday, January 24, 2009, 10:04 PM
> T-368 Series F Troubles
>

> I¢m having some troubles with my T-3, TRW Serial #400.
> Two other T-3 owners, Mark KA4JVY and Maury NRGUI and I
> initially
> brought the recently acquired T-3 up on a Variac and in
> stock form,
> the T-3 performed normally over an hours period into a
> ME-165 dummy
> load using a stock carbon microphone.
>
> I then proceeded to modify the transmitter using mods
> widely found on
> the web with notation to Timtron, W3NP, KK4DF and others.
> The mods
> are detailed below.
>
> Upon completion of all mods, the transmitter tuned and
> loaded
> properly in both CW and AM push to talk mode. Tuning and
> loading at
> somewhat different numerical points attributed to different
> plate
> choke.  Plenty of RF output; plenty of modulation.
>
> NOW THE PROBLEM.
>
> The T-3 will go INTO transmit with little difficulty.
> It¢s the
> UNKEYING that causes high voltage arcs usually at the
> safety
> interlock HV feed point. Sometimes the arcing can be
> noticed at both
> the RF and Modulator HV feed points. Most times you must
> reset the
> plate relay..
> On ocassion the Plate Circuit breaker will trip. And
> recently while
> trying to find the problem, the transmitter plate relay
> stuck on and
> the only way to get out of transmit was to power down
> completely.
> Whacking K6, the plate relay, would then release the
> circuit.
>
> Any help resolving the problem is greatly appreciated.
> I¢d love to
> get this baby on the air.
>
>
> Thanks,
> K1HH

> Rodger
>
> DETAILS OF MODS
>
> Modifications include isolating the final tank circuit by
> paralling
> two 470pf/16kv doorknob caps, winding a new plate choke to
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> final (260 turns 24 guage wire on 3/4 inch pvc form) In
> addition coil
> L13 (pi choke) was moved to the top of the deck and high
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# 3587. Re: [T-368_BC-610] T-368 Problem to be solved

Yahoo group: T-368_BC-610
Date: 2009-01-26 16:11:02 UTC
From: wf2u@ws19ops.com
Topic: 3573  Message: 3587

Sorry, but I don't quite understand the question...
I thought this list is named T-368 and BC-610. and as such it is for
the discussion of the T-368 issues (as well as BC-610 issues). I there
anything someone may want to hide from BC-610 people (LOL) so a
completely separate T-368 list is sought?

73 de Meir WF2U
Landrum, SC

Quoting David Adams <wd5bzo@...>:

> is there a forum that will alow our T3 owners to discuss just T3
> issues, if so i would like to find this site so that i might share
> me experiences with the T3 tnx david
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> --- On Mon, 1/26/09, Gary Geissinger <geissingergary@...> wrote:
>
> From: Gary Geissinger <geissingergary@...>
> Subject: Re: [T-368_BC-610] T-368 Problem to be solved
> To: T-368_BC-610@yahoogroups.com
> Date: Monday, January 26, 2009, 9:52 AM
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> Gary WA0SPM
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> _____
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> To: T-368_BC-610@yahoogroups.com
> Sent: Sunday, January 25, 2009 6:33:34 PM
> Subject: Re: [T-368_BC-610] T-368 Problem to be solved
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> Have you checked through the "FILES" section of the homepage for this
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> There are some ideas there, too.
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> Check that the HV contact shoe from the RF deck to the antenna is
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> across the whole contact area.
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> Just guessin'
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> Joe
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>> From: Rodger Hough <k1hh@...>
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>> To: t-368_bc-610@yahoogroups.com
>> Date: Saturday, January 24, 2009, 10:04 PM
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>> interlock HV feed point. Sometimes the arcing can be
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>> the RF and Modulator HV feed points. Most times you must
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>> plate relay..
>> On ocassion the Plate Circuit breaker will trip. And
>> recently while
>> trying to find the problem, the transmitter plate relay
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>> the only way to get out of transmit was to power down
>> completely.
>> Whacking K6, the plate relay, would then release the
>> circuit.
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>> Any help resolving the problem is greatly appreciated.
>> I¢d love to
>> get this baby on the air.
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>> Thanks,
>> K1HH
>> Rodger
>>
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>> Modifications include isolating the final tank circuit by
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>> L13 (pi choke) was moved to the top of the deck and high
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>> I¢ve checked my wiring and believe it to be correct. Pix
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# 3588. Re: [T-368_BC-610] T-368 Problem to be solved

Yahoo group: T-368_BC-610
Date: 2009-01-26 16:18:07 UTC
From: wa5cab@cs.com
Topic: 3573  Message: 3588

And besides that, if anyone actually owns a T-3/FRT they've never surfaced here.

In a message dated 1/26/2009 10:11:12 AM Central Standard Time, wf2u@... writes:
> Sorry, but I don't quite understand the question...
> I thought this list is named T-368 and BC-610. and as such it is for
> the discussion of the T-368 issues (as well as BC-610 issues). I there
> anything someone may want to hide from BC-610 people (LOL) so a
> completely separate T-368 list is sought?
>
>
> 73 de Meir WF2U
> Landrum, SC
>
>
> Quoting David Adams <wd5bzo@...>:
>
> >is there a forum that will alow our T3 owners to discuss just T3
> >issues, if so i would like to find this site so that i might share
> >me experiences with the T3 tnx david
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3589. Re: [T-368_BC-610] T-368 Problem to be solved

Yahoo group: T-368_BC-610
Date: 2009-01-26 18:29:34 UTC
From: w7qho
Topic: 3573  Message: 3589

On Jan 26, 2009, at 8:01:11 AM, "David Adams" <wd5bzo@...> wrote:
is there a forum that will alow our T3 owners to discuss just T3 issues, if so i would like to find this site so that i might share me experiences with the T3 tnx david

David,

Please share them here.
--
Dennis D.  W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 3590. Re: [T-368_BC-610] T-368 Problem to be solved

Yahoo group: T-368_BC-610
Date: 2009-01-27 01:25:37 UTC
From: David Adams
Topic: 3573  Message: 3590

no the question was not to hide from bc610 owners i was just wondering if this is the right place for discussion. i currently own two bc610's and one T3 so i have all kinds of issues i am currently dealing with a issue in the T3 with a little arc going on some where in the mod deck which i have not found as of yet but if i kill the mod deck the arc will go away in the past i found the arcing to be the innerlocks, if one of the innerlocks does not seat properly it will pass too much current and weaken the spring in the innerlock which will cause some arcing, most of the innerlocks can be bypassed anyway i have found them to just be a source of trouble. i have done some mods which i will chime in on later, the T3 discussion is a passion of mine this is my favorite radio of all the ones i own and i have lost count of how many xmitters i have. i will be reading group responses some one might can help me with my issues.

--- On Mon, 1/26/09, wa5cab@... <wa5cab@...> wrote:

From: wa5cab@... <wa5cab@...>
Subject: Re: [T-368_BC-610] T-368 Problem to be solved
To: T-368_BC-610@yahoogroups.com
Date: Monday, January 26, 2009, 10:18 AM

And besides that, if anyone actually owns a T-3/FRT they've never surfaced
here.

In a message dated 1/26/2009 10:11:12 AM Central Standard Time,
wf2u@ws19ops. com writes:
> Sorry, but I don't quite understand the question...
> I thought this list is named T-368 and BC-610. and as such it is for
> the discussion of the T-368 issues (as well as BC-610 issues). I there
> anything someone may want to hide from BC-610 people (LOL) so a
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Robert Downs - Houston
wa5cab dot com (Web Store)
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[Non-text portions of this message have been removed]

# 3591. RE: [T-368_BC-610] Need Advice on Restoring Some Electronics

Yahoo group: T-368_BC-610
Date: 2009-01-27 13:48:34 UTC
From: John Oden
Topic: 3552  Message: 3591

Rebuild it,
Find your self a parts rig thats rusty on the outside
and good harness etc on the inside,
Good luck

To: T-368_BC-610@yahoogroups.comFrom: w8kxr@...: Thu, 15 Jan 2009 21:03:41 -0500Subject: Re: [T-368_BC-610] Need Advice on Restoring Some Electronics

Gents, Amen, brother . .!! No choice....GeneW8KXRJoe Foley wrote:>> Ha! No doubt about it, complete restoration is the ONLY acceptable > course of action here.>> Joe>> --- On Thu, 1/15/09, Gary Geissinger <geissingergary@... > <mailto:geissingergary%40yahoo.com>> wrote:> From: Gary Geissinger <geissingergary@yahoo.com > <mailto:geissingergary%40yahoo.com>>> Subject: [T-368_BC-610] Need Advice on Restoring Some Electronics> To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>> Date: Thursday, January 15, 2009, 4:38 PM>> Gentlemen,>> While this isn't a T-368, I bet there are several who can help me with > this. Well, last night a friend brought over an EAC R-390A receiver > to my ham shack. The good news is that the original (ham) owner took > immaculate care of the receiver; it must have been in mint condition > when he received it. The bad news is that when the original owner > passed away, the receiver got put into someones garage. It appears > that mice lived in it for an extended time, but not recently.>> 1. The crystal oscillator deck is probably beyond help; I can get a > replacement.>> 2. The RF deck was so cramped that the mice couldn't get near the > slugs rack; but tube sockets are a mess.>> 3. Harness is really a mess.>> 4. The bottom deck is perfect.>> So I can see several paths here.>> 1. Throw it away (my wife really went non-linear over all this...her > preference.)>> 2. Take a few parts out to clean and keep.>> 3. Keep the whole things and take parts out when I need them to > repair my other EAC R-390A.>> 4. Attempt to restore it as best I can. (I'm probably going to try > this....at least at first.)>> There are issues.>> 1. Health (Hantavirus and others)>> 2. Corrosion>> 3. Parts Availability>> 4. Cleaning, Lubrication, Stabilizing.>> If anyone has some suggestions or suggested references I love a few > right now. Or frankly, what would you do in this case? I will say > that I nearly cried when I took the covers off...really. It looked so > nice...on the outside.>> 73's,>> Gary WA0SPM>> [Non-text portions of this message have been removed]>>>>>>>>>>>> [Non-text portions of this message have been removed]>> [Non-text portions of this message have been removed]

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Hotmail® goes where you go. On a PC, on the Web, on your phone.
http://www.windowslive-hotmail.com/learnmore/versatility.aspx#mobile?ocid=TXT_TAGHM_WL_HM_versatility_121208

[Non-text portions of this message have been removed]

# 3592. Re: [T-368_BC-610] T-368 Problem to be solved

Yahoo group: T-368_BC-610
Date: 2009-01-28 03:10:26 UTC
From: Joe Foley
Topic: 3573  Message: 3592

Well,.....

This did start out to be for the T-368/URT but since the BC-610 and the HT-4 are the predecessors of the T-368/URT I included them in the discussion, too.

And since there are 200 people on this list that appreciate this stuff I am baffled as to why you'd want to exclude any of them, especially since they all have so much to offer.

The goal, of course, is to own one of each!  But since the HT-4's are so rare that just isn't possible for each of us.  We'll just have to live vicariously through the others.

Joe

--- On Mon, 1/26/09, David Adams <wd5bzo@...> wrote:
From: David Adams <wd5bzo@...>
Subject: Re: [T-368_BC-610] T-368 Problem to be solved
To: T-368_BC-610@yahoogroups.com
Date: Monday, January 26, 2009, 11:01 AM

is there a forum that will alow our T3 owners to discuss just T3 issues, if so i would like to find this site so that i might share me experiences with the T3 tnx david

--- On Mon, 1/26/09, Gary Geissinger <geissingergary@ yahoo.com> wrote:

From: Gary Geissinger <geissingergary@ yahoo.com>

Subject: Re: [T-368_BC-610] T-368 Problem to be solved

To: T-368_BC-610@ yahoogroups. com

Date: Monday, January 26, 2009, 9:52 AM

I had a similar problem with my T-3.  I traced it down to an arc inside the

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with unkeying and then other arcs, etc would appear.  Solved it with a cleaning

and a nylon bolt.

73's,

Gary WA0SPM

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From: Joe Foley <redmenaced@yahoo. com>

To: T-368_BC-610@ yahoogroups. com

Sent: Sunday, January 25, 2009 6:33:34 PM

Subject: Re: [T-368_BC-610] T-368 Problem to be solved

Have you checked through the "FILES" section of the homepage for this

list yet?

There are some ideas there, too.

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spark gaps on the HV caps on the power supply deck for proper spacing.

Check that the HV contact shoe from the RF deck to the antenna is firm and even

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Just guessin'

Joe

--- On Sat, 1/24/09, Rodger Hough <k1hh@naples. net> wrote:

> From: Rodger Hough <k1hh@naples. net>

> Subject: [T-368_BC-610] T-368 Problem to be solved

> To: t-368_bc-610@ yahoogroups. com

> Date: Saturday, January 24, 2009, 10:04 PM

> T-368 Series F Troubles

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# 3593. Re: [T-368_BC-610] T-368 Problem to be solved

Yahoo group: T-368_BC-610
Date: 2009-01-28 03:17:20 UTC
From: Joe Foley
Topic: 3573  Message: 3593

Yup, that nylon bolt is supposed to be in there. Clean the china and polish the silver, check for cracks, clean, clean, clean.

Joe

--- On Mon, 1/26/09, Gary Geissinger <geissingergary@...> wrote:

> From: Gary Geissinger <geissingergary@...>
> Subject: Re: [T-368_BC-610] T-368 Problem to be solved
> To: T-368_BC-610@yahoogroups.com
> Date: Monday, January 26, 2009, 10:52 AM
> I had a similar problem with my T-3.  I traced it down to
> an arc inside the output inductor between the winding and a
> mounting bolt.  It would only arc with unkeying and then
> other arcs, etc would appear.  Solved it with a cleaning
> and a nylon bolt.
>
> 73's,
>
> Gary WA0SPM
>
>
>
>
> _____
> From: Joe Foley <redmenaced@...>
> To: T-368_BC-610@yahoogroups.com
> Sent: Sunday, January 25, 2009 6:33:34 PM
> Subject: Re: [T-368_BC-610] T-368 Problem to be solved
>
> Have you checked through the "FILES" section of
> the homepage for this list yet?
>
> There are some ideas there, too.
>
> Check the HV wiring under the plate transformer for
> cracking, also check the spark gaps on the HV caps on the
> power supply deck for proper spacing.
>
> Check that the HV contact shoe from the RF deck to the
> antenna is firm and even across the whole contact area.
>
> Just guessin'
>
> Joe
>

> 
> 
> 
> --- On Sat, 1/24/09, Rodger Hough <k1hh@...>
> wrote:
> 
> > From: Rodger Hough <k1hh@...>
> > Subject: [T-368_BC-610] T-368 Problem to be solved
> > To: t-368_bc-610@yahoogroups.com
> > Date: Saturday, January 24, 2009, 10:04 PM
> > T-368 Series F Troubles
> > 
> > I¢m having some troubles with my T-3, TRW Serial
> #400.
> > Two other T-3 owners, Mark KA4JVY and Maury NRGUI and
> I
> > initially
> > brought the recently acquired T-3 up on a Variac and
> in
> > stock form,
> > the T-3 performed normally over an hours period into a
> > ME-165 dummy
> > load using a stock carbon microphone.
> > 
> > I then proceeded to modify the transmitter using mods
> > widely found on
> > the web with notation to Timtron, W3NP, KK4DF and
> others.
> > The mods
> > are detailed below.
> > 
> > Upon completion of all mods, the transmitter tuned and
> > loaded
> > properly in both CW and AM push to talk mode. Tuning
> and
> > loading at
> > somewhat different numerical points attributed to
> different
> > plate
> > choke.  Plenty of RF output; plenty of modulation.
> > 
> > NOW THE PROBLEM.
> > 
> > The T-3 will go INTO transmit with little difficulty.
> > It¢s the
> > UNKEYING that causes high voltage arcs usually at the
> > safety
> > interlock HV feed point. Sometimes the arcing can be
> > noticed at both
> > the RF and Modulator HV feed points. Most times you

> must
> > reset the
> > plate relay..
> > On ocassion the Plate Circuit breaker will trip. And
> > recently while
> > trying to find the problem, the transmitter plate
> relay
> > stuck on and
> > the only way to get out of transmit was to power down
> > completely.
> > Whacking K6, the plate relay, would then release the
> > circuit.
> >
> > Any help resolving the problem is greatly appreciated.
> > I¢d love to
> > get this baby on the air.
> >
> >
> > Thanks,
> > K1HH
> > Rodger
> >
> > DETAILS OF MODS
> >
> > Modifications include isolating the final tank circuit
> by
> > paralling
> > two 470pf/16kv doorknob caps, winding a new plate
> choke to
> > feed the
> > final (260 turns 24 guage wire on 3/4 inch pvc form)
> In
> > addition coil
> > L13 (pi choke) was moved to the top of the deck and
> high
> > volage
> > bypasses of 470pf/16kv are on the top side of both L13
> and
> > the new
> > plate choke. The Sagamo tub (former blocking cap) has
> been
> > strapped
> > across and former leaking brown brick C10 bypass
> capacitor
> > has been
> > removed. The original L3 plate choke¢s bottom end
> > (original B Plus
> > feed) now goes to ground. In addition the plate meter
> was
> > made a

> > cathode meter and bypassed with two back to back
> diodes and
> > a cap.
> >
> > Mods to the audio deck follow those detailed by
> Timtron,
> > W2ILA, KG2IC, W1UJR and others. They include bypassing
> the
> > filters
> > and clipping circuit in the speech amp and changing a
> > couple of caps
> > and adding a bypass or two.
> > The carbon mic bias voltage was removed from the front
> > panel mic
> > connector so that an amplified D-104 can be used.
> >
> > I¢ve checked my wiring and believe it to be correct.
> Pix
> > available of
> > my choke/ bypass cap arrangement, but follows those
> who
> > have ventured
> > here before.
> >
> > Any ideas out there in T-3 land?
> >
> > Respectfully submitted to the knowledable Amateur
> Radio
> > Fraternity.
> >
> > K1HH
> >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
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> Yahoo! Groups Links
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> [Non-text portions of this message have been removed]
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>
> Yahoo! Groups Links
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>

# 3594. Re: [T-368_BC-610] T-368 Problem to be solved

Yahoo group: T-368_BC-610
Date: 2009-01-28 03:23:51 UTC
From: Joe Foley
Topic: 3573  Message: 3594

6633, I think.

Joe

--- On Mon, 1/26/09, Rodger Hough <k1hh@...> wrote:
From: Rodger Hough <k1hh@...>
Subject: Re: [T-368_BC-610] T-368 Problem to be solved
To: T-368_BC-610@yahoogroups.com
Date: Monday, January 26, 2009, 9:22 AM

Joe:

Thanks for the suggestion. I'll see if I have a spare, and if not, I

should have.

Rodger

K1HH

On Jan 25, 2009, at 10:21 PM, <prc74b@fuse. net> <prc74b@fuse. net> wrote:

> Check the Clamp Tube, that is the straight sided 805, can't

> remember the number, and I am not at home around the manual. My

> T368 C, by Crosley, experienced the same problem. I checked the

> tube in a tube tester, TV 7D, and it checked good. I subbed it, and

> the problem went away, never to return.

>

> Might be worth a try.

>

> Joe Munson

> WA4VAG

>

>

I recommend Macs for my friends, and PCs to those I can charge by the

hour.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3595. Re: [T-368_BC-610] T-368 Problem to be solved

Yahoo group: T-368_BC-610
Date: 2009-01-28 07:17:50 UTC
From: w7qho
Topic: 3573  Message: 3595

On Jan 27, 2009, at 7:23:51 PM, "Joe Foley" <redmenaced@...> wrote:
6633, I think.

5933 AKA 807W
--
Dennis D.  W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 3596. Re: [T-368_BC-610] T-368 Problem to be solved

Yahoo group: T-368_BC-610
Date: 2009-01-28 16:31:47 UTC
From: Joe Foley
Topic: 3573  Message: 3596

I'll buy that, it has to fit into that shield thing.

I've found them at the Rochester Hamfest for cheap, must be they don't get used for much else.

Joe

--- On Wed, 1/28/09, w7qho <w7qho@...> wrote:
From: w7qho <w7qho@...>
Subject: Re: [T-368_BC-610] T-368 Problem to be solved
To: T-368_BC-610@yahoogroups.com, T-368_BC-610@yahoogroups.com
Date: Wednesday, January 28, 2009, 2:17 AM

On Jan 27, 2009, at 7:23:51 PM, "Joe Foley" <redmenaced@yahoo. com> wrote:

6633, I think.

5933 AKA 807W

--

Dennis D.  W7QHO

Glendale, CA

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3597. Re: [T-368_BC-610] T-368 Problem to be solved

Yahoo group: T-368_BC-610
Date: 2009-01-28 17:19:20 UTC
From: w7qho
Topic: 3573  Message: 3597

On Jan 28, 2009, at 8:31:47 AM, "Joe Foley" <redmenaced@...> wrote:
I'll buy that, it has to fit into that shield thing.

The "shield thing" prevents the insertion of a regular 807.  Believe this is it's purpose although can find no documentation to that effect.  High voltages can appear at the screen of the 4-400 during operation and hence at the plate and screen of the 5933/807W clamp tube.  The button base construction of the 5933/807W is probably less prone to high voltage flash over than an ordinary 807 although, again, I've never seen any data on this.

I've found them at the Rochester Hamfest for cheap, must be they don't get used for much else.
Used in applications where the smaller size is a consideration.  Also, probably more shock and vibration resistant.

--
Dennis D.  W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 3598. FT171B Crystals

Yahoo group: T-368_BC-610
Date: 2009-02-05 12:16:17 UTC
From: Bry Carling
Topic: 3598  Message: 3598

FOR SALE: FT171B Crystals

(For the T368 and BC610 transmitters)
Normally $19.00 each... Packages of three for $25.00

FT171B CRYSTALS -
GROUP #1 OF 3 X FT171B CRYSTALS for the BC-610
Transmitter
2630, 3550, 3580 kHz

FT171B CRYSTALS -
GROUP #2 OF 3 X FT171B CRYSTALS for the BC-610
Transmitter
3705, 3945, 3955 kHz

FT171B CRYSTALS -
GROUP #3 OF 3 X FT171B CRYSTALS for the BC-610
Transmitter
3835, 3945, 3955 kHz

Many others are available and listed at:

http://www.af4k.com/FT171_crystals.htm

# 3599. ft-243 Crystals

Yahoo group: T-368_BC-610
Date: 2009-02-05 12:27:38 UTC
From: W5OMR-Geoff
Topic: 3598  Message: 3599

Bry Carling wrote:
> FOR SALE: FT171B Crystals
>
>

Hey, Bry...
how are you set on FT-243 xtals?

3.870, 3.880, 3.885 and 3.890Mc.

-Geoff/W5OMR

# 3600. Can you look at your Bc 610 E termoinal strips TS1

Yahoo group: T-368_BC-610
Date: 2009-02-06 18:27:40 UTC
From: John King
Topic: 3600  Message: 3600

Anyone have a BC 610 E open where they can look at the wires on TS1. my wires have faded and I am having trouble getting the correct wire on the correct terminal. Please contact me directly. 73, John, K5PGW

# 3601. Re: [T-368_BC-610] Digest Number 1399

Yahoo group: T-368_BC-610
Date: 2009-02-07 15:56:05 UTC
From: Sam Cook
Topic: 3601  Message: 3601

I don't have an actual xmtr, but do have an -E TM.
Here are where the wires go and their colors so you can buzz them out:
(remove tubes and disconnect plugs to test... there are other paths)
from Fig.84 page 147

1 Chassis ground, PL1-7[BLK]
2 no connection
3 common of (CH9, R35, C3)[BRN], PL1-8[GRN]
4 V12-2[BLU], PL1-9[BLU]
5 V12-3[BLU], PL1-11[YEL]
6 no connection
7 V15-7[BLK], PL2-7[BLK]
8 T4-primaryLo[BLU], PL2-8[BLU]
9 TS2-6[GRN], PL11-3, PL2-11[GRN]
10 TS5-1[YEL], PL2-10[YEL]
11 TS5-2[RED], PL2-12[BRN]
12 no connection

Hope this helps.

Sam Cook, Milan, MO
Amateur Extra Class Radio Station AC?OK
ARES Official Emergency Station, Sullivan Co., MO
Military Affiliate Radio System (MARS) AAR7AO
==========

T-368_BC-610@yahoogroups.com wrote:
> There is 1 message in this issue.
>
> Topics in this digest:
>
> 1. Can you look at your Bc 610 E termoinal strips TS1 From: John King
>
>
>
> Message
> ---
> 1. Can you look at your Bc 610 E termoinal strips TS1 Posted by:
> "John King" k5pgw@... k5pgw Date: Fri Feb 6, 2009 10:27 am
> ((PST))
>
>
> Anyone have a BC 610 E open where they can look at the wires on TS1.
> my wires have faded and I am having trouble getting the correct wire
> on the correct terminal. Please contact me directly. 73, John, K5PGW

# 3602. One BC 610 E MYSTERY WIRE needs a home

Yahoo group: T-368_BC-610
Date: 2009-02-08 19:10:11 UTC
From: John King
Topic: 3602  Message: 3602

Thanks to Sam Cook, I have all of the "dangling wires", EXCEPT ONE, connected to "something". Hopefully they are where they belong, correct wire on the correct terminal strip and terminal.

HOWEVER I have one wire without a HOME. It is a RED wire that runs from the front of the BC 610 E panel to terminal strip area and is laced to a black wire that I have put on TS1 Terminal 1 which is chassis ground. There are two black wires on terminal 1 of TS1 now. QUESTION IS, where does, what appears to be a RED wire, connect? I have run an ohmmeter continuity check between every pin on PL 1 and PL 11 and the RED wire. So the question is where does the Red wire that doesn't come from either plug connect?

I am so close to the smoke test, but just can't quite make that last connection.

# 3603. HT-4 Questions

Yahoo group: T-368_BC-610
Date: 2009-02-08 19:39:20 UTC
From: Greg Farrell
Topic: 3603  Message: 3603

Hi,

I am new on this group having acquired a civilian HT-4. Please put up with my questions from time to time.

Are there any members here who have the civilian HT-4? If there are any, I need to connect with you advice.

How many were produced and what years were they produced?

How many are left in private collections?

I uploaded some photos if anyone is interested.

Thanks in advance.

Greg Farrell
Santa Rosa, California

# 3604. Re: [T-368_BC-610] HT-4 Questions

Yahoo group: T-368_BC-610
Date: 2009-02-08 20:59:46 UTC
From: Barrie Smith
Topic: 3603  Message: 3604

----- Original Message -----
From: Greg Farrell
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, February 08, 2009 12:39 PM
Subject: [T-368_BC-610] HT-4 Questions

Hi,

I am new on this group having acquired a civilian HT-4. Please put up
with my questions from time to time.

Is an HT-4, or an HT-4B, or what?

Are there any members here who have the civilian HT-4? If there are
any, I need to connect with you advice.

I have a very nice and unmodified HT-4B.

How many were produced and what years were they produced?

I'm not expert in such matters. I've been told that very few were made and sold for civilian use. They were very expensive for that time period. I've been told that mine was probably made in 1938.

How many are left in private collections?

I can't answer that question. You are the second person that I know of that has one. There must be others, but I don't know where.

73, Barrie, W7ALW, Since 1950

I uploaded some photos if anyone is interested.

Thanks in advance.

Greg Farrell
Santa Rosa, California

[Non-text portions of this message have been removed]

# 3605. Re: HT-4 Questions

Yahoo group: T-368_BC-610
Date: 2009-02-08 21:37:19 UTC
From: g3vkm
Topic: 3603  Message: 3605

Hi Greg,

See you found us OK!

That's a real find, and your photos show some detail I've not seen before. Someone was posting a couple of weeks ago about some problems on his HT-4, so there's at least one other owner here. I do have an original manual for the HT-4B/HT-5B and AT-2 if you need any info.

I believe the HT-4 was first made in 1938, October 38 it appeared in QST. After WWII, Hallicrafters released a bunch of BC-610-H models designated the HT4-H onto the ham/commercial market.

It might be worth you downloading the wartime film "Voice of Victory" as it shows the HT-4 being converted into the BC-610 for war service. Good close-ups too of '610s being built.

Hope this helps,

Roger/G3VKM

Norfolk, England (BC-610-E owner).

--- In T-368_BC-610@yahoogroups.com, "Greg Farrell" <gregf@...> wrote:
>
> Hi,
>
> I am new on this group having acquired a civilian HT-4. Please put up
> with my questions from time to time.
>
> Are there any members here who have the civilian HT-4? If there are
> any, I need to connect with you advice.
>
> How many were produced and what years were they produced?
>
> How many are left in private collections?
>
> I uploaded some photos if anyone is interested.
>
>
> Thanks in advance.
>
> Greg Farrell
> Santa Rosa, California
>

# 3606. Re: HT-4 Questions

Yahoo group: T-368_BC-610
Date: 2009-02-08 21:44:02 UTC
From: Greg Farrell
Topic: 3603  Message: 3606

Barrie,

> Is an HT-4, or an HT-4B, or what?

I don't actually have the unit in my home yet. I pick it up early next month. I just sent the seller an email to clarify but supposedly it is an HT-4 (A?). I asked for the serial number also.

You can see the photos of it in the photo section here.

> I have a very nice and unmodified HT-4B.

Good to know you!

> I'm not expert in such matters. I've been told that very few were made and sold for civilian use. They were very expensive for that time period. I've been told that mine was probably made in 1938.

Good thing they got the military contract. At $795, you're right, very few could afford such a unit. I think the average wage was around $5-$10/day back then.

> How many are left in private collections?
> I can't answer that question. You are the second person that I know
> of that has one. There must be others, but I don't know where.

Interesting statistic.

> 73, Barrie, W7ALW, Since 1950

I hope to attain my license and call sign sometime this year. In the meantime, I cannot use the transmitter but it will take me some time to get a proper power system engineered into it and the antenna that will work in my hilly area.

Do you have any recommendations for a dummy load antenna I can use to test it?

Thanks again,

Greg Farrell
Santa Rosa, California

# 3607. ht4 coils

Yahoo group: T-368_BC-610
Date: 2009-02-08 21:49:48 UTC
From: Alan Morriss
Topic: 3607  Message: 3607

hello guys, hearing about the ht4, are the 10 and 15 metre coils and tuning units possible to get ? it would be nice to run the 610 on these bands if they would fit.
also, it looks as if the smoothing choke for the exciter ht has gone in mine.there is no continuity between the rectifier cathode and the 807 plates or the meter.
i hope it is something else, and will find out when i get the rf deck off. what choke designation made by hammonds will fit ? otherwise i will have to get it rewound. also, does anyone have the brackets from the top of a bc 342/312 ? cheers, alan g4gen

[Non-text portions of this message have been removed]

# 3608. Re: HT-4 Questions

Yahoo group: T-368_BC-610
Date: 2009-02-08 21:52:52 UTC
From: Greg Farrell
Topic: 3603  Message: 3608

Roger,

> See you found us OK!

Yes, thank you for the referral from the Hallicrafters Group.

> That's a real find, and your photos show some detail I've not seen
> before. Someone was posting a couple of weeks ago about some
> problems on his HT-4, so there's at least one other owner here.

>I do have an original manual for the HT-4B/HT-5B and AT-2 if you
> need any info.

Thanks for the offer! Luckily, the seller had the manuals and has
mailed them to me in advance of picking it up next month.

> I believe the HT-4 was first made in 1938, October 38 it appeared in
> QST. After WWII, Hallicrafters released a bunch of BC-610-H models
> designated the HT4-H onto the ham/commercial market.

That explains the cabinet styling on the HT-5B. Looks just like my SX-16.

> It might be worth you downloading the wartime film "Voice of
Victory" as it shows the HT-4 being converted into the BC-610 for war
service. Good close-ups too of '610s being built.

Yes, I have seen that video when someone posted about it on the other
board. It actually is what led me to finding this one. I wasn't
actually shopping for one, but I mentioned it when visiting a
colleagure who has quite a collection and asked him if he had an HT-4.
He said he didn't but his friend did. Then he emailed me a couple of
days later that his friend was thinking about selling his and was I
interested. Well, heck yes!

> Hope this helps,

Thanks! It sure does.

Greg
Santa Rosa, California

# 3609. Re: ht4 coils

Yahoo group: T-368_BC-610
Date: 2009-02-08 21:55:26 UTC
From: g3vkm
Topic: 3607  Message: 3609

Alan,

Sorry to hear you've had problems. Can you send me the part number or a photo of the choke that's down? If you remember I got several chokes and transformers from you with the '610-E.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello guys, hearing about the ht4, are the 10 and 15 metre coils and tuning units possible to get ? it would be nice to run the 610 on these bands if they would fit.
> also, it looks as if the smoothing choke for the exciter ht has gone in mine.there is no continuity between the rectifier cathode and the 807 plates or the meter.
> i hope it is something else, and will find out when i get the rf deck off. what choke designation made by hammonds will fit ? otherwise i will have to get it rewound. also, does anyone have the brackets from the top of a bc 342/312 ? cheers, alan g4gen
>
> [Non-text portions of this message have been removed]
>

# 3610. Re: HT-4 Questions

Yahoo group: T-368_BC-610
Date: 2009-02-08 22:03:42 UTC
From: g3vkm
Topic: 3603  Message: 3610

Hi Greg,

OK, well make sure you have plenty of strong pals around to help you lift that HT-4 when it arrives!

For basic testing, I used a 200 watt light bulb for a dummy load, just connected across the antenna terminals as they do in the VoV film. Since then I've acquired a commercial blower-cooled model that handles >300W at 75 Ohms, but the '610 drives that off-scale on full power so I have stuck a Palstar 300w/3kW SWR/power meter in-line.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Greg Farrell" <gregf@...> wrote:
>
> Roger,
>
> > See you found us OK!
>
> Yes, thank you for the referral from the Hallicrafters Group.
>

# 3611. Re: [T-368_BC-610] ht4 coils

Yahoo group: T-368_BC-610
Date: 2009-02-08 22:04:20 UTC
From: rbethman
Topic: 3607  Message: 3611

Alan,

<Grimace>, Yes, the BC-610 "can" be made to run on 10 mtrs. HOWEVER, that being tossed out there, there is a REAL reason that Uncle Sam did NOT include the coils and TUs for 10 mtrs. Converting the Beast to run 10 mtrs is a NIGHTMARE in actual use!

The Beast ends up crawling with RF! And it does NOT matter how well it is grounded!

Jim, WB2FCN, can give you more information.

B0b - N0DGN

Alan Morriss wrote:
>
> hello guys, hearing about the ht4, are the 10 and 15 metre coils and
> tuning units possible to get ? it would be nice to run the 610 on
> these bands if they would fit.
> also, it looks as if the smoothing choke for the exciter ht has gone
> in mine.there is no continuity between the rectifier cathode and the
> 807 plates or the meter.
> i hope it is something else, and will find out when i get the rf deck
> off. what choke designation made by hammonds will fit ? otherwise i
> will have to get it rewound. also, does anyone have the brackets from
> the top of a bc 342/312 ? cheers, alan g4gen
>
> [Non-text portions of this message have been removed]
>
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

# 3612. New Pictures

Yahoo group: T-368_BC-610
Date: 2009-02-08 23:12:54 UTC
From: m1fdz
Topic: 3612  Message: 3612

Just put some new pictures of my station in the photos section,
enjoy,
73 Max M0GHQ

# 3613. Photo section

Yahoo group: T-368_BC-610
Date: 2009-02-08 23:24:03 UTC
From: John King
Topic: 3613  Message: 3613

How do i view the photos in the photos section. Thanks, John, K5PGW

# 3614. Re: [T-368_BC-610] Photo section

Yahoo group: T-368_BC-610
Date: 2009-02-08 23:32:23 UTC
From: rbethman
Topic: 3613  Message: 3614

John,

Do you see the Yahoo items below the message text?

Click on Photos

John King wrote:
>
>
> How do i view the photos in the photos section. Thanks, John, K5PGW
>
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

# 3615. Re: [T-368_BC-610] Photo section

Yahoo group: T-368_BC-610
Date: 2009-02-09 00:19:44 UTC
From: Joe Foley
Topic: 3613  Message: 3615

http://groups.yahoo.com/group/T-368_BC-610/photos/album/0/list

--- On Sun, 2/8/09, John King <k5pgw@...> wrote:
From: John King <k5pgw@...m>
Subject: [T-368_BC-610] Photo section
To: T-368_BC-610@yahoogroups.com
Date: Sunday, February 8, 2009, 6:24 PM

How do i view the photos in the photos section. Thanks, John, K5PGW

[Non-text portions of this message have been removed]

# 3616. Re: [T-368_BC-610] One BC 610 E MYSTERY WIRE needs a home

Yahoo group: T-368_BC-610
Date: 2009-02-09 00:27:22 UTC
From: wa5cab@cs.com
Topic: 3602  Message: 3616

I don't recall what it was that you originally disconnected wires in order to
do. PL1 and PL2 go to TS1. PL11 goes to TS2. But try checking continuity
between the red wire and the modulator plate current meter. It that's it, pull
the black wire you put on TS1-1 and make sure that it isn't the other one.

In a message dated 2/8/2009 1:10:39 PM Central Standard Time, k5pgw@...
writes:
> Thanks to Sam Cook, I have all of the "dangling wires", EXCEPT ONE,
> connected to "something". Hopefully they are where they belong, correct wire on the
> correct terminal strip and terminal.
>
> HOWEVER I have one wire without a HOME. It is a RED wire that runs from the
> front of the BC 610 E panel to terminal strip area and is laced to a black
> wire that I have put on TS1 Terminal 1 which is chassis ground. There are two
> black wires on terminal 1 of TS1 now. QUESTION IS, where does, what appears to
> be a RED wire, connect? I have run an ohmmeter continuity check between
> every pin on PL 1 and PL 11 and the RED wire. So the question is where does the
> Red wire that doesn't come from either plug connect?
>
> I am so close to the smoke test, but just can't quite make that last
> connection.
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3617. Re: [T-368_BC-610] Re: HT-4 Questions

Yahoo group: T-368_BC-610
Date: 2009-02-09 01:06:35 UTC
From: george portell
Topic: 3603  Message: 3617

hi greg where can i see that vidio of the making of the bc-610 tnx bro geo w8qbg.

--- On Sun, 2/8/09, Greg Farrell <gregf@...> wrote:

From: Greg Farrell <gregf@...>
Subject: [T-368_BC-610] Re: HT-4 Questions
To: T-368_BC-610@yahoogroups.com
Date: Sunday, February 8, 2009, 2:44 PM

Barrie,

> Is an HT-4, or an HT-4B, or what?

I don't actually have the unit in my home yet. I pick it up early next
month. I just sent the seller an email to clarify but supposedly it is
an HT-4 (A?). I asked for the serial number also.

You can see the photos of it in the photo section here.

> I have a very nice and unmodified HT-4B.

Good to know you!

> I'm not expert in such matters. I've been told that very few were
made and sold for civilian use. They were very expensive for that
time period. I've been told that mine was probably made in 1938.

Good thing they got the military contract. At $795, you're right, very
few could afford such a unit. I think the average wage was around
$5-$10/day back then.

> How many are left in private collections?
> I can't answer that question. You are the second person that I know
> of that has one. There must be others, but I don't know where.

Interesting statistic.

> 73, Barrie, W7ALW, Since 1950

I hope to attain my license and call sign sometime this year. In the
meantime, I cannot use the transmitter but it will take me some time
to get a proper power system engineered into it and the antenna that
will work in my hilly area.

Do you have any recommendations for a dummy load antenna I can use to
test it?

Thanks again,

Greg Farrell
Santa Rosa, California

[Non-text portions of this message have been removed]

# 3618. Re: [T-368_BC-610] ht4 coils

Yahoo group: T-368_BC-610
Date: 2009-02-09 01:07:28 UTC
From: Barrie Smith
Topic: 3607  Message: 3618

I've never tried 10M with my HT-fB. I did try 15M several years ago, but I didn't think it was working properly.

I can run 20M FB.

73, Barrie, W7ALW
----- Original Message -----
From: rbethman
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, February 08, 2009 3:04 PM
Subject: Re: [T-368_BC-610] ht4 coils

Alan,

<Grimace>, Yes, the BC-610 "can" be made to run on 10 mtrs. HOWEVER, that being tossed out there, there is a REAL reason that Uncle Sam did NOT include the coils and TUs for 10 mtrs. Converting the Beast to run 10 mtrs is a NIGHTMARE in actual use!

The Beast ends up crawling with RF! And it does NOT matter how well it is grounded!

Jim, WB2FCN, can give you more information.

B0b - N0DGN

Alan Morriss wrote:
>
> hello guys, hearing about the ht4, are the 10 and 15 metre coils and
> tuning units possible to get ? it would be nice to run the 610 on
> these bands if they would fit.
> also, it looks as if the smoothing choke for the exciter ht has gone
> in mine.there is no continuity between the rectifier cathode and the
> 807 plates or the meter.
> i hope it is something else, and will find out when i get the rf deck
> off. what choke designation made by hammonds will fit ? otherwise i
> will have to get it rewound. also, does anyone have the brackets from
> the top of a bc 342/312 ? cheers, alan g4gen
>
> [Non-text portions of this message have been removed]
>
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3619. Re: [T-368_BC-610] One BC 610 E MYSTERY WIRE needs a home

Yahoo group: T-368_BC-610
Date: 2009-02-09 01:22:44 UTC
From: John King
Topic: 3602 Message: 3619

Robert, thanks for the email. I originally lost excitation and recapped the exciter section and replaced almost all resistors. I put it back together and it worked for about 15 minutes and the the 6 hy choke in the low voltage (exciter) power supply shorted and I replaced it with a NEW 5 hy.@ 300ma. choke from Hammond of Canada. I had to remove the RF deck to do that and I had to remove the leads from TB1 and TB2. I am not sure that I got all the leads back where they belong.

I just checked TB1 and TB2 and found that the leads from Pl 1 and PL 2 are on TB1.

I also found that the leads from PL 11 are on TB2.

Somehow there must be a lead in the wrong place and on the incorrect terminal.

I checked with WD5BZO and he stated that the Reddish/Brown wire is on terminal 2 of TB1 in his BC 610 D. I put that lead on TB1 #2 and it made no difference. I have two black leads on terminal 1 of TB1.

It was my impression that there is not supposed to be a lead on TB1 #2!!

Something is wrong. I have very good current on Doubler plate and IPA, but the tuning controls on the tuning unit for tuning of the Doubler plate and Intermediate Amp (807s) have no effect when tuned as far as dipping and peaking per the instructions are concerned. In fact, when the controls on the tuning unit are turned, the current pegs the meter and the #47 bulb in the tuning window gets VERY BRIGHT. VERY LOW GRID CURRENT on the 250 TH.. It looks as if the oscilator, doubler or Intermediate amplifier is taking off.

I made some measurements between the RED/Brown wire and ground with my Fluke and read -8 to -14 volts to ground. With filaments off and OHMs meeasured from Red/Brown wire to ground and exciter plate switch off there is no resistance reading, but when I turn on the exciter plate switch with no power connected, the ohm meter reads some resistance but counts down to very low resistance as if the ohmeter is reading across a Power supply with capacitors.

I am really at a loss about what is wrong. Good current, but goofy symptoms. 73, John K5PGW

--- On Sun, 2/8/09, wa5cab@... <wa5cab@...m> wrote:
From: wa5cab@... <wa5cab@...>
Subject: Re: [T-368_BC-610] One BC 610 E MYSTERY WIRE needs a home
To: T-368_BC-610@yahoogroups.com
Date: Sunday, February 8, 2009, 3:27 PM

I don't recall what it was that you originally disconnected wires in order to

do. PL1 and PL2 go to TS1. PL11 goes to TS2. But try checking continuity

between the red wire and the modulator plate current meter. It that's it, pull

the black wire you put on TS1-1 and make sure that it isn't the other one.

In a message dated 2/8/2009 1:10:39 PM Central Standard Time, k5pgw@yahoo. com writes:

> Thanks to Sam Cook, I have all of the "dangling wires", EXCEPT ONE,
> connected to "something". Hopefully they are where they belong, correct wire on the
> correct terminal strip and terminal.
>
> HOWEVER I have one wire without a HOME. It is a RED wire that runs from the
> front of the BC 610 E panel to terminal strip area and is laced to a black
> wire that I have put on TS1 Terminal 1 which is chassis ground. There are two
> black wires on terminal 1 of TS1 now. QUESTION IS, where does, what appears to
> be a RED wire, connect? I have run an ohmmeter continuity check between
> every pin on PL 1 and PL 11 and the RED wire. So the question is where does the
> Red wire that doesn't come from either plug connect?
>
> I am so close to the smoke test, but just can't quite make that last
> connection.
>

Robert Downs - Houston

wa5cab dot com (Web Store)

MVPA 9480

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3620. Re: HT-4 Questions

Yahoo group: T-368_BC-610
Date: 2009-02-09 02:02:32 UTC
From: Greg Farrell
Topic: 3603  Message: 3620

> hi greg where can i see that vidio of the making of the bc-610 tnx
bro geo w8qbg.

Voice of Victory Part I

http://www.archive.org/details/VoiceofV1944

Voice of Victory Part II

http://www.archive.org/details/VoiceofV1944_2

All free and you have your choice of playback formats, or simply
stream from archive.org

Greg Farrell
Santa Rosa, Californa

# 3621. Re: HT-4 Questions

Yahoo group: T-368_BC-610
Date: 2009-02-09 02:08:45 UTC
From: Greg Farrell
Topic: 3603  Message: 3621

Roger

Do you not run it up to full power output spec?

Also, what is the white box off your antenna leads?

And what is your AC line input power running at? Do you run it through
a step-down transformer?

Thanks,

Greg Farrell
Santa Rosa, California

--- In T-368_BC-610@yahoogroups.com, "g3vkm" <Roger@...> wrote:
>
> Hi Greg,
>
> OK, well make sure you have plenty of strong pals around to help you
> lift that HT-4 when it arrives!
>
> For basic testing, I used a 200 watt light bulb for a dummy load, just
> connected across the antenna terminals as they do in the VoV film.
> Since then I've acquired a commercial blower-cooled model that handles
> >300W at 75 Ohms, but the '610 drives that off-scale on full power so
> I have stuck a Palstar 300w/3kW SWR/power meter in-line.
>
> 73
>
> Roger/G3VKM
>
>
>
> --- In T-368_BC-610@yahoogroups.com, "Greg Farrell" <gregf@> wrote:
> >
> > Roger,
> >
> > > See you found us OK!
> >
> > Yes, thank you for the referral from the Hallicrafters Group.
> >
>

# 3622. Re: HT-4 Questions

Yahoo group: T-368_BC-610
Date: 2009-02-09 02:14:16 UTC
From: Greg Farrell
Topic: 3603  Message: 3622

Hi Barrie,

I just got the answers to my questions regards to model,serial number.

Seller says:

1) It is a HT-4 (no alpha suffix)
2) Serial #1850
3) Also, No, he personally knows of no other civilian versions out there other than this one and yours of course.

Best always,

Greg Farrell
Santa Rosa, California

# 3623. Re: [T-368_BC-610] Re: HT-4 Questions

Yahoo group: T-368_BC-610
Date: 2009-02-09 02:57:45 UTC
From: Barrie Smith
Topic: 3603 Message: 3623

----- Original Message -----
From: Greg Farrell
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, February 08, 2009 7:14 PM
Subject: [T-368_BC-610] Re: HT-4 Questions

Hi Barrie,

I just got the answers to my questions regards to model,serial number.

Seller says:

1) It is a HT-4 (no alpha suffix)
2) Serial #1850
3) Also, No, he personally knows of no other civilian versions out
there other than this one and yours of course.

Best always,

Greg Farrell
Santa Rosa, California

Greg:

If it's a straight HT-4, then it's going to be a bit different than the later models, which shared more with the BC-610.

I have the manual for the HT-4. There are several differences between that transmitter and my HT-4B.

I'll dig that manual out and attempt to let you know what the differences are. In any case, you will need the manual for the HT-4, not the BC-610 (althought there are many similarities).

From what few photos I've seen of the HT-4*, I don't believe that the knobs on your filament and modulation bias adjust are the correct ones.

The HT-4* used the "steering wheel" knob on the final tune, but the knobs on the filament and modulator bias are much smaller. Not that it matters. It wouldn't bother me a bit.

When I first fired my rig up, I used a 100 foot extension cord with a 150 watt light bulb in series. I'm glad I did, since the bulb lit to full brilliance, and one of the modulator tubes did the same.

After I got things tamed, I used a 500 watt flood lamp as a dummy load. Actually made a one-way contact, with a friend, several miles away, listening to me, with the light bulb.

Some other things to consider would be: Are you getting a full compliment of tubes with the transmitter? The 250TH final, and the 100TH modulators are getting a bit scarce and more

than a bit pricey.

What about tuning units and final coils? You will need a TU and final coil for every band.

Also, and I've asked this question in the past, with no response, does your HT-4 have four ceramic pillars, with banana sockets, on a shelf, in the left-rear of the RF compartment?

My transmitter does. I have been told that this was a socket for a fixed air-capacitor for operation on the lower bands.

I have the socket. I do not have the cpacitor. I use a vacuum capacitor for operation on 160M. I have a 1.5 to 2.0 tank coil that I can use for 160M, without the vacuum cap, but it has a two-turn, fixed link. I can't load up to more than about 250 watts output with that coil.

I use the 2.0 to 3.5 coil, with a 50 pf vacuum cap, for 160. I can easily load to 400 watts output with that arrangement.

73, Barrie, W7ALW, Since 1950

[Non-text portions of this message have been removed]

# 3624. Re: [T-368_BC-610] Re: HT-4 Questions

Yahoo group: T-368_BC-610
Date: 2009-02-09 03:18:00 UTC
From: wa5cab@cs.com
Topic: 3603  Message: 3624

There's an HT-4 here in Houston. A friend in NJ had an HT-4-G a few years back but I'm not certain that he still has it.

In a message dated 2/8/2009 8:14:25 PM Central Standard Time, gregf@... writes:

> Hi Barrie,
>
> I just got the answers to my questions regards to model,serial number.
>
> Seller says:
>
> 1) It is a HT-4 (no alpha suffix)
> 2) Serial #1850
> 3) Also, No, he personally knows of no other civilian versions out
> there other than this one and yours of course.
>
> Best always,
>
> Greg Farrell
> Santa Rosa, California
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3625. Re: [T-368_BC-610] Re: HT-4 Questions

Yahoo group: T-368_BC-610
Date: 2009-02-09 05:37:17 UTC
From: george portell
Topic: 3603  Message: 3625

hi greg tnx a lot the vidio was great bro geo w8qbg.

--- On Sun, 2/8/09, Greg Farrell <gregf@...> wrote:

From: Greg Farrell <gregf@...>
Subject: [T-368_BC-610] Re: HT-4 Questions
To: T-368_BC-610@yahoogroups.com
Date: Sunday, February 8, 2009, 7:02 PM

> hi greg where can i see that vidio of the making of the bc-610 tnx
bro geo w8qbg.

Voice of Victory Part I

http://www.archive. org/details/ VoiceofV1944

Voice of Victory Part II

http://www.archive. org/details/ VoiceofV1944_ 2

All free and you have your choice of playback formats, or simply
stream from archive.org

Greg Farrell
Santa Rosa, Californa

[Non-text portions of this message have been removed]

# 3626. More on the HT-4 - BC-610 Story

Yahoo group: T-368_BC-610
Date: 2009-02-09 06:58:45 UTC
From: Greg Farrell
Topic: 3626 Message: 3626

Digging around the internet, hard to find much on the HT-4 which evolved to the BC-610. What a rich history and tribute to both transmitter designs, though, found in this US Army history website.

http://www.gordon.army.mil/ocos/ac/WWII/SCR299.asp

by Ted Wise

The Signal Corps' SCR-299 is the best example of Yankee ingenuity before U.S. entry into World War II. The 299 was the civilian and military communications experts' effort to give a long-range communication advantage to the U.S. Army and its allies.

Military observers were unanimous that the success of modern, fast-moving "blitz" tactics was directly linked to how efficient armies' communications systems were. Up to 1940, communications by messenger, signal flags, telephone and other signal devices had been adequate to meet the challenge of the slower-moving military machinery.

However, Germany's initial successes in a highly mechanized form of warfare were attributed to their efficient and highly reliable communications system ☐ the lightning-like movements of their panzer divisions could be coordinated and timed for split-second action. These tactics produced an ever-changing battle line ranging over distances of many hundreds of miles.

Communications officers could see that if the United States became involved in the war, our army also would have to be equipped with modern communications to coordinate our combined ground, air, sea and armored forces ☐ none could function efficiently without the others' aid.

To meet these demands, a high-powered radio transmitter was required ☐ capable of infallible voice communications over 100 miles; self-powered; sturdy enough to work in all conditions (cold North, hot South, jungle humidity or dry desert heat); flexible enough to cover a wide range of frequencies; and able to operate in motion or at fixed locations. It had to be entirely independent in its mobility-containing repair and replacement parts to ensure its continued operation on detached missions.
"Olmstead's Baby"

The problem to find, procure, test and field such a unit under all conditions ☐ and produce it in time to give our army what it needed ☐was the concern of Col. Roger Colton, chief of engineering and technical services at Fort Monmouth, N.J.

"Olmstead's Baby," as the project was called (after the Chief Signal Officer at the time), was to find commercial and military parts already produced and make them work together. Colton's program gathered commercially built transmitters with the necessary requirements for Signal Corps adaptation. Out of the various sets sent from U.S. vendors, and after considerable experimentation, Hallicrafters' Standard HT-4 transmitter was chosen as the desired radio's basis.

Production began in early spring 1942. The HT-4 ☐ designed for amateur use and commercially available for several years ☐ was compact and stable. It could deliver 325 watts of power on voice and 450 watts on code. It was crystal-controlled but provided optimal use of the master-oscillator power amplifier and was able to work over a wide range of frequencies.

The Signal Corps' requested changes were achieved by Hallicrafters' engineers working with Army technicians at Fort Monmouth. Adapting the transmitter to military use required incorporating minor changes, augmenting the basic unit with more electronic devices ☐ permitting the transmitter to handle a wider range of frequencies ☐ and standardizing control equipment.
Toughening the equipment

The engineers and techs strengthened the steel cabinets and shock-proofed individual units so they could withstand the terrific pounding they'd encounter in military vehicles. Cables, connectors and plugs were designed specially to permit the extreme flexibility of operations in motion.

Also, some component parts had to be treated specially to prevent the corrosion likely in some climates.

Other minor changes included adding several relays to permit automatic changeover of military- operations circuits. The engineers designed an overload relay system that proved to be completely chatter- proof. An ordinary relay would kick out when traveling over rough terrain; reset controls were placed on the unit's front panel and made readily accessible to operators.
Other improvements

A master oscillator was also designed which provided continuous coverage without a maze of crystals ground to the many frequencies required for military communications. A switch on the tuning unit controlled the changeover from crystal to master oscillator.

The antenna problem was met after much experimentation by designing a vertical whip some 35 feet long. To match the antenna to the transmitter's wide frequency ranges, a special antenna coupler was designed to allow accurate loading at any frequency the transmitter covered. Commercial engineers devised a continuously variable network which, when connected to the vertical, provided the necessary matching required.

The SCR-299's variety of replacement parts were packed uniformly and standardized for easy location.

After mechanical considerations were met and a layout adopted for the various units, the Signal Corps techs turned their attention to designing a suitable truck. A 1 1/2-ton capacity truck would be required, with a dual operation system for the two operators on duty at all times. Either of the operators would have complete control of receiving and transmitting equipment.

Also, another unit (trailer) was required to transport the gasoline generator that powered the transmitter, receivers and communications-truck lighting. The two units had to be separated so mechanical vibration as well as the generator's noise wouldn't interfere with communications.

Field telephones with plenty of cable were carried in each unit. They were used either as interphones or to control and modulate the transmitter from a remote point.
Vital links

The HT-4 transmitter's new version became known as the BC-610 transmitter. The receivers finally supplied were the BC-312 and BC-342, plus the BC-614 (speech amplifier), BC-729 (tuning unit) and BC-211 (frequency meter), along with the PE-95 (power unit). All these became part of the truck-and- trailer unit called the SCR-299 ☐ later better known as the "mobile communications unit."

The SCR-299 was part of the first equipment to land on the African shores and did yeoman duty during those hectic days when the fate of the United Nations' African campaign was in the balance. For long periods it was the only means of communication linking Oran and England, Oran and Casablanca, Gibraltar, Algiers and Accra.

By this time our allies had heard of this famous equipment that gave such phenomenal results and, through Lend-Lease, gained many complete units. British generals Montgomery and Alexander used the SCR-299 to coordinate their successful efforts against the Germans in North Africa.

Gen. Dwight Eisenhower credited the SCR-299 in his successful reorganization of the American forces and final defeat of the Nazis at Kasserine Pass. In the invasion of Sicily and later Italy, the SCR-299 was used with telling results.

Though the original Signal Corps requirements were for communication points up to 100 miles, under favorable conditions these transmitters made and maintained contact over 2,300 miles of land and sea.

Without adequate communications, the Army's numerous divisions couldn't have been used to their fullest. World War II proved communications and split-second timing were crucial in overpowering Germany's panzer units. The SCR-299 provided the necessary answer to the Blitz.

Mr. Wise, curator of the Signal Corps' museum at Fort Gordon, Ga., has a bachelor's degree in graphic art/art history from Cameron University and a graduate degree in museum studies from University of South Carolina.

# 3627. Re: [T-368_BC-610] Re: HT-4 Questions

Yahoo group: T-368_BC-610
Date: 2009-02-09 07:14:51 UTC
From: Gregory Cotton
Topic: 3603  Message: 3627

You can find the video here on YouTube...

w8qbg@...

and a DVD here on Ebay...

http://cgi.ebay.com/1944-HALLICRAFTERS-HT-4-BC-610-Promo-WWII-FILM-on-DVD_W0QQitemZ350151829766QQihZ022QQcategoryZ617QQssPageNameZWD1VQQrdZ1QQcmdZViewItemQQ_trksidZp1638Q2em118Q2el1247

On Sun, Feb 8, 2009 at 7:06 PM, george portell <w8qbg@...> wrote:

> hi greg where can i see that vidio of the making of the bc-610 tnx bro
> geo w8qbg.
>
> --- On Sun, 2/8/09, Greg Farrell <gregf@... <gregf%40pon.net>> wrote:
>
> From: Greg Farrell <gregf@... <gregf%40pon.net>>
> Subject: [T-368_BC-610] Re: HT-4 Questions
> To: T-368_BC-610@yahoogroups.com <T-368_BC-610%40yahoogroups.com>
> Date: Sunday, February 8, 2009, 2:44 PM
>
> Barrie,
>
> > Is an HT-4, or an HT-4B, or what?
>
> I don't actually have the unit in my home yet. I pick it up early next
> month. I just sent the seller an email to clarify but supposedly it is
> an HT-4 (A?). I asked for the serial number also.
>
> You can see the photos of it in the photo section here.
>
> > I have a very nice and unmodified HT-4B.
>
> Good to know you!
>
> > I'm not expert in such matters. I've been told that very few were
> made and sold for civilian use. They were very expensive for that
> time period. I've been told that mine was probably made in 1938.
>
> Good thing they got the military contract. At $795, you're right, very
> few could afford such a unit. I think the average wage was around
> $5-$10/day back then.
>
> > How many are left in private collections?
> > I can't answer that question. You are the second person that I know

> > of that has one. There must be others, but I don't know where.
>
> Interesting statistic.
>
> > 73, Barrie, W7ALW, Since 1950
>
> I hope to attain my license and call sign sometime this year. In the
> meantime, I cannot use the transmitter but it will take me some time
> to get a proper power system engineered into it and the antenna that
> will work in my hilly area.
>
> Do you have any recommendations for a dummy load antenna I can use to
> test it?
>
> Thanks again,
>
> Greg Farrell
> Santa Rosa, California
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

# 3628. Re: [T-368_BC-610] More on the HT-4 - BC-610 Story

Yahoo group: T-368_BC-610
Date: 2009-02-09 07:25:13 UTC
From: wa5cab@cs.com
Topic: 3626  Message: 3628

Interesting (I've read it before), but there are a few errors. First, the Signal Corps at Fort Monmouth employed engineers, too (my Elmer, W5MO, was one). Not just technicians. And Hallicrafters employed technichians, not just engineers. The antenna used while in motion was the standard 15 foot whip, not a 35 foot vertical. Can you imagine driving around with a 35 foot tall antenna? Third, the BC-614-A was adapted from the HT-5 as the BC-610-A was adapted from the HT-4. The BC-729 was purpose built for the SCR-299-A (and later replaced by the BC-939-A) but the rest of the major components except maybe the 1-1/2 ton Chevrolet Van were already in service and simply incorporated. Fourth, the frequency meter was the SCR-211 (major component the BC-221), not the BC-211.

In a message dated 2/9/2009 12:58:53 AM Central Standard Time, gregf@... writes:
> Digging around the internet, hard to find much on the HT-4 which
> evolved to the BC-610. What a rich history and tribute to both
> transmitter designs, though, found in this US Army history website.
>
> http://www.gordon.army.mil/ocos/ac/WWII/SCR299.asp
>
> by Ted Wise
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3629. Re: HT-4 Questions

Yahoo group: T-368_BC-610
Date: 2009-02-09 07:30:58 UTC
From: g3vkm
Topic: 3603  Message: 3629

Hi Greg,

That box was a Heathkit B-1U balun that I experimented with to feed my doublet antenna. It wasn't rated at full power so I built my own replica of the AT-2, which works OK.

The domestic supply voltage in the UK is 230 V at 50hz so I use a "site transformer" (the yellow thing to the right of the '610) to step the voltage down for American gear. The site transformer only gives 110V, (it's designed to power electric tools like drills outdoors) so the '610 tends to run a little low on output, plus the antenna relay buzzes like mad due to being designed for 60Hz!

We in the UK have lower output power limits than the US, 400 watts PEP max, so the '610 is fine on CW but you have to keep it throttled-back for AM :-))

Reference the use of the HT-4 and BC-610 on the higher HF bands, the best I've managed is 18MHz.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Greg Farrell" <gregf@...> wrote:
>
> Roger
>
> Do you not run it up to full power output spec?
>
> Also, what is the white box off your antenna leads?
>
> And what is your AC line input power running at? Do you run it through
> a step-down transformer?
>
>
> Thanks,
>
> Greg Farrell
> Santa Rosa, California
>
>
>

# 3630. Re: [T-368_BC-610] Re: HT-4 Questions

Yahoo group: T-368_BC-610
Date: 2009-02-09 08:07:54 UTC
From: w7qho
Topic: 3603  Message: 3630

On Feb 8, 2009, at 11:30:58 PM, g3vkm <Roger@...> wrote:
The domestic supply voltage in the UK is 230 V at 50hz so I use a
"site transformer" (the yellow thing to the right of the '610) to step
the voltage down for American gear. The site transformer only gives
110V, (it's designed to power electric tools like drills outdoors)
-
Roger,

Had forgotten about those, 55 volts each side of a grounded center tap.
Safety scheme as I remember.

Dennis D.  W7QHO (ex G5BSW)
Glendale, CA

[Non-text portions of this message have been removed]

# 3631. Re: [T-368_BC-610] Re: ht4 coils

Yahoo group: T-368_BC-610
Date: 2009-02-09 09:02:33 UTC
From: Alan Morriss
Topic: 3607  Message: 3631

hello roger, it is the main smoothing choke,L1. of course, i don' know definitely until i have checked it, but i cant think of anything else. cheers, alan
----- Original Message -----
From: g3vkm
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, February 08, 2009 9:55 PM
Subject: [T-368_BC-610] Re: ht4 coils

Alan,

Sorry to hear you've had problems. Can you send me the part number or a photo of the choke that's down? If you remember I got several chokes and transformers from you with the '610-E.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello guys, hearing about the ht4, are the 10 and 15 metre coils and tuning units possible to get ? it would be nice to run the 610 on these bands if they would fit.
> also, it looks as if the smoothing choke for the exciter ht has gone in mine.there is no continuity between the rectifier cathode and the 807 plates or the meter.
> i hope it is something else, and will find out when i get the rf deck off. what choke designation made by hammonds will fit ? otherwise i will have to get it rewound. also, does anyone have the brackets from the top of a bc 342/312 ? cheers, alan g4gen
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 3632. Re: [SPAM]Re: [T-368_BC-610] ht4 coils

Yahoo group: T-368_BC-610
Date: 2009-02-09 09:04:15 UTC
From: Alan Morriss
Topic: 3632  Message: 3632

thanks bob, i'll stick to 20 for dx then ! cheers alan
----- Original Message -----
From: rbethman
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, February 08, 2009 10:04 PM
Subject: [SPAM]Re: [T-368_BC-610] ht4 coils

Alan,

<Grimace>, Yes, the BC-610 "can" be made to run on 10 mtrs. HOWEVER, that being tossed out there, there is a REAL reason that Uncle Sam did NOT include the coils and TUs for 10 mtrs. Converting the Beast to run 10 mtrs is a NIGHTMARE in actual use!

The Beast ends up crawling with RF! And it does NOT matter how well it is grounded!

Jim, WB2FCN, can give you more information.

B0b - N0DGN

Alan Morriss wrote:
>
> hello guys, hearing about the ht4, are the 10 and 15 metre coils and
> tuning units possible to get ? it would be nice to run the 610 on
> these bands if they would fit.
> also, it looks as if the smoothing choke for the exciter ht has gone
> in mine.there is no continuity between the rectifier cathode and the
> 807 plates or the meter.
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> off. what choke designation made by hammonds will fit ? otherwise i
> will have to get it rewound. also, does anyone have the brackets from
> the top of a bc 342/312 ? cheers, alan g4gen
>
> [Non-text portions of this message have been removed]
>
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3633. Re: [SPAM]Re: [T-368_BC-610] Re: HT-4 Questions

Yahoo group: T-368_BC-610
Date: 2009-02-09 09:20:31 UTC
From: Alan Morriss
Topic: 3633  Message: 3633

hello again. i use the same transformer as roger. i did use one which had been powering a link trainer, but the voltage was around 120, so i went over to the plant one. my only trouble with it is that the truck is live to earth through the t/r relay, as when i ground it, the relay goes over . i ground it through a large capacitor.
all works well that way. we carry the transformer inside for military vehicle shows when we are using a commercial generator to power it. the pe 95 is next on the list for restoration, but at some time it was converted for 220v, and we have to reverse that. alan

----- Original Message -----
From: w7qho
To: T-368/BC-610 Group
Cc: T-368/BC-610 Group
Sent: Monday, February 09, 2009 8:07 AM
Subject: [SPAM]Re: [T-368_BC-610] Re: HT-4 Questions

On Feb 8, 2009, at 11:30:58 PM, g3vkm <Roger@...> wrote:
The domestic supply voltage in the UK is 230 V at 50hz so I use a
"site transformer" (the yellow thing to the right of the '610) to step
the voltage down for American gear. The site transformer only gives
110V, (it's designed to power electric tools like drills outdoors)
-
Roger,

Had forgotten about those, 55 volts each side of a grounded center tap.
Safety scheme as I remember.

Dennis D. W7QHO (ex G5BSW)
Glendale, CA

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3634. Re: [T-368_BC-610] Re: HT-4 Questions

Yahoo group: T-368_BC-610
Date: 2009-02-09 09:46:26 UTC
From: g3vkm
Topic: 3633  Message: 3634

Hi Alan,

I will take a look and see what spare iron I have in the shed.

One comment about those site transformers; I had some rewiring done in the house recently and afterwards the main breaker that supplies the shack kept tripping each time I powered either of my two site transformers. I found that was due to the inrush current when you power up, and uprating the breaker cured it.

Also, I had a few problems with the protective multiple earth breaker going off when I powered up the BC-610. This I traced to the grounded secondary centre tap on those site transformers, removing the tap cured the problem. The tap is there to ensure that the maximum voltage on a power tool is only 55 volts above ground and thereby reduces the shock hazard.

I now have one untapped transformer dedicated to the '610 and no trips.

Hope this helps, I will send you e-mail about the Choke.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello again. i use the same transformer as roger. i did use one which had been powering a link trainer, but the voltage was around 120, so i went over to the plant one. my only trouble with it is that the truck is live to earth through the t/r relay, as when i ground it, the relay goes over . i ground it through a large capacitor.
> all works well that way. we carry the transformer inside for military vehicle shows when we are using a commercial generator to power it. the pe 95 is next on the list for restoration, but at some time it was converted for 220v, and we have to reverse that. alan
>
> ----- Original Message -----
> From: w7qho
> To: T-368/BC-610 Group
> Cc: T-368/BC-610 Group
> Sent: Monday, February 09, 2009 8:07 AM
> Subject: [SPAM]Re: [T-368_BC-610] Re: HT-4 Questions
>
>
>
> On Feb 8, 2009, at 11:30:58 PM, g3vkm <Roger@...> wrote:

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> the voltage down for American gear. The site transformer only gives
> 110V, (it's designed to power electric tools like drills outdoors)
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> Roger,
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> Had forgotten about those, 55 volts each side of a grounded center
tap.
> Safety scheme as I remember.
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> Dennis D. W7QHO (ex G5BSW)
> Glendale, CA
>
> [Non-text portions of this message have been removed]
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 3635. Re: HT-4 Questions

Yahoo group: T-368_BC-610
Date: 2009-02-09 09:50:55 UTC
From: g3vkm
Topic: 3603  Message: 3635

Hi Dennis,

Yes, that's right, the worst shock you should get if you cut through
the power cord or drop the power tool in a puddle is 55 V to ground.
I've not had to put that to the test myself :-)) but it's now
mandatory in the EC for all power tools in the workplace to be 110V.
Only a matter of time before the HSE police extend that to the home, IMHO.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, w7qho <w7qho@...> wrote:
>
>
> On Feb 8, 2009, at 11:30:58 PM, g3vkm <Roger@...> wrote:
> The domestic supply voltage in the UK is 230 V at 50hz so I use a
> "site transformer" (the yellow thing to the right of the '610) to step
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> 110V, (it's designed to power electric tools like drills outdoors)
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> Roger,
>
> Had forgotten about those, 55 volts each side of a grounded center
tap.
> Safety scheme as I remember.
>
> Dennis D.  W7QHO (ex G5BSW)
> Glendale, CA
>
>
> [Non-text portions of this message have been removed]
>

# 3636. Re: [T-368_BC-610] Re: HT-4 Questions

Yahoo group: T-368_BC-610
Date: 2009-02-09 11:34:11 UTC
From: Alan Morriss
Topic: 3603  Message: 3636

ah ! now i see. i had no idea the centre tap was grounded. off it comes. cheers, alan
----- Original Message -----
From: g3vkm
To: T-368_BC-610@yahoogroups.com
Sent: Monday, February 09, 2009 9:46 AM
Subject: Re: [T-368_BC-610] Re: HT-4 Questions

Hi Alan,

I will take a look and see what spare iron I have in the shed.

One comment about those site transformers; I had some rewiring done in
the house recently and afterwards the main breaker that supplies the
shack kept tripping each time I powered either of my two site
transformers. I found that was due to the inrush current when you
power up, and uprating the breaker cured it.

Also, I had a few problems with the protective multiple earth breaker
going off when I powered up the BC-610. This I traced to the grounded
secondary centre tap on those site transformers, removing the tap
cured the problem. The tap is there to ensure that the maximum voltage
on a power tool is only 55 volts above ground and thereby reduces the
shock hazard.

I now have one untapped transformer dedicated to the '610 and no trips.

Hope this helps, I will send you e-mail about the Choke.

73

Roger/G3VKM

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> hello again. i use the same transformer as roger. i did use one
which had been powering a link trainer, but the voltage was around
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the truck is live to earth through the t/r relay, as when i ground it,
the relay goes over . i ground it through a large capacitor.
> all works well that way. we carry the transformer inside for
military vehicle shows when we are using a commercial generator to
power it. the pe 95 is next on the list for restoration, but at some
time it was converted for 220v, and we have to reverse that. alan
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> ----- Original Message -----
> From: w7qho
> To: T-368/BC-610 Group

> Cc: T-368/BC-610 Group
> Sent: Monday, February 09, 2009 8:07 AM
> Subject: [SPAM]Re: [T-368_BC-610] Re: HT-4 Questions
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>
>
> On Feb 8, 2009, at 11:30:58 PM, g3vkm <Roger@...> wrote:
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> 110V, (it's designed to power electric tools like drills outdoors)
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> Had forgotten about those, 55 volts each side of a grounded center
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> Dennis D. W7QHO (ex G5BSW)
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> [Non-text portions of this message have been removed]
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 3637. Re: [T-368_BC-610] Photo section

Yahoo group: T-368_BC-610
Date: 2009-02-09 13:25:24 UTC
From: Geoff/W5OMR
Topic: 3613  Message: 3637

rbethman wrote:
> John,
>
> Do you see the Yahoo items below the message text?
>
> Click on Photos
>
> John King wrote:
>
>> How do i view the photos in the photos section. Thanks, John, K5PGW

That may not be actually beneficial, in some cases.

Take me, for example. I chose to have the messages delivered to my inbox, on my local mail client. When there's a need, such as look at pictures, or grab a schematic or something, then I'll go to the actual web-site. Going there to read/reply/interact with mail is a royal pain.

So, probably the best answer is, you'll have to go -to- the Yahoo website (that's listed at the bottom of every message), log in, and see what all is there.

Congrats to the chap who recently came into an HT-4. Here's hoping you get your ham ticket, soon. As far as a dummy-load, any hamfest will have a dozen or so Heathkit 'Cantenna' oil-filled dummy loads. They're good for around a kW. Failing that, I'd find a 500w flood-lamp.

250TH's... on 28MHz? Oooo... that's not a good idea. While the tube-data sheets show 40Mc as the highest frequency, triodes, much above 20Mc, become (in my experience) 'unstable'. I don't know the exact correlation, but I'm guessing it has something to do with the thoriated tungsten in the filaments and the extremely fragile grid-cage that limits the frequency.

--
73 = Best Regards,
-Geoff/W5OMR

# 3638. Re: More on the HT-4 - BC-610 Story

Yahoo group: T-368_BC-610
Date: 2009-02-10 02:00:25 UTC
From: Greg Farrell
Topic: 3626  Message: 3638

Hi Robert,

Thanks for the clarifications. The details are so important to have them right. Have you tried contacting the author or webmaster to set him straight?

I kinda wondered about that claim about the 35' whip antenna. I could see a fix or telescoping antenna being 35' but all the whips I have ever seen are typically 15' or less. I chuckled over your remark about driving around with one. My imagination started running wild.... "watch out of that tree up ahead..dang! Whack! Darn! There goes another antenna! Darn, darn darn! They told me to watch out for trees, wires, overpasses....oh, how will I explain this to the supply sargent, again".

Best always,

Greg Farrell
Santa Rosa, California

--- In T-368_BC-610@yahoogroups.com, wa5cab@... wrote:
>
> Interesting (I've read it before), but there are a few errors. First, the
> Signal Corps at Fort Monmouth employed engineers, too (my Elmer, W5MO, was one).
> Not just technicians. And Hallicrafters employed technichians, not just
> engineers. The antenna used while in motion was the standard 15 foot whip, not a
> 35 foot vertical. Can you imagine driving around with a 35 foot tall
> antenna? Third, the BC-614-A was adapted from the HT-5 as the BC-610-A was adapted
> from the HT-4. The BC-729 was purpose built for the SCR-299-A (and later
> replaced by the BC-939-A) but the rest of the major components except maybe the
> 1-1/2 ton Chevrolet Van were already in service and simply incorporated. Fourth,
> the frequency meter was the SCR-211 (major component the BC-221), not the
> BC-211.
>
> In a message dated 2/9/2009 12:58:53 AM Central Standard Time, gregf@...
> writes:

> > Digging around the internet, hard to find much on the HT-4 which
> > evolved to the BC-610. What a rich history and tribute to both
> > transmitter designs, though, found in this US Army history website.
> >
> > http://www.gordon.army.mil/ocos/ac/WWII/SCR299.asp
> >
> > by Ted Wise
> >
>
> Robert Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
>
> [Non-text portions of this message have been removed]
>

# 3639. Re: [T-368_BC-610] Re: More on the HT-4 - BC-610 Story

Yahoo group: T-368_BC-610
Date: 2009-02-10 02:37:48 UTC
From: Robert Heaton
Topic: 3626  Message: 3639

I think you guts missed the "qualifier"

CAPABILE of 35 ft .
we put some in seies for other purposes, and they loaded just fine.
not driving down the road, or thru the trenches, of course....hi..hi..

73, BoB.
wb4jpz1@...

--- On Mon, 2/9/09, Greg Farrell <gregf@...> wrote:

From: Greg Farrell <gregf@...>
Subject: [T-368_BC-610] Re: More on the HT-4 - BC-610 Story
To: T-368_BC-610@yahoogroups.com
Date: Monday, February 9, 2009, 9:00 PM

Hi Robert,

Thanks for the clarifications. The details are so important to have
them right. Have you tried contacting the author or webmaster to set
him straight?

I kinda wondered about that claim about the 35' whip antenna. I could
see a fix or telescoping antenna being 35' but all the whips I have
ever seen are typically 15' or less. I chuckled over your remark about
driving around with one. My imagination started running wild....
"watch out of that tree up ahead..dang! Whack! Darn! There goes
another antenna! Darn, darn darn! They told me to watch out for trees,
wires, overpasses.. ..oh, how will I explain this to the supply
sargent, again".

Best always,

Greg Farrell
Santa Rosa, California

--- In T-368_BC-610@ yahoogroups. com, wa5cab@... wrote:
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First, the
> Signal Corps at Fort Monmouth employed engineers, too (my Elmer,
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> Not just technicians. And Hallicrafters employed technichians, not
just
> engineers. The antenna used while in motion was the standard 15
foot whip, not a
> 35 foot vertical. Can you imagine driving around with a 35 foot tall

> antenna? Third, the BC-614-A was adapted from the HT-5 as the
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> from the HT-4. The BC-729 was purpose built for the SCR-299-A (and
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> replaced by the BC-939-A) but the rest of the major components
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> 1-1/2 ton Chevrolet Van were already in service and simply
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> MVPA 9480
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 3640. Re: [T-368_BC-610] Re: More on the HT-4 - BC-610 Story

Yahoo group: T-368_BC-610
Date: 2009-02-10 02:56:10 UTC
From: Robert Heaton
Topic: 3626  Message: 3640

Not to belabor the subject, but do any of you guys rember when they were called TBL .. ,TBK and other USN guys ? Same fellows, best as i can remember. And they sure burned some rf into the bad guys hi..hi..
In fact, i had one knock me down to the deck..i was a slow learner..

73, BoB.
wb4jpz1@...

--- On Mon, 2/9/09, Robert Heaton <wb4jpz1@...> wrote:

From: Robert Heaton <wb4jpz1@...>
Subject: Re: [T-368_BC-610] Re: More on the HT-4 - BC-610 Story
To: T-368_BC-610@yahoogroups.com
Date: Monday, February 9, 2009, 9:37 PM

I think you guts missed the "qualifier"

CAPABILE of 35 ft .
we put some in seies for other purposes, and they loaded just fine.
not driving down the road, or thru the trenches, of course....hi. .hi..

73, BoB.
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From: Greg Farrell <gregf@...>
Subject: [T-368_BC-610] Re: More on the HT-4 - BC-610 Story
To: T-368_BC-610@ yahoogroups. com
Date: Monday, February 9, 2009, 9:00 PM

Hi Robert,

Thanks for the clarifications. The details are so important to have them right. Have you tried contacting the author or webmaster to set him straight?

I kinda wondered about that claim about the 35' whip antenna. I could see a fix or telescoping antenna being 35' but all the whips I have ever seen are typically 15' or less. I chuckled over your remark about driving around with one. My imagination started running wild.... "watch out of that tree up ahead..dang! Whack! Darn! There goes another antenna! Darn, darn darn! They told me to watch out for trees, wires, overpasses.. ..oh, how will I explain this to the supply sargent, again".

Best always,

Greg Farrell
Santa Rosa, California

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> engineers. The antenna used while in motion was the standard 15
foot whip, not a
> 35 foot vertical. Can you imagine driving around with a 35 foot tall
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>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3641. Re: [T-368_BC-610] Re: More on the HT-4 - BC-610 Story "Longish"

Yahoo group: T-368_BC-610
Date: 2009-02-10 02:59:50 UTC
From: James M. Walker
Topic: 3641  Message: 3641

Ah Guys,
Some of the "corn-fusion" is most likely from folks watching the
hallicrafters
story of the BC-610 used in the pacific theater actions.

As a clarification, there are whips for use on trucks, 15 ft, usually, the
AN/GRC-26
started out with a BC-610(*) and BC-34X series receivers, and a BC-939(*)
antenna coupler. The receivers were connected to the two whips forward of
the
shelter (when mobile) one for each receiver. The BC-610(*) was connected to
a third whip antenna at the rear of the shelter, that whip was matched to
the '610
by the BC-939. A note of great importance here, it was NOT advisable to lean
against a parked AN/GRC-26 when the transmitter was operating as RF Burns
would and did result.

AS for the 15 Ft. height thing that I believe was an arbitrary number that
came
about in dealing with the "Wire Rats", who usually ran their WD-1 wires down
the sides of the road,
mostly in ditches, but sometimes up in the trees so they wouldn't get snaged
by passing vehicles, at that time I think the tank retrieval vehicles were
the
tallest if the boom was in use at about 20 feet, the whip antennas on the 2
and 1/2 ton trucks and the
jeeps and 3/4 ton vehicles all used the 15 ft length, some were allowed to
be
vertical, most were indeed bent forward or rearward to lower the overall
height.

As for the "35 foot vertical, Not happening for mobile use as even though
there were not a lot ov over-passes, there when tunnels through the
mountains
in the European countries, mak height approx. 25 feet, stick a "Duece and a
half in there
and that doesn't leave a lot of room.
FWIW
Jim
WB2FCN
for more info go to http://eshop1.chem.buffalo.edu/an-gra-4.html

----- Original Message -----
From: "Robert Heaton" <wb4jpz1@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Monday, February 09, 2009 9:37 PM

Subject: Re: [T-368_BC-610] Re: More on the HT-4 - BC-610 Story

I think you guts missed the "qualifier"

CAPABILE of 35 ft .
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Best always,

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> Interesting (I've read it before), but there are a few errors.
First, the
> Signal Corps at Fort Monmouth employed engineers, too (my Elmer,
W5MO, was one).
> Not just technicians. And Hallicrafters employed technichians, not
just
> engineers. The antenna used while in motion was the standard 15
foot whip, not a
> 35 foot vertical. Can you imagine driving around with a 35 foot tall
> antenna? Third, the BC-614-A was adapted from the HT-5 as the
BC-610-A was adapted
> from the HT-4. The BC-729 was purpose built for the SCR-299-A (and
later

> replaced by the BC-939-A) but the rest of the major components
except maybe the
> 1-1/2 ton Chevrolet Van were already in service and simply
incorporated. Fourth,
> the frequency meter was the SCR-211 (major component the BC-221),
not the
> BC-211.
>
> In a message dated 2/9/2009 12:58:53 AM Central Standard Time,
gregf@...
> writes:
> > Digging around the internet, hard to find much on the HT-4 which
> > evolved to the BC-610. What a rich history and tribute to both
> > transmitter designs, though, found in this US Army history website.
> >
> > http://www.gordon. army.mil/ ocos/ac/WWII/ SCR299.asp
> >
> > by Ted Wise
> >
>
> Robert Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
>
> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

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Yahoo! Groups Links

# 3642. RE: [T-368_BC-610] Re: More on the HT-4 - BC-610 Story

Yahoo group: T-368_BC-610
Date: 2009-02-10 03:19:54 UTC
From: Meir WF2U
Topic: 3626  Message: 3642

Sorry, HT-4/BC-610 transmitters were never called TBL or TBK or any such Navy nomenclature. The TBL and TBK, etc. Navy transmitters are completely different animals and they don't even resemble the BC-610.

73, Meir WF2U
Landrum, SC

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Robert Heaton
Sent: Monday, February 09, 2009 9:56 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] Re: More on the HT-4 - BC-610 Story

Not to belabor the subject, but do any of you guys rember when they were called TBL ..  ,TBK and other USN guys ?  Same fellows, best as i can remember. And they sure burned some rf into the bad guys  hi..hi..
In fact, i had one knock me down to the deck..i was a slow learner..

73, BoB.
wb4jpz1@...

# 3643. Re: [T-368_BC-610] Re: More on the HT-4 - BC-610 Story

Yahoo group: T-368_BC-610
Date: 2009-02-10 03:36:56 UTC
From: wa5cab@cs.com
Topic: 3626  Message: 3643

No. I didn't try to get it corrected. The Army at Fort Gordon doesn't apparently appreciate being corrected. Several years ago I tried to get them to correct some errors in their listing of WW-II Signal Corps equipment but never had even an ACK. The errors are still there. Maybe I shouldn't have mentioned being Navy. :-)

In a message dated 2/9/2009 8:00:34 PM Central Standard Time, gregf@... writes:
> Thanks for the clarifications. The details are so important to have
> them right. Have you tried contacting the author or webmaster to set
> him straight?
>
> I kinda wondered about that claim about the 35' whip antenna. I could
> see a fix or telescoping antenna being 35' but all the whips I have
> ever seen are typically 15' or less. I chuckled over your remark about
> driving around with one. My imagination started running wild....
> "watch out of that tree up ahead..dang! Whack! Darn! There goes
> another antenna! Darn, darn darn! They told me to watch out for trees,
> wires, overpasses....oh, how will I explain this to the supply
> sargent, again".
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3644. Re: [T-368_BC-610] Re: More on the HT-4 - BC-610 Story

Yahoo group: T-368_BC-610
Date: 2009-02-10 04:05:23 UTC
From: James M. Walker
Topic: 3626  Message: 3644

Oh,
It doesn't have anything to do with being in the Navy, they have always been like that. I experienced it when I went there in the "Military" that attitude has always, in my opinion held that organization back from being a LOT better. Later as an Engineer we took radios down for a Communications Exhibition and pre-sales talk with customers from all over the "Free World". Everyone else asked questions, except the Officers and enlisted men from "Gordon", I remember spending an entire afternoon explaining to the Officers the advantages of "ALE" in a comms system, What a complete waste of an afternoon. It wasn't that they didn't get it, they didn't want it. Mostly because they didn't understand the technology, and "Didn't want anything with a micro-processor in it.

It was a good show, as we sold more gear there than even at The Exhibit at Heathrow, when we did the same thing there a month earlier. Funny thing was most of the customers were the same crowd.

Ah for the "Old Days" 8 - 10 hours flying, 2 hour setups for 3 hour shows, followed by 8 - 10 hours getting home. Just great.

When I was in service, I took a bunch of radio folks to P.R. only one crew came from Gordon, all the rest were from Bragg. Guess who couldn't get their equipment setup without help?
Jim
"Been there, Done that"
WB2FCN EX KP4KP you have to be military to understand why I requested that call!
----- Original Message -----
From: <wa5cab@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Monday, February 09, 2009 10:36 PM
Subject: Re: [T-368_BC-610] Re: More on the HT-4 - BC-610 Story

> No. I didn't try to get it corrected. The Army at Fort Gordon doesn't
> apparently appreciate being corrected. Several years ago I tried to get
> them to
> correct some errors in their listing of WW-II Signal Corps equipment but
> never
> had even an ACK. The errors are still there. Maybe I shouldn't have
> mentioned
> being Navy. :-)
>
> In a message dated 2/9/2009 8:00:34 PM Central Standard Time,
> gregf@...

> writes:
>> Thanks for the clarifications. The details are so important to have
>> them right. Have you tried contacting the author or webmaster to set
>> him straight?
>>
>> I kinda wondered about that claim about the 35' whip antenna. I could
>> see a fix or telescoping antenna being 35' but all the whips I have
>> ever seen are typically 15' or less. I chuckled over your remark about
>> driving around with one. My imagination started running wild....
>> "watch out of that tree up ahead..dang! Whack! Darn! There goes
>> another antenna! Darn, darn darn! They told me to watch out for trees,
>> wires, overpasses....oh, how will I explain this to the supply
>> sargent, again".
>>
>
> Robert Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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# 3645. Re: [T-368_BC-610] Re: More on the HT-4 - BC-610 Story

Yahoo group: T-368_BC-610
Date: 2009-02-10 04:45:38 UTC
From: wa5cab@cs.com
Topic: 3626  Message: 3645

I'm going to assume you meant to write "guys" instead of "guts".

But in any case, the article says:
"The antenna problem was met after much experimentation by designing a
vertical whip some 35 feet long."

No qualifier there, other than that "some 35 feet" could mean "around 35 feet
or so". So it's either an error or a typo.

Now, I'm aware that at a halt, the SCR-299, 399 and SCR-506 were or could be
supplied with three each MS-54's and a guy set and put up and load a nominal
25 foot antenna. But not in motion. Besides the problems of the antenna
striking overhead objects, the antenna sections and mast base will not free stand
more than about 18 feet in any wind at all. Personal experience here. I've
used such an antenna (MS-54 to MS-49) for about the past 20 years mounted to
the corner of the garage (AKA Shack/Shop).

In a message dated 2/9/2009 8:37:56 PM Central Standard Time,
wb4jpz1@... writes:
> I think you guts missed the "qualifier"
>
> CAPABILE of 35 ft .
> we put some in seies for other purposes, and they loaded just fine.
> not driving down the road, or thru the trenches, of course....hi..hi..
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3646. Re: [SPAM][T-368_BC-610] Re: More on the HT-4 - BC-610 Story

Yahoo group: T-368_BC-610
Date: 2009-02-10 09:00:22 UTC
From: Alan Morriss
Topic: 3646  Message: 3646

hi greg, the antenna mast as supplied, ms49 to ms 53 consists od screw together sections. this is guyed down by a special kit to about 45 degrees. we use it like this most times, as better range is obtained, when it is to be operated vertically, another two sections may be added. i think that this is where the confusion arises. better results are obtained using the doublet with 3 masts to support it.
we have found that for some reason, only the original feeder seems to work well unless an atu is used. we use a johnson kw matchbox.
the bc 939 works really well with the whip, but i have never got it to work with anything else. cheers, alan g4gen
----- Original Message -----
From: Greg Farrell
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, February 10, 2009 2:00 AM
Subject: [SPAM][T-368_BC-610] Re: More on the HT-4 - BC-610 Story

Hi Robert,

Thanks for the clarifications. The details are so important to have them right. Have you tried contacting the author or webmaster to set him straight?

I kinda wondered about that claim about the 35' whip antenna. I could see a fix or telescoping antenna being 35' but all the whips I have ever seen are typically 15' or less. I chuckled over your remark about driving around with one. My imagination started running wild....
"watch out of that tree up ahead..dang! Whack! Darn! There goes another antenna! Darn, darn darn! They told me to watch out for trees, wires, overpasses....oh, how will I explain this to the supply sargent, again".

Best always,

Greg Farrell
Santa Rosa, California

--- In T-368_BC-610@yahoogroups.com, wa5cab@... wrote:
>
> Interesting (I've read it before), but there are a few errors. First, the
> Signal Corps at Fort Monmouth employed engineers, too (my Elmer, W5MO, was one).
> Not just technicians. And Hallicrafters employed technichians, not just
> engineers. The antenna used while in motion was the standard 15 foot whip, not a
> 35 foot vertical. Can you imagine driving around with a 35 foot tall

> antenna? Third, the BC-614-A was adapted from the HT-5 as the
BC-610-A was adapted
> from the HT-4. The BC-729 was purpose built for the SCR-299-A (and
later
> replaced by the BC-939-A) but the rest of the major components
except maybe the
> 1-1/2 ton Chevrolet Van were already in service and simply
incorporated. Fourth,
> the frequency meter was the SCR-211 (major component the BC-221),
not the
> BC-211.
>
> In a message dated 2/9/2009 12:58:53 AM Central Standard Time,
gregf@...
> writes:
> > Digging around the internet, hard to find much on the HT-4 which
> > evolved to the BC-610. What a rich history and tribute to both
> > transmitter designs, though, found in this US Army history website.
> >
> > http://www.gordon.army.mil/ocos/ac/WWII/SCR299.asp
> >
> > by Ted Wise
> >
>
> Robert Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 3647. SCR-299/399 whip antennas

Yahoo group: T-368_BC-610
Date: 2009-02-10 10:06:55 UTC
From: g3vkm
Topic: 3646  Message: 3647

Hi All,

I've had similar experiences trying to use the BC-939, could never get it to load up a piece of wire properly, even when I used the lengths specified in the TM. Do the lower sections of the "proper" whips have some internal loading? I know that with whips I've used commercially some tended to have a helical structure embedded in the lower section to increase the inductance, one type I used a lot was made by the UK company Bantex.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hi greg, the antenna mast as supplied, ms49 to ms 53 consists od screw together sections. this is guyed down by a special kit to about 45 degrees. we use it like this most times, as better range is obtained, when it is to be operated vertically, another two sections may be added. i think that this is where the confusion arises. better results are obtained using the doublet with 3 masts to support it.
> we have found that for some reason, only the original feeder seems to work well unless an atu is used. we use a johnson kw matchbox.
> the bc 939 works really well with the whip, but i have never got it to work with anything else. cheers, alan g4gen

# 3648. Re: [T-368_BC-610] SCR-299/399 whip antennas

Yahoo group: T-368_BC-610
Date: 2009-02-10 13:36:55 UTC
From: Alan Morriss
Topic: 3646  Message: 3648

hello roger, the whip sections are plain copper plated steel. with the short lead from the 939 to the antenna base, they load up fine .it is necessary to start with the correct settings. the ground is also essential. i have used them on all bands. cheers, alan
----- Original Message -----
From: g3vkm
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, February 10, 2009 10:06 AM
Subject: [T-368_BC-610] SCR-299/399 whip antennas

Hi All,

I've had similar experiences trying to use the BC-939, could never get it to load up a piece of wire properly, even when I used the lengths specified in the TM. Do the lower sections of the "proper" whips have some internal loading? I know that with whips I've used commercially some tended to have a helical structure embedded in the lower section to increase the inductance, one type I used a lot was made by the UK company Bantex.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hi greg, the antenna mast as supplied, ms49 to ms 53 consists od screw together sections. this is guyed down by a special kit to about 45 degrees. we use it like this most times, as better range is obtained, when it is to be operated vertically, another two sections may be added. i think that this is where the confusion arises. better results are obtained using the doublet with 3 masts to support it.
> we have found that for some reason, only the original feeder seems to work well unless an atu is used. we use a johnson kw matchbox.
> the bc 939 works really well with the whip, but i have never got it to work with anything else. cheers, alan g4gen

[Non-text portions of this message have been removed]

# 3649. Re: [T-368_BC-610] Re: More on the HT-4 - BC-610 Story

Yahoo group: T-368_BC-610
Date: 2009-02-10 14:29:07 UTC
From: Bry Carling
Topic: 3626  Message: 3649

Wow Greg - was that an HT4 operating MOBILE???

From: "Greg Farrell" <gregf@...>

> Hi Robert,
>
> Thanks for the clarifications. The details are so important to have
> them right. Have you tried contacting the author or webmaster to set
> him straight?
>
> I kinda wondered about that claim about the 35' whip antenna. I could
> see a fix or telescoping antenna being 35' but all the whips I have
> ever seen are typically 15' or less. I chuckled over your remark about
> driving around with one. My imagination started running wild....
> "watch out of that tree up ahead..dang! Whack! Darn! There goes
> another antenna! Darn, darn darn! They told me to watch out for trees,
> wires, overpasses....oh, how will I explain this to the supply
> sargent, again".
>
> Best always,
>
> Greg Farrell
> Santa Rosa, California
>
>
>
>
> --- In T-368_BC-610@yahoogroups.com, wa5cab@... wrote:
> >
> > Interesting (I've read it before), but there are a few errors.
> First, the
> > Signal Corps at Fort Monmouth employed engineers, too (my Elmer,
> W5MO, was one).
> > Not just technicians. And Hallicrafters employed technichians, not
> just
> > engineers. The antenna used while in motion was the standard 15
> foot whip, not a
> > 35 foot vertical. Can you imagine driving around with a 35 foot tall
> > antenna? Third, the BC-614-A was adapted from the HT-5 as the
> BC-610-A was adapted
> > from the HT-4. The BC-729 was purpose built for the SCR-299-A (and
> later
> > replaced by the BC-939-A) but the rest of the major components
> except maybe the
> > 1-1/2 ton Chevrolet Van were already in service and simply

> incorporated. Fourth,
> > the frequency meter was the SCR-211 (major component the BC-221),
> not the
> > BC-211.
> >
> > In a message dated 2/9/2009 12:58:53 AM Central Standard Time,
> gregf@...
> > writes:
> > > Digging around the internet, hard to find much on the HT-4 which
> > > evolved to the BC-610. What a rich history and tribute to both
> > > transmitter designs, though, found in this US Army history website.
> > >
> > > http://www.gordon.army.mil/ocos/ac/WWII/SCR299.asp
> > >
> > > by Ted Wise
> > >
> >
> > Robert Downs - Houston
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> > [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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# 3650. Re: More on the HT-4 - BC-610 Story

Yahoo group: T-368_BC-610
Date: 2009-02-10 21:26:50 UTC
From: Greg Farrell
Topic: 3626  Message: 3650

--- In T-368_BC-610@yahoogroups.com, "Bry Carling" <bcarling@...> wrote:
>
> Wow Greg - was that an HT4 operating MOBILE???
>

Oh no! No, I was just commenting on Robert's comment about "imagine a 35' whip antenna".

And from my days in the US Army, comment the whip antennas I had seen (I was Field Artillery, later Combat Engineers in the Nat'l Guard) were around 15' at the tallest in agreement with Robert.

My HT-4 is not mobile by any means.

Cheers,

Greg
Santa Rosa, Calif

# 3651. Re: [T-368_BC-610] Re: More on the HT-4 - BC-610 Story "Longish"

Yahoo group: T-368_BC-610
Date: 2009-02-11 00:23:02 UTC
From: Bry Carling
Topic: 3641  Message: 3651

Does anyone know about the BC-1335? I keep seeing that
nomenclature on crystals a lot.

Oh and RT-76.

From: "James M. Walker" <chejmw@...>

> Ah Guys,
> Some of the "corn-fusion" is most likely from folks watching the
> hallicrafters
> story of the BC-610 used in the pacific theater actions.
>
> As a clarification, there are whips for use on trucks, 15 ft, usually, the
> AN/GRC-26
> started out with a BC-610(*) and BC-34X series receivers, and a BC-939(*)
> antenna coupler. The receivers were connected to the two whips forward of
> the
> shelter (when mobile) one for each receiver. The BC-610(*) was connected to
> a third whip antenna at the rear of the shelter, that whip was matched to
> the '610
> by the BC-939. A note of great importance here, it was NOT advisable to lean
> against a parked AN/GRC-26 when the transmitter was operating as RF Burns
> would and did result.
>
> AS for the 15 Ft. height thing that I believe was an arbitrary number that
> came
> about in dealing with the "Wire Rats", who usually ran their WD-1 wires down
> the sides of the road,
> mostly in ditches, but sometimes up in the trees so they wouldn't get snaged
> by passing vehicles, at that time I think the tank retrieval vehicles were
> the
> tallest if the boom was in use at about 20 feet, the whip antennas on the 2
> and 1/2 ton trucks and the
> jeeps and 3/4 ton vehicles all used the 15 ft length, some were allowed to
> be
> vertical, most were indeed bent forward or rearward to lower the overall
> height.
>
> As for the "35 foot vertical, Not happening for mobile use as even though
> there were not a lot ov over-passes, there when tunnels through the
> mountains
> in the European countries, mak height approx. 25 feet, stick a "Duece and a
> half in there
> and that doesn't leave a lot of room.
> FWIW
> Jim

> WB2FCN
> for more info go to http://eshop1.chem.buffalo.edu/an-gra-4.html
>
> ----- Original Message -----
> From: "Robert Heaton" <wb4jpz1@...>
> To: <T-368_BC-610@yahoogroups.com>
> Sent: Monday, February 09, 2009 9:37 PM
> Subject: Re: [T-368_BC-610] Re: More on the HT-4 - BC-610 Story
>
>
> I think you guts missed the "qualifier"
>
> CAPABILE of 35 ft .
> we put some in seies for other purposes, and they loaded just fine.
> not driving down the road, or thru the trenches, of course....hi..hi..
>
> 73, BoB.
> wb4jpz1@...
>
> --- On Mon, 2/9/09, Greg Farrell <gregf@...> wrote:
>
> From: Greg Farrell <gregf@...>
> Subject: [T-368_BC-610] Re: More on the HT-4 - BC-610 Story
> To: T-368_BC-610@yahoogroups.com
> Date: Monday, February 9, 2009, 9:00 PM
>
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>
> Hi Robert,
>
> Thanks for the clarifications. The details are so important to have
> them right. Have you tried contacting the author or webmaster to set
> him straight?
>
> I kinda wondered about that claim about the 35' whip antenna. I could
> see a fix or telescoping antenna being 35' but all the whips I have
> ever seen are typically 15' or less. I chuckled over your remark about
> driving around with one. My imagination started running wild....
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> another antenna! Darn, darn darn! They told me to watch out for trees,
> wires, overpasses.. ..oh, how will I explain this to the supply
> sargent, again".
>
> Best always,
>
> Greg Farrell
> Santa Rosa, California

>
> --- In T-368_BC-610@ yahoogroups. com, wa5cab@... wrote:
> >
> > Interesting (I've read it before), but there are a few errors.
> First, the
> > Signal Corps at Fort Monmouth employed engineers, too (my Elmer,
> W5MO, was one).
> > Not just technicians. And Hallicrafters employed technichians, not
> just
> > engineers. The antenna used while in motion was the standard 15
> foot whip, not a
> > 35 foot vertical. Can you imagine driving around with a 35 foot tall
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> > from the HT-4. The BC-729 was purpose built for the SCR-299-A (and
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> > replaced by the BC-939-A) but the rest of the major components
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> > 1-1/2 ton Chevrolet Van were already in service and simply
> incorporated. Fourth,
> > the frequency meter was the SCR-211 (major component the BC-221),
> not the
> > BC-211.
> >
> > In a message dated 2/9/2009 12:58:53 AM Central Standard Time,
> gregf@...
> > writes:
> > > Digging around the internet, hard to find much on the HT-4 which
> > > evolved to the BC-610. What a rich history and tribute to both
> > > transmitter designs, though, found in this US Army history website.
> > >
> > > http://www.gordon. army.mil/ ocos/ac/WWII/ SCR299.asp
> > >
> > > by Ted Wise
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> > wa5cab dot com (Web Store)
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> > [Non-text portions of this message have been removed]
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# 3652. Re: [T-368_BC-610] Re: More on the HT-4 - BC-610 Story "Longish"

Yahoo group: T-368_BC-610
Date: 2009-02-11 00:26:16 UTC
From: rbethman
Topic: 3641  Message: 3652

Bry,

Try this link:
<http://www.ask.com/bar?q=BC-1335&page=1&qsrc=145&zoom=&ab=1&u=http%3A%2F%2Fwww.radiomilitari.com%2Fbc1335.html>

Bob - N0DGN

Bry Carling wrote:
>
> Does anyone know about the BC-1335? I keep seeing that
> nomenclature on crystals a lot.
>
> Oh and RT-76.
>
> From: "James M. Walker" <chejmw@... <mailto:chejmw%40buffalo.edu>>
>
> > Ah Guys,
> > Some of the "corn-fusion" is most likely from folks watching the
> > hallicrafters
> > story of the BC-610 used in the pacific theater actions.
> >
> > As a clarification, there are whips for use on trucks, 15 ft,
> usually, the
> > AN/GRC-26
> > started out with a BC-610(*) and BC-34X series receivers, and a
> BC-939(*)
> > antenna coupler. The receivers were connected to the two whips
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> > the
> > shelter (when mobile) one for each receiver. The BC-610(*) was
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> > by the BC-939. A note of great importance here, it was NOT advisable
> to lean
> > against a parked AN/GRC-26 when the transmitter was operating as RF
> Burns
> > would and did result.
> >
> > AS for the 15 Ft. height thing that I believe was an arbitrary
> number that
> > came
> > about in dealing with the "Wire Rats", who usually ran their WD-1
> wires down

> > the sides of the road,
> > mostly in ditches, but sometimes up in the trees so they wouldn't
> get snaged
> > by passing vehicles, at that time I think the tank retrieval
> vehicles were
> > the
> > tallest if the boom was in use at about 20 feet, the whip antennas
> on the 2
> > and 1/2 ton trucks and the
> > jeeps and 3/4 ton vehicles all used the 15 ft length, some were
> allowed to
> > be
> > vertical, most were indeed bent forward or rearward to lower the
> overall
> > height.
> >
> > As for the "35 foot vertical, Not happening for mobile use as even
> though
> > there were not a lot ov over-passes, there when tunnels through the
> > mountains
> > in the European countries, mak height approx. 25 feet, stick a
> "Duece and a
> > half in there
> > and that doesn't leave a lot of room.
> > FWIW
> > Jim
> > WB2FCN
> > for more info go to http://eshop1.chem.buffalo.edu/an-gra-4.html
> <http://eshop1.chem.buffalo.edu/an-gra-4.html>
> >
> > ----- Original Message -----
> > From: "Robert Heaton" <wb4jpz1@... <mailto:wb4jpz1%40yahoo.com>>
> > To: <T-368_BC-610@yahoogroups.com
> <mailto:T-368_BC-610%40yahoogroups.com>>
> > Sent: Monday, February 09, 2009 9:37 PM
> > Subject: Re: [T-368_BC-610] Re: More on the HT-4 - BC-610 Story
> >
> >
> > I think you guts missed the "qualifier"
> >
> > CAPABILE of 35 ft .
> > we put some in seies for other purposes, and they loaded just fine.
> > not driving down the road, or thru the trenches, of course....hi..hi..
> >
> > 73, BoB.
> > wb4jpz1@... <mailto:wb4jpz1%40yahoo.com>
> >
> > --- On Mon, 2/9/09, Greg Farrell <gregf@...
> <mailto:gregf%40pon.net>> wrote:
> >

> > From: Greg Farrell <gregf@... <mailto:gregf%40pon.net>>
> > Subject: [T-368_BC-610] Re: More on the HT-4 - BC-610 Story
> > To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> > Date: Monday, February 9, 2009, 9:00 PM
> >
> >
> >
> >
> >
> >
> > Hi Robert,
> >
> > Thanks for the clarifications. The details are so important to have
> > them right. Have you tried contacting the author or webmaster to set
> > him straight?
> >
> > I kinda wondered about that claim about the 35' whip antenna. I could
> > see a fix or telescoping antenna being 35' but all the whips I have
> > ever seen are typically 15' or less. I chuckled over your remark about
> > driving around with one. My imagination started running wild....
> > "watch out of that tree up ahead..dang! Whack! Darn! There goes
> > another antenna! Darn, darn darn! They told me to watch out for trees,
> > wires, overpasses.. ..oh, how will I explain this to the supply
> > sargent, again".
> >
> > Best always,
> >
> > Greg Farrell
> > Santa Rosa, California
> >
> > --- In T-368_BC-610@ yahoogroups. com, wa5cab@... wrote:
> > >
> > > Interesting (I've read it before), but there are a few errors.
> > First, the
> > > > Signal Corps at Fort Monmouth employed engineers, too (my Elmer,
> > W5MO, was one).
> > > > Not just technicians. And Hallicrafters employed technichians, not
> > just
> > > > engineers. The antenna used while in motion was the standard 15
> > foot whip, not a
> > > > 35 foot vertical. Can you imagine driving around with a 35 foot tall
> > > > antenna? Third, the BC-614-A was adapted from the HT-5 as the
> > BC-610-A was adapted
> > > > from the HT-4. The BC-729 was purpose built for the SCR-299-A (and
> > later
> > > > replaced by the BC-939-A) but the rest of the major components
> > except maybe the
> > > > 1-1/2 ton Chevrolet Van were already in service and simply
> > incorporated. Fourth,
> > > > the frequency meter was the SCR-211 (major component the BC-221),

> > not the
> > > BC-211.
> > >
> > > In a message dated 2/9/2009 12:58:53 AM Central Standard Time,
> > gregf@...
> > > writes:
> > > > Digging around the internet, hard to find much on the HT-4 which
> > > > evolved to the BC-610. What a rich history and tribute to both
> > > > transmitter designs, though, found in this US Army history website.
> > > >
> > > > http://www.gordon. army.mil/ ocos/ac/WWII/ SCR299.asp
> > > >
> > > > by Ted Wise
> > > >
> > >
> > > Robert Downs - Houston
> > > wa5cab dot com (Web Store)
> > > MVPA 9480
> > >
> > >
> > > [Non-text portions of this message have been removed]
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> > ------------------------------------
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> > Yahoo! Groups Links
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> > Yahoo! Groups Links
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--
Bob - NØDGN

[Non-text portions of this message have been removed]

# 3653. Re: [T-368_BC-610] Re: More on the HT-4 - BC-610 Story "Longish"

Yahoo group: T-368_BC-610
Date: 2009-02-11 00:49:40 UTC
From: wa5cab@cs.com
Topic: 3641  Message: 3653

The BC-1335 replaced the BC-659. It covers the same frequency band (27.0-38.9 MC FM) and uses the same crystals. It is smaller than the BC-659 and has a vibrator power supply built in instead of separate. It came into service in late 1944 and remained in service into the 50's.

My database does not show an RT-76. Perhaps you mean RT-176, the radio component of AN/PRC-10. VHF FM tunable packset covering 38.0-54.9 MC. Replaced BC-1000. Replaced by AN/PRC-25.

In a message dated 2/10/2009 6:23:18 PM Central Standard Time, bcarling@... writes:
> Does anyone know about the BC-1335? I keep seeing that
> nomenclature on crystals a lot.
>
> Oh and RT-76.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3654. Hallicrafters BC-614-D limiter compressor on FleaBay

Yahoo group: T-368_BC-610
Date: 2009-02-12 00:27:16 UTC
From: Greg Farrell
Topic: 3654  Message: 3654

I am sure most of you gentleman watch eBay regularly. This one appeared this morning.

Item number: 330307252609

FWIW

Greg Farrell
Santa Rosa, California

# 3655. Re: [T-368_BC-610] Hallicrafters BC-614-D limiter compressor on FleaBay

Yahoo group: T-368_BC-610
Date: 2009-02-12 01:03:37 UTC
From: James M. Walker
Topic: 3654  Message: 3655

Looks nice, but don't connect it to the BC-610 without the MANUAL for the BC-614(D) as it will fry the thing. FWIW

Jim
WB2FCN

----- Original Message -----
From: Greg Farrell
To: T-368_BC-610@yahoogroups.com
Sent: Wednesday, February 11, 2009 7:27 PM
Subject: [T-368_BC-610] Hallicrafters BC-614-D limiter compressor on FleaBay

I am sure most of you gentleman watch eBay regularly. This one appeared this morning.

Item number: 330307252609

FWIW

Greg Farrell
Santa Rosa, California

[Non-text portions of this message have been removed]

# 3656. BC-610-E TRANSMITTER on FleaBay, Item number: 220361606256

Yahoo group: T-368_BC-610
Date: 2009-02-14 06:53:39 UTC
From: Greg Farrell
Topic: 3656  Message: 3656

Nice photos too. Have no idea if the price is right. Not interested myself.

Greg
Santa Rosa, Calif

# 3657. WTB: BC-610 I Back Panel

Yahoo group: T-368_BC-610
Date: 2009-02-16 16:08:22 UTC
From: Warren Elly
Topic: 3657  Message: 3657

Its the Korea War Frigid-are Version of the Beast..an "I" model.
Approx 30 by 36 Inches...NEED BACK PANEL...

Fear that Cat will end up fried... !!

Thanks if anyone has one in the barn/garage...

73...

Warren W1GUD

# 3658. Re: [T-368_BC-610] WTB: BC-610 I Back Panel

Yahoo group: T-368_BC-610
Date: 2009-02-16 16:21:49 UTC
From: wa5cab@cs.com
Topic: 3657  Message: 3658

I have an -F parts set. Rear cover panel is rusty and will require stripping or bead-blasting and paint or powder coat. I think in most respects the -F, -G, -H and -I shared sheet metal but maybe someone with an -F and an -I can confirm that.

In a message dated 2/16/2009 10:08:39 AM Central Standard Time,
w1gud@... writes:
> Its the Korea War Frigid-are Version of the Beast..an "I" model.
> Approx 30 by 36 Inches...NEED BACK PANEL...
>
> Fear that Cat will end up fried... !!
>
> Thanks if anyone has one in the barn/garage...
>
> 73...
>
> Warren W1GUD
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3659. Re: [T-368_BC-610] WTB: BC-610 I Back Panel

Yahoo group: T-368_BC-610
Date: 2009-02-16 16:56:33 UTC
From: Warren Elly
Topic: 3657  Message: 3659

- Anyone know if the rear panels were the same in -F vs -I BC-610s????

Especially if the panel is the same, which stands to reason back when
things were done more logically hi hi.
I'm blessed with friends who know how to do that blasting...
Though of course, a panel in better shape would be easier to deal with.

So, yes, let me contact you off list on the -F parts kit...

Thanks to all!!

73, Warren W1GUD
Tampa

On Feb 16, 2009, at 11:21 AM, wa5cab@... wrote:

> I have an -F parts set. Rear cover panel is rusty and will require
> stripping
> or bead-blasting and paint or powder coat. I think in most respects
> the -F,
> -G, -H and -I shared sheet metal but maybe someone with an -F and an
> -I can
> confirm that.
>
> In a message dated 2/16/2009 10:08:39 AM Central Standard Time,
> w1gud@... writes:
> > Its the Korea War Frigid-are Version of the Beast..an "I" model.
> > Approx 30 by 36 Inches...NEED BACK PANEL...
> >
> > Fear that Cat will end up fried... !!
> >
> > Thanks if anyone has one in the barn/garage...
> >
> > 73...
> >
> > Warren W1GUD
> >
>
> Robert Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

# 3660. Re: HT-4 Questions

Yahoo group: T-368_BC-610
Date: 2009-02-19 22:14:51 UTC
From: Greg Farrell
Topic: 3603  Message: 3660

Hi Barrie and all,

I just noticed I had not replied to your posting yet. Somehow it slipped by me.

> I'll dig that manual out and attempt to let you know what the differences are. In any case, you will need the manual for the HT-4, not the BC-610 (althought there are many similarities).

I received the HT-4 manual by post. It is only a small operating instruction manual, with schematics, diagrams and no photos.

Also included are manuals to the HT-4B, HT-4-I, HT-4C . I won't actually pick-up the unit until the 7th of March.

> From what few photos I've seen of the HT-4*, I don't believe that the knobs on your filament and modulation bias adjust are the correct ones.

I checked the manuals and other photos. The earliest HT-4 photo I have found so far(one in the photo section with the HT-4 next to a desk), shows all four with the spoked knobs. My HT-4B Manual shows it with only one large spoked knob. This image of the HT-4B(by caption) http://www.ominous-valve.com/images/vov44ht4.gif shows it with large knobs.

So I am confused a bit, but like you say, "wouldn't bother me".

> The HT-4* used the "steering wheel" knob on the final tune, but the knobs on the filament and modulator bias are much smaller. Not that it matters. It wouldn't bother me a bit.

> When I first fired my rig up, I used a 100 foot extension cord with a 150 watt light bulb in series. I'm glad I did, since the bulb lit to full brilliance, and one of the modulator tubes did the same.
>
> After I got things tamed, I used a 500 watt flood lamp as a dummy load. Actually made a one-way contact, with a friend, several miles away, listening to me, with the light bulb.

I thought with a dummy load you want pure resistance. A light bulb is inductive. Good ones don't appear to be cheap, so an oil can load might have to do (or a 500 W bulb)

> Some other things to consider would be: Are you getting a full compliment of tubes with the transmitter? The 250TH final, and the 100TH modulators are getting a bit scarce and more than a bit pricey.

> What about tuning units and final coils? You will need a TU and final coil for every band.

It does come with extra tubes, TU's and FC's. Which ones exactly I don't yet. I will have to shop around no doubt for extra 250TH's and 100TH's.

> Also, and I've asked this question in the past, with no response, does your HT-4 have four ceramic pillars, with banana sockets, on a shelf, in the left-rear of the RF compartment?

Don't know yet. You can't tell from the rf box photo in the photo section. I will surely let you know after the 7th.

> My transmitter does. I have been told that this was a socket for a fixed air-capacitor for operation on the lower bands.

Yes, I see this in the manual, C28 I believe.

> I have the socket. I do not have the cpacitor. I use a vacuum capacitor for operation on 160M. I have a 1.5 to 2.0 tank coil that I can use for 160M, without the vacuum cap, but it has a two-turn, fixed link. I can't load up to more than about 250 watts output with that coil.

> I use the 2.0 to 3.5 coil, with a 50 pf vacuum cap, for 160. I can easily load to 400 watts output with that arrangement.

Good to know. Many Thanks.

> 73, Barrie, W7ALW, Since 1950

Greg Farrell
Santa Rosa, California

# 3661. Re: [T-368_BC-610] Re: HT-4 Questions

Yahoo group: T-368_BC-610
Date: 2009-02-20 00:39:29 UTC
From: Joe Foley
Topic: 3603  Message: 3661

A light bulb is inductive??

How??

Even with a coiled filament it isn't.

Maybe slightly.

Joe

--- On Thu, 2/19/09, Greg Farrell <gregf@...> wrote:
From: Greg Farrell <gregf@...>
Subject: [T-368_BC-610] Re: HT-4 Questions
To: T-368_BC-610@yahoogroups.com
Date: Thursday, February 19, 2009, 5:14 PM

Hi Barrie and all,

I just noticed I had not replied to your posting yet. Somehow it

slipped by me.

> I'll dig that manual out and attempt to let you know what the

differences are. In any case, you will need the manual for the HT-4,

not the BC-610 (althought there are many similarities) .

I received the HT-4 manual by post. It is only a small operating

instruction manual, with schematics, diagrams and no photos.

Also included are manuals to the HT-4B, HT-4-I, HT-4C . I won't

actually pick-up the unit until the 7th of March.

> From what few photos I've seen of the HT-4*, I don't believe that

the knobs on your filament and modulation bias adjust are the correct

ones.

I checked the manuals and other photos. The earliest HT-4 photo I have

found so far(one in the photo section with the HT-4 next to a desk),

shows all four with the spoked knobs. My HT-4B Manual shows it with

only one large spoked knob. This image of the HT-4B(by caption)

http://www.ominous- valve.com/ images/vov44ht4. gif shows it with large knobs.

So I am confused a bit, but like you say, "wouldn't bother me".

> The HT-4* used the "steering wheel" knob on the final tune, but the knobs on the filament and modulator bias are much smaller. Not that it matters. It wouldn't bother me a bit.

> When I first fired my rig up, I used a 100 foot extension cord with a 150 watt light bulb in series. I'm glad I did, since the bulb lit to full brilliance, and one of the modulator tubes did the same.

>

> After I got things tamed, I used a 500 watt flood lamp as a dummy load. Actually made a one-way contact, with a friend, several miles away, listening to me, with the light bulb.

I thought with a dummy load you want pure resistance. A light bulb is inductive. Good ones don't appear to be cheap, so an oil can load might have to do (or a 500 W bulb)

> Some other things to consider would be: Are you getting a full compliment of tubes with the transmitter? The 250TH final, and the 100TH modulators are getting a bit scarce and more than a bit pricey.

> What about tuning units and final coils? You will need a TU and final coil for every band.

It does come with extra tubes, TU's and FC's. Which ones exactly I don't yet. I will have to shop around no doubt for extra 250TH's and 100TH's.

> Also, and I've asked this question in the past, with no response, does your HT-4 have four ceramic pillars, with banana sockets, on a shelf, in the left-rear of the RF compartment?

Don't know yet. You can't tell from the rf box photo in the photo section. I will surely let you know after the 7th.

> My transmitter does. I have been told that this was a socket for

a fixed air-capacitor for operation on the lower bands.

Yes, I see this in the manual, C28 I believe.

> I have the socket. I do not have the cpacitor. I use a vacuum

capacitor for operation on 160M. I have a 1.5 to 2.0 tank coil that I

can use for 160M, without the vacuum cap, but it has a two-turn, fixed

link. I can't load up to more than about 250 watts output with that coil.

> I use the 2.0 to 3.5 coil, with a 50 pf vacuum cap, for 160. I

can easily load to 400 watts output with that arrangement.

Good to know. Many Thanks.

> 73, Barrie, W7ALW, Since 1950

Greg Farrell

Santa Rosa, California

[Non-text portions of this message have been removed]

# 3662. Re: [T-368_BC-610] Re: HT-4 Questions

Yahoo group: T-368_BC-610
Date: 2009-02-20 03:29:17 UTC
From: wa5cab@cs.com
Topic: 3603  Message: 3662

Joe,

I agree and started to comment this afternoon. The inductance in a light bulb isn't zero as it has a wire in it but it's certainly much less than the inductance introduced by the wires you have to use to hook it or a dummy load to a transmitter.

However, the resistance might not be optimum for the transmitter. Some of the early HT-4 and BC-610 plate tank coils have what appears to be a 300 ohm link. A 120 volt 150 watt lamp has a hot resistance of about 100 ohms (96 to be exact). So with a BC-610 and those coils you'd want three 150's in series. With a link with fewer turns you'd want to work up a different combination.

In a message dated 2/19/2009 6:39:37 PM Central Standard Time,
redmenaced@... writes:
> A light bulb is inductive??
>
> How??
>
> Even with a coiled filament it isn't.
>
> Maybe slightly.
>
> Joe
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3663. Re: [T-368_BC-610] Re: HT-4 Questions

Yahoo group: T-368_BC-610
Date: 2009-02-20 23:53:49 UTC
From: Joe Foley
Topic: 3603  Message: 3663

Now that we're into this discussion,

Nothing in the light bulb circuit is insulated for the voltage of a transmitter output either,... not a good idea.

The contacts are just too close together.  Even a ceramic socket is only rated at 660 volts.

Joe

--- On Thu, 2/19/09, wa5cab@... <wa5cab@cs.com> wrote:
From: wa5cab@... <wa5cab@...>
Subject: Re: [T-368_BC-610] Re: HT-4 Questions
To: T-368_BC-610@yahoogroups.com
Date: Thursday, February 19, 2009, 10:29 PM

Joe,

I agree and started to comment this afternoon. The inductance in a light

bulb isn't zero as it has a wire in it but it's certainly much less than the

inductance introduced by the wires you have to use to hook it or a dummy load to a

transmitter.

However, the resistance might not be optimum for the transmitter. Some of

the early HT-4 and BC-610 plate tank coils have what appears to be a 300 ohm

link. A 120 volt 150 watt lamp has a hot resistance of about 100 ohms (96 to be

exact). So with a BC-610 and those coils you'd want three 150's in series.

With a link with fewer turns you'd want to work up a different combination.

In a message dated 2/19/2009 6:39:37 PM Central Standard Time,

redmenaced@yahoo. com writes:

> A light bulb is inductive??

>

> How??

>

> Even with a coiled filament it isn't.

>

> Maybe slightly.

>

> Joe

>

Robert & Susan Downs - Houston

wa5cab dot com (Web Store)

MVPA 9480

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3664. Re: HT-4 Questions

Yahoo group: T-368_BC-610
Date: 2009-02-23 16:38:36 UTC
From: Greg Farrell
Topic: 3603  Message: 3664

Guys, I am still a bit befuddled.

1. What/which dummy load antenna should I get/use/make? What about those oil can loads? Light bulbs are not sounding good. In the movie VofV, the bulbs almost look like tubes(valves) with a rather hefty looking filament inside.

2. What/which SWR/Power Meter should I be looking at?

Thanks in advance.

Greg Farrell
Santa Rosa, Calif

--- In T-368_BC-610@yahoogroups.com, Joe Foley <redmenaced@...> wrote:
>
> Now that we're into this discussion,
>
> Nothing in the light bulb circuit is insulated for the voltage of a transmitter output either,... not a good idea.
>
> The contacts are just too close together.  Even a ceramic socket is only rated at 660 volts.
>
> Joe
>
>
>

# 3665. Re: [T-368_BC-610] Re: HT-4 Questions

Yahoo group: T-368_BC-610
Date: 2009-02-23 16:44:28 UTC
From: rbethman
Topic: 3603  Message: 3665

Greg,

The ME-165 dummy load/VSWR meter will take 400W.

Try Fair Radio or the E-Payplace

Wb2FCN and I both use them with BC-610s

Bob - N0DGN

Greg Farrell wrote:
>
> Guys, I am still a bit befuddled.
>
> 1. What/which dummy load antenna should I get/use/make? What about
> those oil can loads? Light bulbs are not sounding good. In the movie
> VofV, the bulbs almost look like tubes(valves) with a rather hefty
> looking filament inside.
>
> 2. What/which SWR/Power Meter should I be looking at?
>
> Thanks in advance.
>
> Greg Farrell
> Santa Rosa, Calif
>
> --- In T-368_BC-610@yahoogroups.com
> <mailto:T-368_BC-610%40yahoogroups.com>, Joe Foley <redmenaced@...> wrote:
> >
> > Now that we're into this discussion,
> >
> > Nothing in the light bulb circuit is insulated for the voltage of a
> transmitter output either,... not a good idea.
> >
> > The contacts are just too close together. Even a ceramic socket is
> only rated at 660 volts.
> >
> > Joe
> >
> >
> >
>
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

# 3666. Re: [T-368_BC-610] Re: HT-4 Questions

Yahoo group: T-368_BC-610
Date: 2009-02-23 17:11:43 UTC
From: wa5cab@cs.com
Topic: 3603  Message: 3666

Actually, regular light bulbs and sockets are safe to use with an HT-4 or BC-610. The later coil sets with the rotary links will match 75 ohm coax as shipped with the doublet antenna kit that later became AN/GRA-4. Just to use an arbitrary number assume the transmitter output is 400 watts. 400 watts into 75 ohms produces a voltage of 173 RMS. The hot resistance of a 120 volt 150 W lamp is about 96 ohms.

Just as a quick and dirty load to test the transmitter, a pair of 150 watt lamps in parallel would work OK. It would take some calculating to figure the lamp bank required to accurately match 400 watts into 75 ohms.

There wasn't any SWR or power meter built for the BC-610. However, the ME-165/G made for the T-368 will work OK.

In a message dated 2/23/2009 10:38:49 AM Central Standard Time, gregf@... writes:
> Guys, I am still a bit befuddled.
>
> 1. What/which dummy load antenna should I get/use/make? What about
> those oil can loads? Light bulbs are not sounding good. In the movie
> VofV, the bulbs almost look like tubes(valves) with a rather hefty
> looking filament inside.
>
> 2. What/which SWR/Power Meter should I be looking at?
>
>
> Thanks in advance.
>
> Greg Farrell
> Santa Rosa, Calif
>
>
>
>
>
>
> >
> >Now that we're into this discussion,
> >
> >Nothing in the light bulb circuit is insulated for the voltage of a
> transmitter output either,... not a good idea.
> >
> >The contacts are just too close together. Even a ceramic socket is
> only rated at 660 volts.
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3667. JB-70A on the e-Place

Yahoo group: T-368_BC-610
Date: 2009-02-24 00:20:43 UTC
From: Dave Trainor
Topic: 3667  Message: 3667

Anyone see the JB-70A that just got listed on the e-play place? $800 seems a bit steep for one, considering that its in Greece and shipping would be pricy too, the pictures look like its in excellent condition.

Dave - N8ZFM

[Non-text portions of this message have been removed]

# 3668. Re: HT-4 Questions

Yahoo group: T-368_BC-610
Date: 2009-02-24 18:12:56 UTC
From: Greg Farrell
Topic: 3603  Message: 3668

Hi Bob,

You have been most helpful. I ordered a ME-165.

Thank you.

Greg
Santa Rosa, California

> The ME-165 dummy load/VSWR meter will take 400W.
> Wb2FCN and I both use them with BC-610s
>
> Bob - N0DGN

# 3669. Re: [T-368_BC-610] Re: HT-4 Questions

Yahoo group: T-368_BC-610
Date: 2009-02-24 18:17:36 UTC
From: rbethman
Topic: 3603  Message: 3669

Greg, You are certainly welcome.

As Bob Downs pointed out, it wasn't designed for the BC-610. However,
it does work well with it. <BG>

Bob - N0DGN

Greg Farrell wrote:
>
> Hi Bob,
>
> You have been most helpful. I ordered a ME-165.
>
> Thank you.
>
> Greg
> Santa Rosa, California
>
> > The ME-165 dummy load/VSWR meter will take 400W.
> > Wb2FCN and I both use them with BC-610s
> >
> > Bob - N0DGN
>
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

# 3670. Re: HT-4 Questions, Yet another new member.

Yahoo group: T-368_BC-610
Date: 2009-02-26 02:16:25 UTC
From: Steve Gomez
Topic: 3603  Message: 3670

--- In T-368_BC-610@yahoogroups.com, "Greg Farrell" <gregf@...> wrote:
>
> Guys, I am still a bit befuddled.
>
> 1. What/which dummy load antenna should I get/use/make? What about
> those oil can loads? Light bulbs are not sounding good. In the movie
> VofV, the bulbs almost look like tubes(valves) with a rather hefty
> looking filament inside.
>
> 2. What/which SWR/Power Meter should I be looking at?
>
>
> Thanks in advance.
>
> Greg Farrell
> Santa Rosa, Calif
>
>
>
>
> --- In T-368_BC-610@yahoogroups.com, Joe Foley <redmenaced@> wrote:
> >
> > Now that we're into this discussion,
> >
> > Nothing in the light bulb circuit is insulated for the voltage of
a
> transmitter output either,... not a good idea.
> >
> > The contacts are just too close together.  Even a ceramic socket
is
> only rated at 660 volts.
> >
> > Joe
> >
> >
> >
>
Greetings to everyone in the group!
I am Steve Gomez, ke5o, over in Beaumont, TX and just discovered you guys last week. My people! I know Robert in Houston and have known Perry in Beaumont for a gazillion years.
After joining I uploaded some photos of my projects to the photo section. Shown is an HT-4 that I have had for about 5 years.
The dummy loads shown in the VoV film were actually available from Ohmite and were not light bulbs, but made for that purpose. The ad

shown is from the 1940 handbook.
I also have a pair of 610-E's that I hope to use in restoring an SCR-299 and '399.
Also in another section is some photos of a '299 and '399 that I got to ride in each one in Italy last April during a terrific WWII MV operation. I will tell ya'll about that later if your interested.
73 to all,
Steve

# 3671. Re: [T-368_BC-610] Re: HT-4 Questions, Yet another new member.

Yahoo group: T-368_BC-610
Date: 2009-02-26 02:27:45 UTC
From: Joe Foley
Topic: 3603  Message: 3671

Ok, so what Military Vehicles mailing list are you on???  There is a guy in VT that is doing the same project in the K-51 Chevy panel truck.

Joe

Greetings to everyone in the group!I am Steve Gomez, ke5o, over in Beaumont, TX and just discovered you guys last week. My people! I know Robert in Houston and have known Perry in Beaumont for a gazillion years.After joining I uploaded some photos of my projects to the photo section. Shown is an HT-4 that I have had for about 5 years. The dummy loads shown in the VoV film were actually available from Ohmite and were not light bulbs, but made for that purpose. The ad shown is from the 1940 handbook.I also have a pair of 610-E's that I hope to use in restoring an SCR-299 and '399.

Also in another section is some photos of a '299 and '399 that I got

to ride in each one in Italy last April during a terrific WWII MV

operation. I will tell ya'll about that later if your interested.

73 to all,

Steve

[Non-text portions of this message have been removed]

# 3672. Re: HT-4 Questions, Yet another new member.

Yahoo group: T-368_BC-610
Date: 2009-02-26 02:35:34 UTC
From: Steve Gomez
Topic: 3603  Message: 3672

Joe,
I am not on any MV list, but I habitually check the G-503 commo section.
Steve

--- In T-368_BC-610@yahoogroups.com, Joe Foley <redmenaced@...> wrote:
>
>
>
>
>
>
>
>
>
>
>
>
> Ok, so what Military Vehicles mailing list are you on???  There is a guy in VT that is doing the same project in the K-51 Chevy panel truck.
>
> Joe
>
>
>
> Greetings to everyone in the group!I am Steve Gomez, ke5o, over in Beaumont, TX and just discovered you guys last week. My people! I know Robert in Houston and have known Perry in Beaumont for a gazillion years.After joining I uploaded some photos of my projects to the photo section. Shown is an HT-4 that I have had for about 5 years. The dummy loads shown in the VoV film were actually available from Ohmite and were not light bulbs, but made for that purpose. The ad shown is from the 1940 handbook.I also have a pair of 610-E's that I hope to use in restoring an SCR-299 and '399.
>
> Also in another section is some photos of a '299 and '399 that I got
>
> to ride in each one in Italy last April during a terrific WWII MV
>
> operation. I will tell ya'll about that later if your interested.
>
> 73 to all,
>

> Steve
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> [Non-text portions of this message have been removed]
>

# 3673. Re: [T-368_BC-610] Re: HT-4 Questions, Yet another new member.

Yahoo group: T-368_BC-610
Date: 2009-02-26 02:41:37 UTC
From: Barrie Smith
Topic: 3603  Message: 3673

Steve:

Good grief, HT-4s are coming out of the woodwork!

I've had a very nice HT-4B for over 20 years. During that time, I've put a bit of effort into attempting to discover how many HT-4s there were still in existance.

Until recently, I had uncovered none. Now we have 3 on this list.

My HT-4B was on the cover of ER sometime in 1992.

I've been using my HT-4 quite a bit recently on 75 and 160M. I'm listening right now on 1945, with the SX-73, for the evening get-together to start.

A question: Does your HT-4 have a shelf, in the left, back corner or the RF compartment, with four vertical standoffs, with banana sockets for the 160M air-padder?

Mine does. I'd sure like to find an original air-padder for that socket.

Perhaps we could arrange a sked? An HT-4 to HT-4 QSO would be fun!

73, Barrie, W7ALW, Since 1950

[Non-text portions of this message have been removed]

# 3674. Re: HT-4 Questions, Yet another new member.

Yahoo group: T-368_BC-610
Date: 2009-02-26 02:58:43 UTC
From: Steve Gomez
Topic: 3603  Message: 3674

Hi Barrie!
Indeed it does have the pedestal (socket) for the padder but I have not seen one either (except in VoV).
I just received a 160m PA coil from Fair Radio so maybe someday?
The TX is in my "museum" here at work but would probably not take too much to set up an operating position. Ht-4 to HT-4 would be cool.
We'll keep you posted.
73,
Steve

--- In T-368_BC-610@yahoogroups.com, "Barrie Smith" <barrie@...> wrote:
>
> Steve:
>
> Good grief, HT-4s are coming out of the woodwork!
>
> I've had a very nice HT-4B for over 20 years. During that time, I've put a bit of effort into attempting to discover how many HT-4s there were still in existance.
>
> Until recently, I had uncovered none. Now we have 3 on this list.
>
> My HT-4B was on the cover of ER sometime in 1992.
>
> I've been using my HT-4 quite a bit recently on 75 and 160M. I'm listening right now on 1945, with the SX-73, for the evening get-together to start.
>
> A question: Does your HT-4 have a shelf, in the left, back corner or the RF compartment, with four vertical standoffs, with banana sockets for the 160M air-padder?
>
> Mine does. I'd sure like to find an original air-padder for that socket.
>
> Perhaps we could arrange a sked? An HT-4 to HT-4 QSO would be fun!
>
> 73, Barrie, W7ALW, Since 1950
>
>
>
> [Non-text portions of this message have been removed]
>

# 3675. Re: [T-368_BC-610] Re: HT-4 Questions, Yet another new member.

Yahoo group: T-368_BC-610
Date: 2009-02-26 03:25:01 UTC
From: aa9wqham@aol.com
Topic: 3603  Message: 3675

What is the value of the air padder? I might have one.
**********You're invited to Hollywood's biggest party: Get Oscars updates, red carpet pics and more at Moviefone. (http://movies.aol.com/oscars-academy-awards?ncid=emlcntusmovi00000001)

[Non-text portions of this message have been removed]

# 3676. Re: HT-4 Questions, Yet another new member.

Yahoo group: T-368_BC-610
Date: 2009-02-26 04:55:12 UTC
From: Steve Gomez
Topic: 3603  Message: 3676

Thanks! I will check in the manual and see if it is referenced. I
think the vacuum cap is about 50 pf?
--- In T-368_BC-610@yahoogroups.com, aa9wqham@... wrote:
>
> What is the value of the air padder? I might have one.
> **********You're invited to Hollywood's biggest party: Get Oscars
> updates, red carpet pics and more at Moviefone.
> (http://movies.aol.com/oscars-academy-awards?
ncid=emlcntusmovi00000001)
>
>
> [Non-text portions of this message have been removed]
>

# 3677. Re: HT-4 Questions, Yet another new member.

Yahoo group: T-368_BC-610
Date: 2009-02-27 00:09:25 UTC
From: Steve Gomez
Topic: 3603  Message: 3677

Checked with the HT-4B manual and sure enough, "C28 50 mmfd air pad capacitor".
TNX & 73,
Steve
--- In T-368_BC-610@yahoogroups.com, aa9wqham@... wrote:
>
> What is the value of the air padder? I might have one.

# 3678. Re: HT-4 Questions, Yet another new member.

Yahoo group: T-368_BC-610
Date: 2009-02-27 00:40:20 UTC
From: Greg Farrell
Topic: 3603  Message: 3678

Steve - nice HT-4B example. That Italian vintage SCR-299 is incredible. I had no idea they were into this sort of thing. And where'd they find it? It looks brand-new (the 299). Did the Italian Army inherit a bunch of them after the war?

Barrie - allow me a few months for development and maybe I can key with you guys on the HT-4. I do have to engineer the antenna (right now I have a long wire geared for receiving not transmitting) and most importantly, get that Technician license. You cannot imagine how motivated this very young, 59 year old man is! I feel like a kid again who just discovered ham radio.

Greg
Santa Rosa, Calif

--- In T-368_BC-610@yahoogroups.com, "Barrie Smith" <barrie@...> wrote:
>
> Steve:
>
> Good grief, HT-4s are coming out of the woodwork!
>
> I've had a very nice HT-4B for over 20 years. During that time, I've put a bit of effort into attempting to discover how many HT-4s there were still in existance.
>
> Until recently, I had uncovered none. Now we have 3 on this list.
>
> My HT-4B was on the cover of ER sometime in 1992.
>
> I've been using my HT-4 quite a bit recently on 75 and 160M. I'm listening right now on 1945, with the SX-73, for the evening get-together to start.
>
> A question: Does your HT-4 have a shelf, in the left, back corner or the RF compartment, with four vertical standoffs, with banana sockets for the 160M air-padder?
>
> Mine does. I'd sure like to find an original air-padder for that socket.
>
> Perhaps we could arrange a sked? An HT-4 to HT-4 QSO would be fun!
>
> 73, Barrie, W7ALW, Since 1950
>

# 3679. Re: [T-368_BC-610] Re: HT-4 Questions, Yet another new member.

Yahoo group: T-368_BC-610
Date: 2009-02-27 01:42:48 UTC
From: Barrie Smith
Topic: 3603  Message: 3679

Steve:

I'd very much like to have a copy of that HT-4B manual.

I have an HT-4 manual and a BC-610 manual, but the HT-4B is different than either (I've discovered).

73, Barrie, W7ALW
----- Original Message -----
From: Steve Gomez
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, February 26, 2009 5:09 PM
Subject: [T-368_BC-610] Re: HT-4 Questions, Yet another new member.

Checked with the HT-4B manual and sure enough, "C28 50 mmfd air pad
capacitor".
TNX & 73,
Steve
--- In T-368_BC-610@yahoogroups.com, aa9wqham@... wrote:
>
> What is the value of the air padder? I might have one.

[Non-text portions of this message have been removed]

# 3680. Re: HT-4 Questions, Yet another new member.

Yahoo group: T-368_BC-610
Date: 2009-02-27 03:18:14 UTC
From: Steve Gomez
Topic: 3603  Message: 3680

It was an awesome experience riding in them and everything worked!
Other vehicles had different kinds of radio equipment but they had a
nice example of a forward air control jeep called "Rover Joe" that
was equipped with a BC-191/BC-312 for hf and an SCR-522 VHF radio to
talk to the Thunderbolts. I will have to ask them where they came up
with the trucks.
FB on the license, hope to hear you soon!
73,
Steve
--- In T-368_BC-610@yahoogroups.com, "Greg Farrell" <gregf@...> wrote:
>
> Steve - nice HT-4B example. That Italian vintage SCR-299 is
> incredible. I had no idea they were into this sort of thing. And
> where'd they find it? It looks brand-new (the 299). Did the Italian
> Army inherit a bunch of them after the war?
>
> Barrie - allow me a few months for development and maybe I can key
> with you guys on the HT-4. I do have to engineer the antenna (right
> now I have a long wire geared for receiving not transmitting) and
most
> importantly, get that Technician license. You cannot imagine how
> motivated this very young, 59 year old man is! I feel like a kid
> again who just discovered ham radio.
>
> Greg
> Santa Rosa, Calif
>
>
> --- In T-368_BC-610@yahoogroups.com, "Barrie Smith" <barrie@> wrote:
> >
> > Steve:
> >
> > Good grief, HT-4s are coming out of the woodwork!
> >
> > I've had a very nice HT-4B for over 20 years. During that time,
> I've put a bit of effort into attempting to discover how many HT-4s
> there were still in existance.
> >
> > Until recently, I had uncovered none. Now we have 3 on this
list.
> >
> > My HT-4B was on the cover of ER sometime in 1992.
> >
> > I've been using my HT-4 quite a bit recently on 75 and 160M. I'm
> listening right now on 1945, with the SX-73, for the evening

> get-together to start.
> >
> > A question: Does your HT-4 have a shelf, in the left, back corner
> or the RF compartment, with four vertical standoffs, with banana
> sockets for the 160M air-padder?
> >
> > Mine does. I'd sure like to find an original air-padder for that
> socket.
> >
> > Perhaps we could arrange a sked? An HT-4 to HT-4 QSO would be
fun!
> >
> > 73, Barrie, W7ALW, Since 1950
> >
>

# 3681. Re: [SPAM][T-368_BC-610] Re: HT-4 Questions, Yet another new member.

Yahoo group: T-368_BC-610
Date: 2009-02-27 12:33:39 UTC
From: Alan Morriss
Topic: 3681  Message: 3681

hello guys, you may have seen pictures of our scr 399 truck.it is in excellennt condition, and all we had to do was rebuild the roof.we used the original canvas construction, as it is easy to get from yachting suppliers. the history was that it was used in the battle of the bulge, ans when the americans began chasing the germans back home, they left a lot of stuff in luxembourg. this was given to the luxembourg army after the war. at least that was what they told us. there are a good number of things like this in europe, as many armies carried on using them for a long time. they ware as good as most replacements !
if you consider the bc610/bc342, it provides reliable communications for ranges up to several hundred miles as effectively as it did during ww2.
at the beltring military vehicle show , we worked into russia and hungary on the whip antenna. alan g4gen
----- Original Message -----
From: Steve Gomez
To: T-368_BC-610@yahoogroups.com
Sent: Friday, February 27, 2009 3:18 AM
Subject: [SPAM][T-368_BC-610] Re: HT-4 Questions, Yet another new member.

It was an awesome experience riding in them and everything worked!
Other vehicles had different kinds of radio equipment but they had a
nice example of a forward air control jeep called "Rover Joe" that
was equipped with a BC-191/BC-312 for hf and an SCR-522 VHF radio to
talk to the Thunderbolts. I will have to ask them where they came up
with the trucks.
FB on the license, hope to hear you soon!
73,
Steve
--- In T-368_BC-610@yahoogroups.com, "Greg Farrell" <gregf@...> wrote:
>
> Steve - nice HT-4B example. That Italian vintage SCR-299 is
> incredible. I had no idea they were into this sort of thing. And
> where'd they find it? It looks brand-new (the 299). Did the Italian
> Army inherit a bunch of them after the war?
>
> Barrie - allow me a few months for development and maybe I can key
> with you guys on the HT-4. I do have to engineer the antenna (right
> now I have a long wire geared for receiving not transmitting) and
most
> importantly, get that Technician license. You cannot imagine how
> motivated this very young, 59 year old man is! I feel like a kid
> again who just discovered ham radio.
>
> Greg
> Santa Rosa, Calif
>

>
> --- In T-368_BC-610@yahoogroups.com, "Barrie Smith" <barrie@> wrote:
> >
> > Steve:
> >
> > Good grief, HT-4s are coming out of the woodwork!
> >
> > I've had a very nice HT-4B for over 20 years. During that time,
> I've put a bit of effort into attempting to discover how many HT-4s
> there were still in existance.
> >
> > Until recently, I had uncovered none. Now we have 3 on this
list.
> >
> > My HT-4B was on the cover of ER sometime in 1992.
> >
> > I've been using my HT-4 quite a bit recently on 75 and 160M. I'm
> listening right now on 1945, with the SX-73, for the evening
> get-together to start.
> >
> > A question: Does your HT-4 have a shelf, in the left, back corner
> or the RF compartment, with four vertical standoffs, with banana
> sockets for the 160M air-padder?
> >
> > Mine does. I'd sure like to find an original air-padder for that
> socket.
> >
> > Perhaps we could arrange a sked? An HT-4 to HT-4 QSO would be
fun!
> >
> > 73, Barrie, W7ALW, Since 1950
> >
>

[Non-text portions of this message have been removed]

# 3682. SCR-399s in Europe

Yahoo group: T-368_BC-610
Date: 2009-02-27 18:40:45 UTC
From: rbethman
Topic: 3682  Message: 3682

There were a number of warehouses in Europe/NATO FULL of these in the '60s. It was part of the "pre-positioning" of equipment in the event of the outbreak of war.

They were totally complete, and housings were mounted on M-35s.

It is no surprise that they may turn up from time to time, as in Italy.

Lost track of these over the decades. The BC-610s went through Depot in the late '50s. They were updated and the nomenclature was changed to T-213. I have ONE T-213, dated "Depot - JUL 1959".

Stenciling was used to re-mark the panel(s).

Bob - N0DGN

--
Bob - N?DGN

# 3683. [SPAM][T-368_BC-610] Re: HT-4 Questions, Yet another new member.

Yahoo group: T-368_BC-610
Date: 2009-02-27 18:45:45 UTC
From: Greg Farrell
Topic: 3681  Message: 3683

Yeah, Hi Alan,

I was looking at your SCR 399 photos
http://groups.yahoo.com/group/T-368_BC-610/photos/album/1843358178/pic/list

When I was in the Army National Guard (Engineer Unit) here in Santa Rosa, California, we had 2 or 3 of the shacks (just the radio room not the truck) in our yard and they were used for storage of all things. Most all the gear had already been stripped out. At the time I didn't know of their historical role but there were exactly like in your photos. I will have to check if they still have them. That was 15 years ago now.

You guys are wonderful at restoring and preserving the old equipment.

Cheers,

Greg
Santa Rosa

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello guys, you may have seen pictures of our scr 399 truck.it is in excellennt condition, and all we had to do was rebuild the roof.we used the original canvas construction, as it is easy to get from yachting suppliers. the history was that it was used in the battle of the bulge, ans when the americans began chasing the germans back home, they left a lot of stuff in luxembourg. this was given to the luxembourg army after the war. at least that was what they told us. there are a good number of things like this in europe, as many armies carried on using them for a long time. they ware as good as most replacements !
> if you consider the bc610/bc342, it provides reliable communications for ranges up to several hundred miles as effectively as it did during ww2.
> at the beltring military vehicle show , we worked into russia and hungary on the whip antenna. alan g4gen

# 3684. Re: [T-368_BC-610] SCR-399s in Europe

Yahoo group: T-368_BC-610
Date: 2009-02-27 19:48:14 UTC
From: wa5cab@cs.com
Topic: 3682  Message: 3684

SCR-399-A,B became AN/GRC-26. At or about the same time, BC-610-F and later started going through Depot and coming out as T-213/GRC-26. The refinishing specs for the overhauls must have been fairly lax. I once owned four of them still in the Depot crates. Three were semi-gloss black and one was black wrinkle (it had started life as a BC-610-F). The lettering quality on the front panels varied from looking like it was original factory to looking almost like it was hand-lettered.

In a message dated 2/27/2009 12:41:14 PM Central Standard Time, rbethman@... writes:
> There were a number of warehouses in Europe/NATO FULL of these in the
> '60s. It was part of the "pre-positioning" of equipment in the event of
> the outbreak of war.
>
> They were totally complete, and housings were mounted on M-35s.
>
> It is no surprise that they may turn up from time to time, as in Italy.
>
> Lost track of these over the decades. The BC-610s went through Depot in
> the late '50s. They were updated and the nomenclature was changed to
> T-213. I have ONE T-213, dated "Depot - JUL 1959".
>
> Stenciling was used to re-mark the panel(s).
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3685. Re: [T-368_BC-610] SCR-399s in Europe

Yahoo group: T-368_BC-610
Date: 2009-02-27 19:52:55 UTC
From: rbethman
Topic: 3682  Message: 3685

When we went out in the field on training exercises, BN HQ took "theirs"
out.

We loaded up the "field" BN Aid Station.

The GRC-26s were running RTTY for messaging.

Boob - N0DGN

wa5cab@... wrote:
>
> SCR-399-A,B became AN/GRC-26. At or about the same time, BC-610-F and
> later
> started going through Depot and coming out as T-213/GRC-26. The
> refinishing
> specs for the overhauls must have been fairly lax. I once owned four
> of them
> still in the Depot crates. Three were semi-gloss black and one was black
> wrinkle (it had started life as a BC-610-F). The lettering quality on
> the front
> panels varied from looking like it was original factory to looking
> almost like
> it was hand-lettered.
>
> . <!-- #ygrp-mkp{ border: 1px solid #d8d8d8; font-family: Arial;
> margin: 14px 0px; padding: 0px 14px; } #ygrp-mkp hr{ border: 1px solid
> #d8d8d8; } #ygrp-mkp #hd{ color: #628c2a; font-size: 85%; font-weight:
> bold; line-height: 122%; margin: 10px 0px; } #ygrp-mkp #ads{
> margin-bottom: 10px; } #ygrp-mkp .ad{ padding: 0 0; } #ygrp-mkp .ad a{
> color: #0000ff; text-decoration: none; } --> <!-- #ygrp-sponsor
> #ygrp-lc{ font-family: Arial; } #ygrp-sponsor #ygrp-lc #hd{ margin:
> 10px 0px; font-weight: bold; font-size: 78%; line-height: 122%; }
> #ygrp-sponsor #ygrp-lc .ad{ margin-bottom: 10px; padding: 0 0; } -->
> <!-- #ygrp-mlmsg {font-size:13px; font-family:
> arial,helvetica,clean,sans-serif;*font-size:small;*font:x-small;}
> #ygrp-mlmsg table {font-size:inherit;font:100%;} #ygrp-mlmsg select,
> input, textarea {font:99% arial,helvetica,clean,sans-serif;}
> #ygrp-mlmsg pre, code {font:115% monospace;*font-size:100%;}
> #ygrp-mlmsg * {line-height:1.22em;} #ygrp-text{ font-family: Georgia;
> } #ygrp-text p{ margin: 0 0 1em 0; } dd.last p a { font-family:
> Verdana; font-weight: bold; } #ygrp-vitnav{ padding-top: 10px;
> font-family: Verdana; font-size: 77%; margin: 0; } #ygrp-vitnav a{
> padding: 0 1px; } #ygrp-mlmsg #logo{ padding-bottom: 10px; }
> #ygrp-reco { margin-bottom: 20px; padding: 0px; } #ygrp-reco
> #reco-head { font-weight: bold; color: #ff7900; } #reco-category{
> font-size: 77%; } #reco-desc{ font-size: 77%; } #ygrp-vital a{

> text-decoration: none; } #ygrp-vital a:hover{ text-decoration:
> underline; } #ygrp-sponsor #ov ul{ padding: 0 0 0 8px; margin: 0; }
> #ygrp-sponsor #ov li{ list-style-type: square; padding: 6px 0;
> font-size: 77%; } #ygrp-sponsor #ov li a{ text-decoration: none;
> font-size: 130%; } #ygrp-sponsor #nc{ background-color: #eee;
> margin-bottom: 20px; padding: 0 8px; } #ygrp-sponsor .ad{ padding: 8px
> 0; } #ygrp-sponsor .ad #hd1{ font-family: Arial; font-weight: bold;
> color: #628c2a; font-size: 100%; line-height: 122%; } #ygrp-sponsor
> .ad a{ text-decoration: none; } #ygrp-sponsor .ad a:hover{
> text-decoration: underline; } #ygrp-sponsor .ad p{ margin: 0; }
> o{font-size: 0; } .MsoNormal{ margin: 0 0 0 0; } #ygrp-text tt{
> font-size: 120%; } blockquote{margin: 0 0 0 4px;} .replbq{margin:4}
> dd.last p span { margin-right: 10px; font-family: Verdana;
> font-weight: bold; } dd.last p span.yshortcuts { margin-right: 0; }
> div.photo-title a, div.photo-title a:active, div.photo-title a:hover,
> div.photo-title a:visited { text-decoration: none; } div.file-title a,
> div.file-title a:active, div.file-title a:hover, div.file-title
> a:visited { text-decoration: none; } #ygrp-msg p { clear: both;
> padding: 15px 0 3px 0; overflow: hidden; } #ygrp-msg p span { color:
> #1E66AE; font-weight: bold; } div#ygrp-mlmsg #ygrp-msg p a
> span.yshortcuts { font-family: Verdana; font-size: 10px; font-weight:
> normal; } #ygrp-msg p a { font-family: Verdana; font-size: 10px; }
> #ygrp-mlmsg a { color: #1E66AE; } div.attach-table div div a {
> text-decoration: none; } div.attach-table { width: 400px; } -->
--
Bob - NØDGN

[Non-text portions of this message have been removed]

# 3686. Re: SCR-399s in Europe

Yahoo group: T-368_BC-610
Date: 2009-02-27 20:21:06 UTC
From: g3vkm
Topic: 3682  Message: 3686

Hi Robert,

Sounds like the same signwriters painted my '610-E. The writing does look hand-drawn and they had spelt "Excitation" wrong - doh!

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, wa5cab@... wrote:
>
The lettering quality on the front
> panels varied from looking like it was original factory to looking almost like
> it was hand-lettered.
>
> In a message dated 2/27/2009 12:41:14 PM Central Standard Time,
> rbethman@... writes:
> > There were a number of warehouses in Europe/NATO FULL of these in the

# 3687. Re: [T-368_BC-610] Re: SCR-399s in Europe

Yahoo group: T-368_BC-610
Date: 2009-02-27 20:30:30 UTC
From: rbethman
Topic: 3682  Message: 3687

Roger,

That holds with our experience!

The Depot work the "last time" wasn't done very well on the "finishing" touches! ROTFLMAO

However, I will have to say the insides were well tended to. I only found ONE wiring/soldering point that wasn't up to par. It was the end of the oscillator chain. No support for the solder joint. The solder broke with all the transporting around the country.

The 2 1/2 ton trucks as have been posted by you and your European Brethren were taken out of service about 1962/1963. I saw large lots of these parked end to end/side by side as they went out of service. The funny thing was that they ALL had automatic transmissions! Of course, these "were" Air Force.

Bob - N0DGN

g3vkm wrote:
>
> Hi Robert,
>
> Sounds like the same signwriters painted my '610-E. The writing does
> look hand-drawn and they had spelt "Excitation" wrong - doh!
>
> 73
>
> Roger/G3VKM
>
> --- In T-368_BC-610@yahoogroups.com
> <mailto:T-368_BC-610%40yahoogroups.com>, wa5cab@... wrote:
> >
> The lettering quality on the front
> > panels varied from looking like it was original factory to looking
> almost like
> > it was hand-lettered.
> >
> > In a message dated 2/27/2009 12:41:14 PM Central Standard Time,
> > rbethman@... writes:
> > > There were a number of warehouses in Europe/NATO FULL of these in
> the
>
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

# 3688. Re: [T-368_BC-610] Re: SCR-399s in Europe

Yahoo group: T-368_BC-610
Date: 2009-02-27 21:06:54 UTC
From: Robert Heaton
Topic: 3682  Message: 3688

Hi guys, just an opinion.
Wonder how much of this buying  "STUFF" stockpiling it around the world and selling it for $/pound still goes on today.
If I had room in my back yard for an ICBM , where could I  pick one up...cheap..E-BAY ?

73, BoB.
wb4jpz1@...

--- On Fri, 2/27/09, rbethman <rbethman@...> wrote:

From: rbethman <rbethman@...>
Subject: Re: [T-368_BC-610] Re: SCR-399s in Europe
To: T-368_BC-610@yahoogroups.com
Date: Friday, February 27, 2009, 3:30 PM

Roger,

That holds with our experience!

The Depot work the "last time" wasn't done very well on the "finishing" touches! ROTFLMAO

However, I will have to say the insides were well tended to. I only found ONE wiring/soldering point that wasn't up to par. It was the end of the oscillator chain. No support for the solder joint. The solder broke with all the transporting around the country.

The 2 1/2 ton trucks as have been posted by you and your European Brethren were taken out of service about 1962/1963. I saw large lots of these parked end to end/side by side as they went out of service. The funny thing was that they ALL had automatic transmissions! Of course, these "were" Air Force.

Bob - N0DGN

g3vkm wrote:
>
> Hi Robert,
>
> Sounds like the same signwriters painted my '610-E. The writing does
> look hand-drawn and they had spelt "Excitation" wrong - doh!
>
> 73
>
> Roger/G3VKM
>
> --- In T-368_BC-610@ yahoogroups. com

> <mailto:T-368_ BC-610%40yahoogr oups.com> , wa5cab@... wrote:
> >
> The lettering quality on the front
> > panels varied from looking like it was original factory to looking
> almost like
> > it was hand-lettered.
> >
> > In a message dated 2/27/2009 12:41:14 PM Central Standard Time,
> > rbethman@... writes:
> > > There were a number of warehouses in Europe/NATO FULL of these in
> the
>
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3689. Re: [T-368_BC-610] Re: SCR-399s in Europe

Yahoo group: T-368_BC-610
Date: 2009-02-27 21:36:21 UTC
From: rbethman
Topic: 3682  Message: 3689

Well, there is "still" a lot of items that are put on sale at DRMO sites.

How about $1500 NEMA equipment racks for $75 each?

I've got three sitting right here NOW.

Just start getting into the Military Surplus sales.

You don't know what you'll find until you get in, look at the lots that
are for sale, and decide "if" you want to get in.

ICBMs? No. Electronics? By the pallet load, constitutes one "lot".

Bob - N0DGN

Robert Heaton wrote:
>
> Hi guys, just an opinion.
> Wonder how much of this buying "STUFF" stockpiling it around the
> world and selling it for $/pound still goes on today.
> If I had room in my back yard for an ICBM , where could I pick one
> up...cheap..E-BAY ?
>
> 73, BoB.
> wb4jpz1@... <mailto:wb4jpz1%40yahoo.com>
>
>
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

# 3690. Re: [T-368_BC-610] Re: SCR-399s in Europe

Yahoo group: T-368_BC-610
Date: 2009-02-28 01:04:34 UTC
From: Joe Foley
Topic: 3682  Message: 3690

Oh yeah?

If you deal with GovLiquidation you'd better count your fingers after you shake hands!

They are crooked and sloppy!

I, and many others, have quit dealing with them.

Joe

--- On Fri, 2/27/09, rbethman <rbethman@...> wrote:
From: rbethman <rbethman@...>
Subject: Re: [T-368_BC-610] Re: SCR-399s in Europe
To: T-368_BC-610@yahoogroups.com
Date: Friday, February 27, 2009, 4:36 PM

Well, there is "still" a lot of items that are put on sale at DRMO sites.

How about $1500 NEMA equipment racks for $75 each?

I've got three sitting right here NOW.

Just start getting into the Military Surplus sales.

You don't know what you'll find until you get in, look at the lots that

are for sale, and decide "if" you want to get in.

ICBMs? No. Electronics? By the pallet load, constitutes one "lot".

Bob - N0DGN

Robert Heaton wrote:

>

> Hi guys, just an opinion.

> Wonder how much of this buying "STUFF" stockpiling it around the

> world and selling it for $/pound still goes on today.

> If I had room in my back yard for an ICBM , where could I pick one

> up...cheap.. E-BAY ?

>

> 73, BoB.

> wb4jpz1@yahoo. com <mailto:wb4jpz1% 40yahoo.com>

>

>

>

--

Bob - NØDGN

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3691. Re: [T-368_BC-610] Re: HT-4 Questions, Yet another new member.

Yahoo group: T-368_BC-610
Date: 2009-02-28 03:55:31 UTC
From: Larry Godek
Topic: 3603  Message: 3691

Some time back when i was going thru boxes out in the shed and garage i found one of those padders.  Couldn't figure out what it was for as it plugged into something like what you guys are talking about.  Now i wonder where it's at.  Might be just what is needed for your HT-4 transmitters.

Larry
W0OGH

--- On Wed, 2/25/09, Steve Gomez <stevegomez@...> wrote:
From: Steve Gomez <stevegomez@...>
Subject: [T-368_BC-610] Re: HT-4 Questions, Yet another new member.
To: T-368_BC-610@yahoogroups.com
Date: Wednesday, February 25, 2009, 7:58 PM

Hi Barrie!

Indeed it does have the pedestal (socket) for the padder but I have

not seen one either (except in VoV).

I just received a 160m PA coil from Fair Radio so maybe someday?

The TX is in my "museum" here at work but would probably not take too

much to set up an operating position. Ht-4 to HT-4 would be cool.

We'll keep you posted.

73,

Steve

--- In T-368_BC-610@ yahoogroups. com, "Barrie Smith" <barrie@...>

wrote:

>

> Steve:

>

> Good grief, HT-4s are coming out of the woodwork!

>

> I've had a very nice HT-4B for over 20 years. During that time,

I've put a bit of effort into attempting to discover how many HT-4s

there were still in existance.

>

> Until recently, I had uncovered none. Now we have 3 on this list.

>

> My HT-4B was on the cover of ER sometime in 1992.

>

> I've been using my HT-4 quite a bit recently on 75 and 160M. I'm listening right now on 1945, with the SX-73, for the evening get-together to start.

>

> A question: Does your HT-4 have a shelf, in the left, back corner or the RF compartment, with four vertical standoffs, with banana sockets for the 160M air-padder?

>

> Mine does. I'd sure like to find an original air-padder for that socket.

>

> Perhaps we could arrange a sked? An HT-4 to HT-4 QSO would be fun!

>

> 73, Barrie, W7ALW, Since 1950

>

>

>

> [Non-text portions of this message have been removed]

>

[Non-text portions of this message have been removed]

# 3692. Re: HT-4 Questions, Yet another new member.

Yahoo group: T-368_BC-610
Date: 2009-02-28 06:03:36 UTC
From: Greg Farrell
Topic: 3603  Message: 3692

Interesting...the HT-4 Manual has no reference to this air pad
condenser. The highest is C23: 4 mf. - 3000 V. Oil

Greg
Santa Rosa, Calif

--- In T-368_BC-610@yahoogroups.com, Larry Godek <tel1grapher@...> wrote:
>
> Some time back when i was going thru boxes out in the shed and
garage i found one of those padders.  Couldn't figure out what it was
for as it plugged into something like what you guys are talking
about.  Now i wonder where it's at.  Might be just what is needed for
your HT-4 transmitters.
>
> Larry
> W0OGH

>Checked with the HT-4B manual and sure enough, "C28 50 mmfd air pad
>capacitor".
>TNX & 73,
>Steve

# 3693. Re: [T-368_BC-610] Re: SCR-399s in Europe

Yahoo group: T-368_BC-610
Date: 2009-02-28 16:53:11 UTC
From: rbethman
Topic: 3682  Message: 3693

I guess if you just can't swim with sharks, then one MUST stay out of
the water.

I've yet to be bitten. Perhaps it is how you carry your catch or bait.

Bob - N0DGN

Joe Foley wrote:
>
> Oh yeah?
>
> If you deal with GovLiquidation you'd better count your fingers after
> you shake hands!
>
> They are crooked and sloppy!
>
> I, and many others, have quit dealing with them.
>
> Joe
>
> --- On Fri, 2/27/09, rbethman <rbethman@...
> <mailto:rbethman%40comcast.net>> wrote:
> From: rbethman <rbethman@... <mailto:rbethman%40comcast.net>>
> Subject: Re: [T-368_BC-610] Re: SCR-399s in Europe
> To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> Date: Friday, February 27, 2009, 4:36 PM
>
> Well, there is "still" a lot of items that are put on sale at DRMO sites.
>
> How about $1500 NEMA equipment racks for $75 each?
>
> I've got three sitting right here NOW.
>
> Just start getting into the Military Surplus sales.
>
> You don't know what you'll find until you get in, look at the lots that
>
> are for sale, and decide "if" you want to get in.
>
> ICBMs? No. Electronics? By the pallet load, constitutes one "lot".
>
> Bob - N0DGN
>
> Robert Heaton wrote:
>
> >

>
> > Hi guys, just an opinion.
>
> > Wonder how much of this buying "STUFF" stockpiling it around the
>
> > world and selling it for $/pound still goes on today.
>
> > If I had room in my back yard for an ICBM , where could I pick one
>
> > up...cheap.. E-BAY ?
>
> >
>
> > 73, BoB.
>
> > wb4jpz1@yahoo. com <mailto:wb4jpz1% 40yahoo.com>
>
> >
>
> >
>
> >
>
> --
>
> Bob - NØDGN
>
> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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--
Bob - NØDGN

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# 3694. off-topic - sorta

Yahoo group: T-368_BC-610
Date: 2009-02-28 19:35:02 UTC
From: W5OMR-Geoff
Topic: 3694  Message: 3694

>
> I've been using my HT-4 quite a bit recently on 75 and 160M. I'm listening right now on 1945, with the SX-73, for the evening get-together to start.

I wonder just how many of the SX-73's are still in use?

I have three. All R-274's... One A, one D and one no letter at all.

Was there ever a 'B' model?

I've found that the R-274"C" model was actually the Hammarlund SP-600.

I know Lum/K5AYD in Cache, OK has an SX-73. Dave/W4QCU in Oak Ridge, TN has one...
and on this list, now there's another. How many made it back?

I was just kinda curious as to where the rest of these wounderous machines where.

--
73 = Best Regards,
-Geoff/W5OMR (/5 Spring, TX)

# 3695. Re: [T-368_BC-610] off-topic - sorta

Yahoo group: T-368_BC-610
Date: 2009-02-28 20:11:19 UTC
From: wa5cab@cs.com
Topic: 3694  Message: 3695

Geoff,

I've never owned any of the receivers themselves but my information, substantiated in part by the appropriate TM 11's or NAVSHIPS, is that R-274/FRR and R-274D/FRR are SX-73's. R-274A/FRR and R-274C/FRR are SP-600-JX's. And R-274B/FRR (apparently a Navy set) is SP-600-JX6. There is a table in TM 11-851 with a long list of mostly minor changes between R-274A and R-274C, plus further changes in R-274C at higher serial numbers.

There is a photograph in the TM specifically identified as R-274A, and it is an SP-600. If one of your SX-73's carries an R-274A/FRR nameplate, someone must have done some switchy-swappie.

In a message dated 2/28/2009 1:35:37 PM Central Standard Time, w5omr@... writes:
> >I've been using my HT-4 quite a bit recently on 75 and 160M. I'm
> listening right now on 1945, with the SX-73, for the evening get-together to start.
>
> I wonder just how many of the SX-73's are still in use?
>
> I have three. All R-274's... One A, one D and one no letter at all.
>
> Was there ever a 'B' model?
>
> I've found that the R-274"C" model was actually the Hammarlund SP-600.
>
> I know Lum/K5AYD in Cache, OK has an SX-73. Dave/W4QCU in Oak Ridge, TN
> has one...
> and on this list, now there's another. How many made it back?
>
> I was just kinda curious as to where the rest of these wounderous
> machines where.
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3696. RE: [T-368_BC-610] off-topic - sorta

Yahoo group: T-368_BC-610
Date: 2009-02-28 20:24:57 UTC
From: Meir WF2U
Topic: 3694  Message: 3696

I have a mint R-274/FRR (SX-73 in civilian...) I use regularly since I put it back on line about 6 months ago. I love that receiver! One of the things I love about it is that the plate voltage really low. All the caps are original, except for the bias voltage filter cap which was shorted, and I had no RF gain control - it was wide open as the bias voltage was grounded via the grid resistors and the shorted cap. This is after having the receiver on the shelf for 6 years without powering it up during that time. Interesting that of all the caps a 50VDC rated cap went bad (in a 30 VDC circuit) and none of the HV bypass caps...

73, Meir WF2U
Landrum, SC

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of W5OMR-Geoff
Sent: Saturday, February 28, 2009 2:35 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] off-topic - sorta

>
> I've been using my HT-4 quite a bit recently on 75 and 160M. I'm listening right now on 1945, with the SX-73, for the evening get-together to start.

I wonder just how many of the SX-73's are still in use?

I have three. All R-274's... One A, one D and one no letter at all.

Was there ever a 'B' model?

I've found that the R-274"C" model was actually the Hammarlund SP-600.

I know Lum/K5AYD in Cache, OK has an SX-73. Dave/W4QCU in Oak Ridge, TN has one...
and on this list, now there's another. How many made it back?

I was just kinda curious as to where the rest of these wounderous machines where.

--
73 = Best Regards,
-Geoff/W5OMR (/5 Spring, TX)

---

Yahoo! Groups Links

Internal Virus Database is out of date.
Checked by AVG - www.avg.com
Version: 8.0.1 / Virus Database: 270.10.17/1933 - Release Date: 02/03/09
17:48:00

# 3697. Re: [T-368_BC-610] off-topic - sorta

Yahoo group: T-368_BC-610
Date: 2009-02-28 20:33:56 UTC
From: rbethman
Topic: 3694  Message: 3697

Robert & Geoff,

Somewhere in the fray, the R450/FRR-28, a SP-600 J-11, (NO X), was
modified by Northern Radio for the Navy. It is tagged as NO bsr 57519.

They cover from 540Kc to 54Mc. No crystal slector, NOR even the hole
where one "might" have been.

Bob -- N0DGN

wa5cab@... wrote:
>
> Geoff,
>
> I've never owned any of the receivers themselves but my information,
> substantiated in part by the appropriate TM 11's or NAVSHIPS, is that
> R-274/FRR and
> R-274D/FRR are SX-73's. R-274A/FRR and R-274C/FRR are SP-600-JX's. And
> R-274B/FRR (apparently a Navy set) is SP-600-JX6. There is a table in
> TM 11-851 with
> a long list of mostly minor changes between R-274A and R-274C, plus
> further
> changes in R-274C at higher serial numbers.
>
> There is a photograph in the TM specifically identified as R-274A, and
> it is
> an SP-600. If one of your SX-73's carries an R-274A/FRR nameplate,
> someone
> must have done some switchy-swappie.
>
> In a message dated 2/28/2009 1:35:37 PM Central Standard Time,
> w5omr@... <mailto:w5omr%40satx.rr.com> writes:
> > >I've been using my HT-4 quite a bit recently on 75 and 160M. I'm
> > listening right now on 1945, with the SX-73, for the evening
> get-together to start.
> >
> > I wonder just how many of the SX-73's are still in use?
> >
> > I have three. All R-274's... One A, one D and one no letter at all.
> >
> > Was there ever a 'B' model?
> >
> > I've found that the R-274"C" model was actually the Hammarlund SP-600.
> >
> > I know Lum/K5AYD in Cache, OK has an SX-73. Dave/W4QCU in Oak Ridge, TN
> > has one...

> > and on this list, now there's another. How many made it back?
> >
> > I was just kinda curious as to where the rest of these wounderous
> > machines where.
> >
>
> Robert Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
> [Non-text portions of this message have been removed]
>
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

# 3698. Re: [T-368_BC-610] off-topic - sorta

Yahoo group: T-368_BC-610
Date: 2009-02-28 20:47:11 UTC
From: wa5cab@cs.com
Topic: 3694  Message: 3698

OK. I don't have anything on an R-450 or AN/FRR-28. Sounds like it would be an SP-600-J something. I forgot to add in the previous (since it was actually aimed at what was SX-73 and what wasn't) that R-320/FRR, R--483/FRR and R-483A/FRR are further modifications past R-274C/FRR. All are covered in TM 11-851 on AN/FRR-12D.

In a message dated 2/28/2009 2:34:20 PM Central Standard Time, rbethman@... writes:

> Robert &Geoff,
>
> Somewhere in the fray, the R450/FRR-28, a SP-600 J-11, (NO X), was
> modified by Northern Radio for the Navy. It is tagged as NO bsr 57519.
>
> They cover from 540Kc to 54Mc. No crystal slector, NOR even the hole
> where one "might" have been.
>
> Bob -- N0DGN
>
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3699. Re: [T-368_BC-610] off-topic - sorta

Yahoo group: T-368_BC-610
Date: 2009-02-28 21:22:23 UTC
From: rbethman
Topic: 3694  Message: 3699

Robert,

The Northern Radio modified SP-600 is an SP-600 J-11.

We've NOT located a Military manual for these. The ONLY documentation
is from Northern Radio.

They are pre JX.

We DO know they are NOT in line with the SX-73s, BUT - placing them in
the time line of the entire series is problematic.

Bob - N0DGN

wa5cab@... wrote:
>
> OK. I don't have anything on an R-450 or AN/FRR-28. Sounds like it
> would be
> an SP-600-J something. I forgot to add in the previous (since it was
> actually aimed at what was SX-73 and what wasn't) that R-320/FRR,
> R--483/FRR and
> R-483A/FRR are further modifications past R-274C/FRR. All are covered
> in TM
> 11-851 on AN/FRR-12D.
>
> In a message dated 2/28/2009 2:34:20 PM Central Standard Time,
> rbethman@... <mailto:rbethman%40comcast.net> writes:
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> >
> > Somewhere in the fray, the R450/FRR-28, a SP-600 J-11, (NO X), was
> > modified by Northern Radio for the Navy. It is tagged as NO bsr 57519.
> >
> > They cover from 540Kc to 54Mc. No crystal slector, NOR even the hole
> > where one "might" have been.
> >
> > Bob -- N0DGN
> >
> >
>
> Robert & Susan Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
> [Non-text portions of this message have been removed]
>
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

# 3700. Re: [T-368_BC-610] off-topic - sorta

Yahoo group: T-368_BC-610
Date: 2009-02-28 22:41:57 UTC
From: Todd, KA1KAQ
Topic: 3694  Message: 3700

On Sat, Feb 28, 2009 at 3:47 PM, <wa5cab@...> wrote:
> OK. I don't have anything on an R-450 or AN/FRR-28. Sounds like it would be
> an SP-600-J something. I forgot to add in the previous (since it was
> actually aimed at what was SX-73 and what wasn't) that R-320/FRR, R--483/FRR
> and
> R-483A/FRR are further modifications past R-274C/FRR.

Just to confuse things a bit more, I have a nice R-320/FRC which is
the RCA SC(Signal Corps)-88. Wonder what differed enough to require a
new receiver and nomenclature?

Geoff, I recently saw 4-5 of the SX-73 variants while visiting a
friend, didn't get to look each one over for differences. It's one of
the few receivers I'd still like to add to the stable here, once the
load is lightened a bit more. Over the years I've seen a few that were
tagged clearly with Hallicrafters SX-73 plates and no mil tags. Not
sure if the tags were just missing or they were civvie versions.

~ Todd, KA1KAQ/4

# 3703. Re: [T-368_BC-610] off-topic - sorta

Yahoo group: T-368_BC-610
Date: 2009-03-01 13:58:36 UTC
From: Geoff/W5OMR
Topic: 3694  Message: 3703

wa5cab@... wrote:
> Geoff,
>
> I've never owned any of the receivers themselves but my information,
> substantiated in part by the appropriate TM 11's or NAVSHIPS, is that R-274/FRR and
> R-274D/FRR are SX-73's. R-274A/FRR and R-274C/FRR are SP-600-JX's. And
> R-274B/FRR (apparently a Navy set) is SP-600-JX6. There is a table in TM 11-851 with
> a long list of mostly minor changes between R-274A and R-274C, plus further
> changes in R-274C at higher serial numbers.
>
> There is a photograph in the TM specifically identified as R-274A, and it is
> an SP-600. If one of your SX-73's carries an R-274A/FRR nameplate, someone
> must have done some switchy-swappie.
>

Well, now you've got me wondering, Bob.

I don't have physical access to them, at this time. Moved to Houston
back in August, and the major bulk of my gear is still in San Antonio.

I hauled what I thought was the 'A' model to Perry/W5KGZ in Beaumont,
just yesterday. Maybe he'll chime in here, and let us know if it says
'A', or just "R-274/FRR". That was the 2nd SX-73 I obtained. Bought it
from a one-time AM operator in SouthWest Louisiana.

The first SX-73 I owned was procured from the late John Mohn/W5MEU. It
is the 'D' model. John(R.I.P.) was a long time AM'er, haunting all of
the HF bands with side-by-side BC-610's (E and I), and a Johnson Ranger
I and II for 10m. John was a BC-610 expert and master restorer, and one
of the most knowledgeable fellows known to ham-dom on the restoration
and resurrection of R-390's of all makes and models. John and 'Ozona
Bob' were best of friends. I bought the Hallicrafters from John in
1986. The third SX-73 I got in a trade with KC5MIP. My dream was to
have all three receivers in a rack, each with it's own antenna, and the
outputs delivered to a mixer with one speaker. Probably not what some
purists call 'true diversity reception', but QSB could probably be kept
to a minimum.

I've long dreamed of having a 'killer' antenna system, for 75m.
When I was younger, I wanted a 180' tower, with inverted V antennas
strung out from heights of 180', 120' and 60', feeding all three at the
same time.

A little later in my ham career I wanted a pair of 180' towers with
flat-topped dipoles at the same heights as described above, fed with
open wire transmission line.

Now, I'm thinking that a pair of Delta Loops, 90 degrees spaced and phased, with a steerable radiation pattern is desirable.

Of course, this is still just a dream. Currenty I'm 'cliff-dwelling' in an apartment and there's not even enough room here to put up a decent 2m antenna :-(

Thanks for the input, Bob.

--
73 = Best Regards,
-Geoff/W5OMR (/5 Baja Spring, TX)

# 3704. Re: [T-368_BC-610] off-topic - sorta

Yahoo group: T-368_BC-610
Date: 2009-03-01 14:12:41 UTC
From: Geoff/W5OMR
Topic: 3694  Message: 3704

Todd, KA1KAQ wrote:
>
> Geoff, I recently saw 4-5 of the SX-73 variants while visiting a
> friend, didn't get to look each one over for differences. It's one of
> the few receivers I'd still like to add to the stable here, once the
> load is lightened a bit more. Over the years I've seen a few that were
> tagged clearly with Hallicrafters SX-73 plates and no mil tags. Not
> sure if the tags were just missing or they were civvie versions.
>

Long time family friend and old AM'er Paul/K5DKM(sk) had an Civilian
SX-73. I had it in my possession for a short time. I regretted letting
that one go. There was no difference that I could see in it, and the
R-274 version of the SX-73, except for the plates. Tube line-up was the
same (including that rare piece of unobtainium called the 6-4 Ballast
tube), as well as the RF input and I.F. output connectors.

> ~ Todd, KA1KAQ/4

How's the transition been, Todd? Been a while since we've shared any
screen time.
Drop me an email, and let's catch up.

--
73 = Best Regards,
-Geoff/W5OMR (/5 Baja Spring, TX)
(that should get yer interest ;->)

# 3705. Re: [T-368_BC-610] Re: HT-4 Questions, Yet another new member.

Yahoo group: T-368_BC-610
Date: 2009-03-01 14:33:02 UTC
From: W5OMR-Geoff
Topic: 3603  Message: 3705

Greg Farrell wrote:

Greg, forget the Tech... study a bit, and go get yer General class ticket. Put that HT-4 on the air and use it to it's fullest potential.

Lots of these guys use CW (although it's no longer a requirement for a license) on these beautiful old transmitters, but mostly they're talking, and watching the plates of the 100TH's glow a little blush of red with audio peaks. You just can't do that with a tech-class license.

--
73 = Best Regards,
-Geoff/W5OMR (/5 Baja Spring, TX)

# 3707. Re: [T-368_BC-610] Re: HT-4 Questions, Yet another new member.

Yahoo group: T-368_BC-610
Date: 2009-03-01 17:48:21 UTC
From: Geoff/W5OMR
Topic: 3603  Message: 3707

Steve Gomez wrote:
> Hi Barrie!
> Indeed it does have the pedestal (socket) for the padder but I have
> not seen one either (except in VoV).
> I just received a 160m PA coil from Fair Radio so maybe someday?
> The TX is in my "museum" here at work but would probably not take too
> much to set up an operating position. Ht-4 to HT-4 would be cool.

It just came to mind, that there's yet another Beastly-610 over in the Beaumont area...
Frank/AA5IT has an E model (I believe).

He and his wife now have a young daughter (1? 2 years old, now?) and thus his time is limited for operating.

Frank uses out-board audio to drive his 100TH's, but I don't remember if he said he was going through the BC-614 or not. He's probably using the line-level input to the 2A3's, and feeding that with a high-quality mic, into a mixer/eq rack type of setup.

--
73 = Best Regards,
-Geoff/W5OMR (/5 Baja Spring, TX)

# 3708. RE: [T-368_BC-610] Re: HT-4 Questions, Yet another new member.

Yahoo group: T-368_BC-610
Date: 2009-03-01 20:00:39 UTC
From: GOMEZ, STEVEN B
Topic: 3603  Message: 3708

Geoff,
Sorry we missed you at the hamfest but we had a good visit with Perry.
Frank is also a good friend of mine and I have invited him to join the group.
His is an "I" model and looks great. Here it is on his web site...

http://aa5it.dyndns.org/AM.htm

Hope to meet you soon!
Steve

---

From: T-368_BC-610@yahoogroups.com on behalf of Geoff/W5OMR
Sent: Sun 3/1/2009 11:48 AM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] Re: HT-4 Questions, Yet another new member.

Steve Gomez wrote:
> Hi Barrie!
> Indeed it does have the pedestal (socket) for the padder but I have
> not seen one either (except in VoV).
> I just received a 160m PA coil from Fair Radio so maybe someday?
> The TX is in my "museum" here at work but would probably not take too
> much to set up an operating position. Ht-4 to HT-4 would be cool.

It just came to mind, that there's yet another Beastly-610 over in the
Beaumont area...
Frank/AA5IT has an E model (I believe).

He and his wife now have a young daughter (1? 2 years old, now?) and
thus his time is limited for operating.

Frank uses out-board audio to drive his 100TH's, but I don't remember if
he said he was going through the BC-614 or not. He's probably using the
line-level input to the 2A3's, and feeding that with a high-quality mic,
into a mixer/eq rack type of setup.

--
73 = Best Regards,
-Geoff/W5OMR (/5 Baja Spring, TX)

[Non-text portions of this message have been removed]

# 3709. Re: HT-4 Questions, Yet another new member.

Yahoo group: T-368_BC-610
Date: 2009-03-01 21:23:35 UTC
From: Greg Farrell
Topic: 3603  Message: 3709

Hi Geoff,

Thanks for the added "nudge". I have heard of this being done locally,
and will accept your advice. What the heck, go for broke.

I have the General Class book already too.

Take care.

Greg
Santa Rosa, Calif

--- In T-368_BC-610@yahoogroups.com, W5OMR-Geoff <w5omr@...> wrote:
>
> Greg Farrell wrote:
>
> Greg, forget the Tech... study a bit, and go get yer General class
> ticket. Put that HT-4 on the air and use it to it's fullest potential.
>
> Lots of these guys use CW (although it's no longer a requirement for a
> license) on these beautiful old transmitters, but mostly they're
> talking, and watching the plates of the 100TH's glow a little blush of
> red with audio peaks. You just can't do that with a tech-class license.
>
> --
> 73 = Best Regards,
> -Geoff/W5OMR (/5 Baja Spring, TX)
>

# 3710. Another HT-4 Question, the Carbon Microphone

Yahoo group: T-368_BC-610
Date: 2009-03-02 01:36:53 UTC
From: Greg Farrell
Topic: 3710  Message: 3710

Users of the HT-4 and later models used a table top carbon microphone on the HT-5. Does anyone know the type or model of the microphone used?

Then the ultimate question: where might I find one that is somewhat original?

I know this is a dumb question but I can't find anything specifically in the manuals I have.

BTW, I have the original manuals for the HT-4, HT-4B, HT-4I and a good copy of the HT-4C manual. If anyone needs a copy, I can scan it or scan specific pages for you.

Greg
Santa Rosa, Calif

# 3711. Re: [T-368_BC-610] Re: HT-4 Questions, Yet another new member.

Yahoo group: T-368_BC-610
Date: 2009-03-02 02:48:21 UTC
From: W5OMR-Geoff
Topic: 3603  Message: 3711

GOMEZ, STEVEN B wrote:
> Geoff,
> Sorry we missed you at the hamfest but we had a good visit with Perry.
> Frank is also a good friend of mine and I have invited him to join the group.
> His is an "I" model and looks great.

At the last minute, Friday evening, my dispatcher put a load on me, picking up at 8am, in Stafford, TX (SouthWest Houston). Sometimes, machine shops, like this one, work late on a Friday, to get their created product picked up early on a Saturday and delivered on those rare occasions when a delivery -must- be made on a Saturday. I left north Houston at 6:15 and drove the 40 miles to get there early. Got there at 7am, taking the chance that being able to pick up the load early was the case. Bless their heart, those guys worked around the clock, and had been up some 29 straight hours, machining the parts that needed to be delivered. Not only was it not ready by 8am, the 'boss' had called my company at 6am to bump me back to 9:30am. The parts weren't finished and loaded in my truck, until 10:45am.

45 miles back to North Houston, dropped it off at 11:45am and then came home, loaded up two Viking II's, an SX-73, three chokes (a 20HY@580mA , an 11Hy@500mA and 10Hy@500mA - Perry wanted to build a modulation reactor to protect his BC-610 modulation transformer) a 4uf @ 4kVDC oil-filled cap, an 855v@1amp plate transformer and a box of associated parts for building an 811 rig. A single 811 in the final, modulated by a pair of 811's (I plan on putting it mobile, using a DC inverter to generate 120vAC for the B+ supply). ~130w of AM Carrier, high-level plate modulated, should sound pretty good into my bug-catcher.

--
73 = Best Regards,
-Geoff/W5OMR (/5 Baja Spring, TX)

# 3712. Re: [T-368_BC-610] off-topic - sorta

Yahoo group: T-368_BC-610
Date: 2009-03-01 15:14:12 UTC
From: wa5cab@cs.com
Topic: 3694  Message: 3712

OK. We'll wait and see what Perry reports.

In a message dated 3/1/2009 7:59:19 AM Central Standard Time,
w5omr@... writes:
> I don't have physical access to them, at this time. Moved to Houston
> back in August, and the major bulk of my gear is still in San Antonio.
>
> I hauled what I thought was the 'A' model to Perry/W5KGZ in Beaumont,
> just yesterday. Maybe he'll chime in here, and let us know if it says
> 'A', or just "R-274/FRR". That was the 2nd SX-73 I obtained. Bought it
> from a one-time AM operator in SouthWest Louisiana.
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3713. How this list is set up.

Yahoo group: T-368_BC-610
Date: 2009-03-02 04:04:05 UTC
From: redmenaced
Topic: 3713  Message: 3713

Yup,

You should always check that "To" box before you hit the SEND button!

You just never know.

A few years ago I did switch the procedure to default replies back to the list because the answers to questions weren't showing up to everyone, basically, we couldn't keep a conversation going.

I DID notify everyone about it, too.

BUT! Every list is different and Yahoo changes their style every once in a while.

So, ALWAYS check the "TO" box before hitting the SEND button.

Sorry 'bout that,

Joe

# 3714. Re: HT-4 Questions, Yet another new member.

Yahoo group: T-368_BC-610
Date: 2009-03-02 04:07:54 UTC
From: Steve Gomez
Topic: 3603  Message: 3714

Good grief Geoff, I have had days like that! I travel to The
Woodlands for work so maybe we can meet soon.
FB on the 811 project!
73,
Steve
--- In T-368_BC-610@yahoogroups.com, W5OMR-Geoff <w5omr@...> wrote:
>
> GOMEZ, STEVEN B wrote:
> > Geoff,
> > Sorry we missed you at the hamfest but we had a good visit with
Perry.
> > Frank is also a good friend of mine and I have invited him to
join the group.
> > His is an "I" model and looks great.
>
> At the last minute, Friday evening, my dispatcher put a load on me,
> picking up at 8am, in Stafford, TX (SouthWest Houston).
> Sometimes, machine shops, like this one, work late on a Friday, to
get
> their created product picked up early on a Saturday and delivered on
> those rare occasions when a delivery -must- be made on a Saturday.
I
> left north Houston at 6:15 and drove the 40 miles to get there
early.
> Got there at 7am, taking the chance that being able to pick up the
load
> early was the case. Bless their heart, those guys worked around the
> clock, and had been up some 29 straight hours, machining the parts
that
> needed to be delivered. Not only was it not ready by 8am,
the 'boss'
> had called my company at 6am to bump me back to 9:30am. The parts
> weren't finished and loaded in my truck, until 10:45am.
>
> 45 miles back to North Houston, dropped it off at 11:45am and then
came
> home, loaded up two Viking II's, an SX-73, three chokes (a
20HY@580mA ,
> an 11Hy@500mA and 10Hy@500mA - Perry wanted to build a modulation
> reactor to protect his BC-610 modulation transformer) a 4uf @ 4kVDC
> oil-filled cap, an 855v@1amp plate transformer and a box of
associated
> parts for building an 811 rig. A single 811 in the final,
modulated by
> a pair of 811's (I plan on putting it mobile, using a DC inverter to

> generate 120vAC for the B+ supply). ~130w of AM Carrier, high-level
> plate modulated, should sound pretty good into my bug-catcher.
>
>
> --
> 73 = Best Regards,
> -Geoff/W5OMR (/5 Baja Spring, TX)
>

# 3715. Re: Another HT-4 Question, the Carbon Microphone

Yahoo group: T-368_BC-610
Date: 2009-03-04 22:52:25 UTC
From: Greg Farrell
Topic: 3710  Message: 3715

Just so you guys know what has happened, thanks to Joe Munson, I was pointed to a carbon candlestick microphone.

See eBay Item number: 110357591049 Stromberg Carlson candlestick microphone

Greg
Santa Rosa, Calif

--- In T-368_BC-610@yahoogroups.com, "Greg Farrell" <gregf@...> wrote:
>
> Users of the HT-4 and later models used a table top carbon microphone
> on the HT-5. Does anyone know the type or model of the microphone used?
>
> Then the ultimate question: where might I find one that is somewhat
> original?
>
> I know this is a dumb question but I can't find anything specifically
> in the manuals I have.
>
> BTW, I have the original manuals for the HT-4, HT-4B, HT-4I and a good
> copy of the HT-4C manual. If anyone needs a copy, I can scan it or
> scan specific pages for you.
>
> Greg
> Santa Rosa, Calif
>

# 3716. Re: HT-4 Questions

Yahoo group: T-368_BC-610
Date: 2009-03-04 23:01:15 UTC
From: Greg Farrell
Topic: 3603  Message: 3716

The ME165 (SWR/PM/Load) arrived today from Fair Radio.

http://www.fairradio.com/catalog.php?mode=viewitem&item=2281

It looks brand-new out of the mil-spec box! Not a scratch on it and the type-N Female connectors have never been touched.

This one is a Barker and Williamson. I'll get some good use out of it.

Thank you again, gentlemen!

Greg
Santa Rosa, Calif

--- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@...> wrote:
>
> Greg, You are certainly welcome.
>
> As Bob Downs pointed out, it wasn't designed for the BC-610. However,
> it does work well with it. <BG>
>
> Bob - N0DGN
>
> Greg Farrell wrote:
> >
> > Hi Bob,
> >
> > You have been most helpful. I ordered a ME-165.
> >
> > Thank you.
> >
> > Greg
> > Santa Rosa, California
> >
> > > The ME-165 dummy load/VSWR meter will take 400W.
> > > Wb2FCN and I both use them with BC-610s
> > >
> > > Bob - N0DGN

# 3717. Re: [T-368_BC-610] Re: Another HT-4 Question, the Carbon Microphone

Yahoo group: T-368_BC-610
Date: 2009-03-04 23:12:41 UTC
From: wa5cab@cs.com
Topic: 3710  Message: 3717

Greg,

That's a Signal Corps T-32. It was issued with the SCR-188 (for the BC-191) and may have been issued with the SCR-499-A (for the BC-614-E). I'm not really familiar with how the various HT-5 models differ from the various BC-614 models but the BC-614's all have two mic inputs, carbon and low-level high-impedance dynamic. The T-50 hand-held dynamic mic was issued with the SCR-399-A. But a D-104 works OK. When I was living in West Monroe years ago (early 70's), I used one with a BC-614 and BC-610-F. Only problem compared to a T-17 was lip burn if you had RF floating around in the shack.

But anyway, the T-32 should work fine with the HT-5. Wish that I had seen it first. :-)

In a message dated 3/4/2009 4:52:54 PM Central Standard Time, gregf@... writes:
> Just so you guys know what has happened, thanks to Joe Munson, I was
> pointed to a carbon candlestick microphone.
>
> See eBay Item number: 110357591049 Stromberg Carlson candlestick microphone
>
> Greg
> Santa Rosa, Calif
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3718. Re: [T-368_BC-610] Re: HT-4 Questions

Yahoo group: T-368_BC-610
Date: 2009-03-05 00:19:26 UTC
From: James M. Walker
Topic: 3603  Message: 3718

Did you get a manual with it? If not try these!

http://eshop1.chem.buffalo.edu/images/PDF-Files/me-165-01.pdf

and here gets you to the same info.

http://eshop1.chem.buffalo.edu/ME-165.html

Also DO NOT "HOT SWITCH" to the operate position or you
WILL smoke the switch contacts!

Jim
WB2FCN

----- Original Message -----
From: "Greg Farrell" <gregf@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Wednesday, March 04, 2009 6:01 PM
Subject: [T-368_BC-610] Re: HT-4 Questions

> The ME165 (SWR/PM/Load) arrived today from Fair Radio.
>
> http://www.fairradio.com/catalog.php?mode=viewitem&item=2281
>
> It looks brand-new out of the mil-spec box! Not a scratch on it and the
> type-N Female connectors have never been touched.
>
> This one is a Barker and Williamson. I'll get some good use out of it.
>
> Thank you again, gentlemen!
>
> Greg
> Santa Rosa, Calif
>
>
>
> --- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@...> wrote:
>>
>> Greg, You are certainly welcome.
>>
>> As Bob Downs pointed out, it wasn't designed for the BC-610. However,
>> it does work well with it. <BG>
>>
>> Bob - N0DGN
>>
>> Greg Farrell wrote:
>> >

>> > Hi Bob,
>> >
>> > You have been most helpful. I ordered a ME-165.
>> >
>> > Thank you.
>> >
>> > Greg
>> > Santa Rosa, California
>> >
>> > > The ME-165 dummy load/VSWR meter will take 400W.
>> > > Wb2FCN and I both use them with BC-610s
>> > >
>> > > Bob - N0DGN
>
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> ------------------------------------
>
> Yahoo! Groups Links
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# 3719. Re: HT-4 Questions

Yahoo group: T-368_BC-610
Date: 2009-03-05 01:17:45 UTC
From: Greg Farrell
Topic: 3603  Message: 3719

Thanks Jim!

It came with a schematic only. I downloaded the manuals and webpage.

Good to know about not hot-switching it to the operate position.

Greg
Santa Rosa, Calif

--- In T-368_BC-610@yahoogroups.com, "James M. Walker" <chejmw@...> wrote:
>
> Did you get a manual with it? If not try these!
>
> http://eshop1.chem.buffalo.edu/images/PDF-Files/me-165-01.pdf
>
> and here gets you to the same info.
>
> http://eshop1.chem.buffalo.edu/ME-165.html
>
> Also DO NOT "HOT SWITCH" to the operate position or you
> WILL smoke the switch contacts!
>
> Jim
> WB2FCN
>

# 3720. RE the Carbon Microphone

Yahoo group: T-368_BC-610
Date: 2009-03-05 02:12:46 UTC
From: Trevor
Topic: 3720  Message: 3720

Very interesting-

when I was a kid in the 70s, I used to haunt a surplus store that got the cast offs from Fort Monmouth's Signal Corps HQ. I bought one of these mics, missing the switch, and with a defunct carbon element, for $2 out of a junk bin. By the markings, it clearly was ex-military, but I never knew what it was from- and always wondered. Used it with a new switch and element with several rigs, and now I know the rest of the story! It's still in a box in my attic.

73
de
KD1YT

------- Original Message -------
From : Greg Farrell[mailto:gregf@...]
Sent : 3/4/2009 5:52:25 PM
To : T-368_BC-610@yahoogroups.com
Cc :
Subject : RE: [T-368_BC-610] Re: Another HT-4 Question, the Carbon Microphone

Just so you guys know what has happened, thanks to Joe Munson, I was pointed to a carbon candlestick microphone.

See eBay Item number: 110357591049 Stromberg Carlson candlestick microphone

Greg

Santa Rosa, Calif

--- In T-368_BC-610@yahoogroups.com, "Greg Farrell" <gregf@...> wrote:

>

> Users of the HT-4 and later models used a table top carbon microphone

> on the HT-5. Does anyone know the type or model of the microphone used?

>

> Then the ultimate question: where might I find one
that is somewhat

> original?

>

> I know this is a dumb question but I can't find
anything specifically

> in the manuals I have.

>

> BTW, I have the original manuals for the HT-4,
HT-4B, HT-4I and a good

> copy of the HT-4C manual. If anyone needs a copy, I
can scan it or

> scan specific pages for you.

>

> Greg

> Santa Rosa, Calif

>

# 3721. Re: [T-368_BC-610] Re: HT-4 Questions

Yahoo group: T-368_BC-610
Date: 2009-03-05 03:12:05 UTC
From: James M. Walker
Topic: 3603  Message: 3721

You are most welcome,
I have/use four of the ME-165 units, 1 w/ T-368, 1 each w/BC-610(E)
and BC-610(I), and one for everything else.

A quick question, do your output coils have the swinging link or fixed
link? Both of mine have the swinging link, and when tuning up I set the link
for the power level I want into the dummy load, then make no further
adjustments to the coil. After my ME-165 the line goes to the Johnson
KW matchbox, then to open wire feeders to end fed long-wire, 153 feet
long +- winter weather, Hi!

Good luck, es 73
Jim
WB2FCN

----- Original Message -----
From: "Greg Farrell" <gregf@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Wednesday, March 04, 2009 8:17 PM
Subject: [T-368_BC-610] Re: HT-4 Questions

> Thanks Jim!
>
> It came with a schematic only. I downloaded the manuals and webpage.
>
> Good to know about not hot-switching it to the operate position.
>
> Greg
> Santa Rosa, Calif
>
>
> --- In T-368_BC-610@yahoogroups.com, "James M. Walker" <chejmw@...> wrote:
>>
>> Did you get a manual with it? If not try these!
>>
>> http://eshop1.chem.buffalo.edu/images/PDF-Files/me-165-01.pdf
>>
>> and here gets you to the same info.
>>
>> http://eshop1.chem.buffalo.edu/ME-165.html
>>
>> Also DO NOT "HOT SWITCH" to the operate position or you
>> WILL smoke the switch contacts!
>>
>> Jim
>> WB2FCN

>>
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
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>
>

# 3722. typewriter

Yahoo group: T-368_BC-610
Date: 2009-03-05 11:23:56 UTC
From: Alan Morriss
Topic: 3722  Message: 3722

hello guys, great to find a mike like that. perhaps some kind soul could help me. we are after the typewriter for the scr 399 set up. it is the army/navy typewriter, portable wiith telegrapher's keyboard.
if anyone hears of one going, i would be most grateful.
regarding mikes, our scr 399 came with the dynamic mike, by far the best, and two T17 carbon ones.73s alan g4gen

[Non-text portions of this message have been removed]

# 3723. Re: [T-368_BC-610] RE the Carbon Microphone

Yahoo group: T-368_BC-610
Date: 2009-03-05 13:46:33 UTC
From: Todd, KA1KAQ
Topic: 3720  Message: 3723

On Wed, Mar 4, 2009 at 9:12 PM, Trevor <kd1yt@...> wrote:
> Very interesting-
>
> when I was a kid in the 70s, I used to haunt a
> surplus store that got the cast offs from Fort
> Monmouth's Signal Corps HQ. I bought one of these
> mics, missing the switch, and with a defunct carbon
> element, for $2 out of a junk bin. By the markings,
> it clearly was ex-military, but I never knew what it
> was from- and always wondered. Used it with a new
> switch and element with several rigs, and now I know
> the rest of the story! It's still in a box in my attic.

They were also used with a number of other rigs like the BC-191. I have several different versions including one with a smaller, swivel-mounted head.

~ Todd, KA1KAQ/4

# 3724. Just for fun...

Yahoo group: T-368_BC-610
Date: 2009-03-05 22:35:44 UTC
From: Steve Gomez
Topic: 3724  Message: 3724

I posted a photo in a new folder called "BC-610 Trivia".
It is a screen shot from a scifi kids show that originated in the UK from the early '60s. I was in 2nd grade and could not wait till Saturday morning at 09:00 to watch Steve Zodiac patrol space sector 25!
Take a CLOSE look at the photo.
73,
Steve

# 3725. Re: [T-368_BC-610] Just for fun...

Yahoo group: T-368_BC-610
Date: 2009-03-06 02:58:37 UTC
From: Mark Foltarz
Topic: 3724  Message: 3725

Heh, that's a good catch - tuning units.

de KA4JVY
Mark

---

From: Steve Gomez <SGOMEZ@...>
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, March 5, 2009 5:35:44 PM
Subject: [T-368_BC-610] Just for fun...

I posted a photo in a new folder called "BC-610 Trivia".
It is a screen shot from a scifi kids show that originated in the UK from the early '60s. I was in 2nd grade and could not wait till Saturday morning at 09:00 to watch Steve Zodiac patrol space sector 25!
Take a CLOSE look at the photo.
73,
Steve

[Non-text portions of this message have been removed]

# 3726. Re: Just for fun...

Yahoo group: T-368_BC-610
Date: 2009-03-07 07:48:57 UTC
From: g3vkm
Topic: 3724  Message: 3726

Hi Steve,

"Fireball XL5" was the programme that still was taken from, they still show "Thunderbirds" and "Joe 90" and some of the other spin-offs over here! I think they fall into "cult viewing" or something! I will have to keep an eye on the channels that show them, maybe some other BC-610 bits will show up.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Steve Gomez" <SGOMEZ@...> wrote:
>
> I posted a photo in a new folder called "BC-610 Trivia".
> It is a screen shot from a scifi kids show that originated in the UK from the early '60s. I was in 2nd grade and could not wait till Saturday morning at 09:00 to watch Steve Zodiac patrol space sector 25!
> Take a CLOSE look at the photo.
> 73,
> Steve
>

# 3727. Re: Just for fun...

Yahoo group: T-368_BC-610
Date: 2009-03-07 21:14:16 UTC
From: Steve Gomez
Topic: 3724  Message: 3727

Roger,
It makes one wonder which surplus store Gerry Anderson did his shopping at? I posted another with an ARC-5 receiver dial in it. I am sure there is not a large percentage of the audience that would catch that kind of stuff.
Cheers!
Steve
--- In T-368_BC-610@yahoogroups.com, "g3vkm" <Roger@...> wrote:
>
> Hi Steve,
>
> "Fireball XL5" was the programme that still was taken from, they still show "Thunderbirds" and "Joe 90" and some of the other spin-offs over here! I think they fall into "cult viewing" or something! I will have to keep an eye on the channels that show them, maybe some other BC-610 bits will show up.
>
> 73
>
> Roger/G3VKM
>
>
>
>
> --- In T-368_BC-610@yahoogroups.com, "Steve Gomez" <SGOMEZ@> wrote:
> >
> > I posted a photo in a new folder called "BC-610 Trivia".
> > It is a screen shot from a scifi kids show that originated in the UK from the early '60s. I was in 2nd grade and could not wait till Saturday morning at 09:00 to watch Steve Zodiac patrol space sector 25!
> > Take a CLOSE look at the photo.
> > 73,
> > Steve
> >
>

# 3728. Re: Just for fun...

Yahoo group: T-368_BC-610
Date: 2009-03-08 07:46:56 UTC
From: g3vkm
Topic: 3724  Message: 3728

Hi Steve,

Yes, of course when that series was made there were any number of surplus dealers around, especially in the Tottenham Court area of London. The British army used BC-610s and I have a couple of PA coils still in their REME packing form the 1960s. It's ironic that when they wanted some equipment to look futuristic for the TV series they used something 25 years or more old at the time.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Steve Gomez" <SGOMEZ@...> wrote:
>
> Roger,
> It makes one wonder which surplus store Gerry Anderson did his shopping at? I posted another with an ARC-5 receiver dial in it. I am sure there is not a large percentage of the audience that would catch that kind of stuff.
> Cheers!
> Steve
> --- In T-368_BC-610@yahoogroups.com, "g3vkm" <Roger@> wrote:
> >
> > Hi Steve,
> >
> > "Fireball XL5" was the programme that still was taken from, they still show "Thunderbirds" and "Joe 90" and some of the other spin-offs over here! I think they fall into "cult viewing" or something! I will have to keep an eye on the channels that show them, maybe some other BC-610 bits will show up.
> >
> > 73
> >
> > Roger/G3VKM
> >
> >
> >
> >
> > --- In T-368_BC-610@yahoogroups.com, "Steve Gomez" <SGOMEZ@> wrote:
> > >
> > > I posted a photo in a new folder called "BC-610 Trivia".
> > > It is a screen shot from a scifi kids show that originated in the UK from the early '60s. I was in 2nd grade and could not wait till Saturday morning at 09:00 to watch Steve Zodiac patrol space sector 25!
> > > Take a CLOSE look at the photo.
> > > 73,
> > > Steve
> > >

> >
>

# 3729. QSL card pictures

Yahoo group: T-368_BC-610
Date: 2009-03-08 16:52:10 UTC
From: M0GHQ
Topic: 3729  Message: 3729

Just added a qsl card that I found a while ago from Peru, using a BC-610.
73 Max M0GHQ

[Non-text portions of this message have been removed]

# 3730. bc 191 ground station

Yahoo group: T-368_BC-610
Date: 2009-03-14 10:06:13 UTC
From: Alan Morriss
Topic: 3730  Message: 3730

hello, could some kind person help. we are quoting for a ww2 film with the scr 399 truck. they also need a base station in a tent. i thought that at the time a bc191/bc 412 might have been used. the manual shows the bc610 used in such a way, but there is no chance of us getting round to removing it from the shelter ! any ideas ? cheers, alan g4gen

[Non-text portions of this message have been removed]

# 3731. RE: [T-368_BC-610] bc 191 ground station

Yahoo group: T-368_BC-610
Date: 2009-03-14 10:42:04 UTC
From: Meir WF2U
Topic: 3730  Message: 3731

Yes, a typical ground station would be a BC-191/BC-342 if it's not a vehicular setup, if 115 VAC power is available (generator). The BC-191 would be powered by one of the AC power supply models issued for it (if I recall 3 or 4), depending whether it's a fixed or semi-portable/deployable configuration. I can supply the model numbers from the documentation I have. The BC-342 of course is the AC mains powered version of the BC-312.

73, Meir WF2U
Landrum, SC

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Alan Morriss
Sent: Saturday, March 14, 2009 6:06 AM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] bc 191 ground station

hello, could some kind person help. we are quoting for a ww2 film with the scr 399 truck. they also need a base station in a tent. i thought that at the time a bc191/bc 412 might have been used. the manual shows the bc610 used in such a way, but there is no chance of us getting round to removing it from the shelter ! any ideas ? cheers, alan g4gen

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

Internal Virus Database is out of date.
Checked by AVG - www.avg.com
Version: 8.0.1 / Virus Database: 270.10.17/1933 - Release Date: 02/03/09 17:48:00

# 3732. Re: [T-368_BC-610] bc 191 ground station

Yahoo group: T-368_BC-610
Date: 2009-03-14 11:39:26 UTC
From: Alan Morriss
Topic: 3730  Message: 3732

thanks a lot meir. i would appreciate any details. for some reason my bc312 does not seem nearly a sensitive as the 342, despite having been rebuilt post war, presumably by the luxembourg army.
i must have a really good look at it. funny, when you look at the american equipment they did not seem to have such a good range of that sort of gear.
-the british 22 set for example had no us equivalent, nor did the canadian 52.---- Original Message --we had nothing to compare to the bc611. cheers, alan g4gen---
From: Meir WF2U
To: T-368_BC-610@yahoogroups.com
Sent: Saturday, March 14, 2009 10:42 AM
Subject: RE: [T-368_BC-610] bc 191 ground station

Yes, a typical ground station would be a BC-191/BC-342 if it's not a vehicular setup, if 115 VAC power is available (generator). The BC-191 would be powered by one of the AC power supply models issued for it (if I recall 3 or 4), depending whether it's a fixed or semi-portable/deployable configuration. I can supply the model numbers from the documentation I have. The BC-342 of course is the AC mains powered version of the BC-312.

73, Meir WF2U
Landrum, SC

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Alan Morriss
Sent: Saturday, March 14, 2009 6:06 AM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] bc 191 ground station

hello, could some kind person help. we are quoting for a ww2 film with the scr 399 truck. they also need a base station in a tent. i thought that at the time a bc191/bc 412 might have been used. the manual shows the bc610 used in such a way, but there is no chance of us getting round to removing it from the shelter ! any ideas ? cheers, alan g4gen

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

Internal Virus Database is out of date.
Checked by AVG - www.avg.com
Version: 8.0.1 / Virus Database: 270.10.17/1933 - Release Date: 02/03/09 17:48:00

[Non-text portions of this message have been removed]

# 3733. Re: [T-368_BC-610] bc 191 ground station

Yahoo group: T-368_BC-610
Date: 2009-03-14 15:44:57 UTC
From: wa5cab@cs.com
Topic: 3730  Message: 3733

Alan,

As Meir indicated, there were two Transportable sets built around the BC-191. SCR-177-(*) was a pack set using receiver BC-189 originally and then BC-312 and BC-314. The receivers were run off of batteries and the transmitter was powered by a PE-49 gasoline engine driven generator (output 12VDC and 1000VDC). SCR-188-(*) used BC-342 and BC-344 receivers and RA-34-(*) rectifier supply for the BC-191. If AC mains weren't available, PE-75 or probably anything else available was used.

FWIW, the set using BC-610 that was equivalent to SCR-188-(*) was SCR-499-A.

In a message dated 3/14/2009 4:08:42 AM Central Standard Time,
mohawk@... writes:
> hello, could some kind person help. we are quoting for a ww2 film with the
> scr 399 truck. they also need a base station in a tent. i thought that at the
> time a bc191/bc 412 might have been used. the manual shows the bc610 used in
> such a way, but there is no chance of us getting round to removing it from
> the shelter ! any ideas ? cheers, alan g4gen
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3734. Re: [T-368_BC-610] bc 191 ground station

Yahoo group: T-368_BC-610
Date: 2009-03-14 17:21:36 UTC
From: Alan Morriss
Topic: 3730  Message: 3734

thanks bob. that was what i guessed. did they also have an scr522 to talk to fighters ? i can get hold of one eassily. cheers, alan
----- Original Message -----
From: wa5cab@...
To: T-368_BC-610@yahoogroups.com
Sent: Saturday, March 14, 2009 3:44 PM
Subject: Re: [T-368_BC-610] bc 191 ground station

Alan,

As Meir indicated, there were two Transportable sets built around the BC-191. SCR-177-(*) was a pack set using receiver BC-189 originally and then BC-312 and BC-314. The receivers were run off of batteries and the transmitter was powered by a PE-49 gasoline engine driven generator (output 12VDC and 1000VDC). SCR-188-(*) used BC-342 and BC-344 receivers and RA-34-(*) rectifier supply for the BC-191. If AC mains weren't available, PE-75 or probably anything else available was used.

FWIW, the set using BC-610 that was equivalent to SCR-188-(*) was SCR-499-A.

In a message dated 3/14/2009 4:08:42 AM Central Standard Time,
mohawk@... writes:
> hello, could some kind person help. we are quoting for a ww2 film with the
> scr 399 truck. they also need a base station in a tent. i thought that at the
> time a bc191/bc 412 might have been used. the manual shows the bc610 used in
> such a way, but there is no chance of us getting round to removing it from
> the shelter ! any ideas ? cheers, alan g4gen
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3735. Re: [T-368_BC-610] bc 191 ground station

Yahoo group: T-368_BC-610
Date: 2009-03-14 17:40:07 UTC
From: wa5cab@cs.com
Topic: 3730  Message: 3735

Alan,

SCR-177, 188 and 499 were MF/HF only. If VHF was needed, they would probably have used SCR-624. It uses the same radio receiver/transmitter as was part of SCR-522 and SCR-542 but with RA-62 instead of PE-94 or PE-98. And was powered by either PE-75 or AC mains.

Incidentally, the VHF radio has no nomenclature of its own. Only case I can think of. Probably partially responsible for people erroneously calling it SCR-522.

In a message dated 3/14/2009 11:25:23 AM Central Standard Time,
mohawk@... writes:
> thanks bob. that was what i guessed. did they also have an scr522 to talk
> to fighters ? i can get hold of one eassily. cheers, alan
> ----- Original Message -----
> From: wa5cab@...
> To: T-368_BC-610@yahoogroups.com
> Sent: Saturday, March 14, 2009 3:44 PM
> Subject: Re: [T-368_BC-610] bc 191 ground station
>
>
> Alan,
>
> As Meir indicated, there were two Transportable sets built around the
> BC-191.
> SCR-177-(*) was a pack set using receiver BC-189 originally and then
> BC-312
> and BC-314. The receivers were run off of batteries and the transmitter
> was
> powered by a PE-49 gasoline engine driven generator (output 12VDC and
> 1000VDC).
> SCR-188-(*) used BC-342 and BC-344 receivers and RA-34-(*) rectifier
> supply
> for the BC-191. If AC mains weren't available, PE-75 or probably anything
> else available was used.
>
> FWIW, the set using BC-610 that was equivalent to SCR-188-(*) was
> SCR-499-A.
>
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3736. Re: [T-368_BC-610] bc 191 ground station

Yahoo group: T-368_BC-610
Date: 2009-03-14 18:36:58 UTC
From: Alan Morriss
Topic: 3730  Message: 3736

hello bob, well, i never knew that ! i know the various units, and am toying with the idea of getting one on air. the film would be a good excuse. we must get our pe95 going. the generator was rigged for 220v when it was in holland. i presume the field coils are in series instead of parallel.i have flown a dc3 with the "scr 522" installed, but did not use it. i used my ferry radio pack.cheers, alan
----- Original Message -----
From: wa5cab@...
To: T-368_BC-610@yahoogroups.com
Sent: Saturday, March 14, 2009 5:40 PM
Subject: Re: [T-368_BC-610] bc 191 ground station

Alan,

SCR-177, 188 and 499 were MF/HF only. If VHF was needed, they would probably have used SCR-624. It uses the same radio receiver/transmitter as was part of SCR-522 and SCR-542 but with RA-62 instead of PE-94 or PE-98. And was powered by either PE-75 or AC mains.

Incidentally, the VHF radio has no nomenclature of its own. Only case I can think of. Probably partially responsible for people erroneously calling it SCR-522.

In a message dated 3/14/2009 11:25:23 AM Central Standard Time,
mohawk@... writes:
> thanks bob. that was what i guessed. did they also have an scr522 to talk
> to fighters ? i can get hold of one eassily. cheers, alan
> ----- Original Message -----
> From: wa5cab@...
> To: T-368_BC-610@yahoogroups.com
> Sent: Saturday, March 14, 2009 3:44 PM
> Subject: Re: [T-368_BC-610] bc 191 ground station
>
>
> Alan,
>
> As Meir indicated, there were two Transportable sets built around the
> BC-191.
> SCR-177-(*) was a pack set using receiver BC-189 originally and then
> BC-312
> and BC-314. The receivers were run off of batteries and the transmitter
> was
> powered by a PE-49 gasoline engine driven generator (output 12VDC and
> 1000VDC).
> SCR-188-(*) used BC-342 and BC-344 receivers and RA-34-(*) rectifier
> supply
> for the BC-191. If AC mains weren't available, PE-75 or probably anything

> else available was used.
>
> FWIW, the set using BC-610 that was equivalent to SCR-188-(*) was
> SCR-499-A.
>
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3737. Re: [T-368_BC-610] bc 191 ground station

Yahoo group: T-368_BC-610
Date: 2009-03-14 19:02:13 UTC
From: wa5cab@cs.com
Topic: 3730  Message: 3737

Yes, I don't know why it was done that way as in the beginning they couldn't have know that there would be several models of the receiver, transmitter and mount. There are several SIG STK NRS whereby you could order the complete radio without the cables, control boxes and etc.

Incidentally, I just noticed in SIG 5 that there was an SCR-522-AB. When I first saw it on the Alpha list I thought it was going to turn out to be a composite of the -A and -B models, maybe like "we'll ship whatever is on the shelf". But when I looked up the stock number, all that it said was "Classified higher than RESTRICTED". Note that RESTRICTED is equivalent to today's CONFIDENTAL. So in today's terms, it was classified SECRET or higher.

Good luck on the PE-95. I've never been into one although I once owned a -G.

In a message dated 3/14/2009 12:39:31 PM Central Standard Time,
mohawk@... writes:
> hello bob, well, i never knew that ! i know the various units, and am
> toying with the idea of getting one on air. the film would be a good excuse. we
> must get our pe95 going. the generator was rigged for 220v when it was in
> holland. i presume the field coils are in series instead of parallel.i have flown
> a dc3 with the "scr 522" installed, but did not use it. i used my ferry
> radio pack.cheers, alan

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3738. Re: [T-368_BC-610] bc 191 ground station

Yahoo group: T-368_BC-610
Date: 2009-03-14 20:56:50 UTC
From: Alan Morriss
Topic: 3730  Message: 3738

hello bob, well, a couple of guys over here are advertising the complete set up, i dont know which model. it would be nice to use one on 2 metres.i have never used vhf on amateur bands as i have had enough of it in my job ! i have a bc 1000 modified for 70 megs, and must try it.we intend mounting it on a jeep.i never saw anything else fitted on a jeep during the war. cheers, alan
----- Original Message -----
From: wa5cab@...
To: T-368_BC-610@yahoogroups.com
Sent: Saturday, March 14, 2009 7:02 PM
Subject: Re: [T-368_BC-610] bc 191 ground station

Yes, I don't know why it was done that way as in the beginning they couldn't have know that there would be several models of the receiver, transmitter and mount. There are several SIG STK NRS whereby you could order the complete radio without the cables, control boxes and etc.

Incidentally, I just noticed in SIG 5 that there was an SCR-522-AB. When I first saw it on the Alpha list I thought it was going to turn out to be a composite of the -A and -B models, maybe like "we'll ship whatever is on the shelf". But when I looked up the stock number, all that it said was "Classified higher than RESTRICTED". Note that RESTRICTED is equivalent to today's CONFIDENTAL. So in today's terms, it was classified SECRET or higher.

Good luck on the PE-95. I've never been into one although I once owned a -G.

In a message dated 3/14/2009 12:39:31 PM Central Standard Time,
mohawk@... writes:
> hello bob, well, i never knew that ! i know the various units, and am
> toying with the idea of getting one on air. the film would be a good excuse. we
> must get our pe95 going. the generator was rigged for 220v when it was in
> holland. i presume the field coils are in series instead of parallel.i have flown
> a dc3 with the "scr 522" installed, but did not use it. i used my ferry
> radio pack.cheers, alan

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3739. Re: bc 191 ground station

Yahoo group: T-368_BC-610
Date: 2009-03-14 21:07:31 UTC
From: Steve Gomez
Topic: 3730  Message: 3739

Alan,
Do the have more than one of the SCR-522? I am interested in putting together a "Rover Joe" jeep setup.
73,
Steve
--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello bob, well, a couple of guys over here are advertising the complete set up, i dont know which model. it would be nice to use one on 2 metres.i have never used vhf on amateur bands as i have had enough of it in my job ! i have a bc 1000 modified for 70 megs, and must try it.we intend mounting it on a jeep.i never saw anything else fitted on a jeep during the war. cheers, alan
> ----- Original Message -----
> From: wa5cab@...
> To: T-368_BC-610@yahoogroups.com
> Sent: Saturday, March 14, 2009 7:02 PM
> Subject: Re: [T-368_BC-610] bc 191 ground station
>
>
> Yes, I don't know why it was done that way as in the beginning they couldn't
> have know that there would be several models of the receiver, transmitter and
> mount. There are several SIG STK NRS whereby you could order the complete
> radio without the cables, control boxes and etc.
>
> Incidentally, I just noticed in SIG 5 that there was an SCR-522-AB. When I
> first saw it on the Alpha list I thought it was going to turn out to be a
> composite of the -A and -B models, maybe like "we'll ship whatever is on the
> shelf". But when I looked up the stock number, all that it said was "Classified
> higher than RESTRICTED". Note that RESTRICTED is equivalent to today's
> CONFIDENTAL. So in today's terms, it was classified SECRET or higher.
>
> Good luck on the PE-95. I've never been into one although I once owned a -G.
>
> In a message dated 3/14/2009 12:39:31 PM Central Standard Time,
> mohawk@... writes:
> > hello bob, well, i never knew that ! i know the various units, and am
> > toying with the idea of getting one on air. the film would be a good excuse. we
> > must get our pe95 going. the generator was rigged for 220v when it was in
> > holland. i presume the field coils are in series instead of parallel.i have flown
> > a dc3 with the "scr 522" installed, but did not use it. i used my ferry
> > radio pack.cheers, alan
>
> Robert Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480

>
> [Non-text portions of this message have been removed]
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 3740. Re: [T-368_BC-610] Re: bc 191 ground station

Yahoo group: T-368_BC-610
Date: 2009-03-14 21:24:09 UTC
From: wa5cab@cs.com
Topic: 3730  Message: 3740

Steve,

Unless you are going to install a 24 VDC aux generator in the Jeep and use a BC-375, technically you need part of an SCR-542 with dynamotor PE-98. Not SCR-522 with PE-94.

In a message dated 3/14/2009 3:08:00 PM Central Standard Time,
SGOMEZ@... writes:
> Alan,
> Do the have more than one of the SCR-522? I am interested in putting
> together a "Rover Joe" jeep setup.
> 73,
> Steve
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3741. Re: bc 191 ground station

Yahoo group: T-368_BC-610
Date: 2009-03-14 22:36:29 UTC
From: Steve Gomez
Topic: 3730  Message: 3741

Sorry about that Robert!I am mainly looking for the transceiver. I already have a 14V PE-98. There was a pristine example of an AC powered ground station on ebay recently but was rather expensive.
73,
Steve
--- In T-368_BC-610@yahoogroups.com, wa5cab@... wrote:
>
> Steve,
>
> Unless you are going to install a 24 VDC aux generator in the Jeep and use a
> BC-375, technically you need part of an SCR-542 with dynamotor PE-98. Not
> SCR-522 with PE-94.
>
> In a message dated 3/14/2009 3:08:00 PM Central Standard Time,
> SGOMEZ@... writes:
> > Alan,
> > Do the have more than one of the SCR-522? I am interested in putting
> > together a "Rover Joe" jeep setup.
> > 73,
> > Steve
> >
>
> Robert Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
>
> [Non-text portions of this message have been removed]
>

# 3742. Re: [T-368_BC-610] Re: bc 191 ground station

Yahoo group: T-368_BC-610
Date: 2009-03-14 22:51:50 UTC
From: wa5cab@cs.com
Topic: 3730  Message: 3742

OK. I have two or three of the radios but couldn't say what condition they are in as I haven't looked at them in eons. Also have at least two RA-62's. And some of the connectors but no pre-made cables. That's about all I have of the SCR-624. I sold my nearly complete one to another collector several years ago.

There aren't many of the SCR-624's around. No one wanted them for decades and almost all probably got scrapped. I've had three at one time or another. Brent found some several years ago and I bought two of them but I don't think he bought one. But in any case, the only thing they would share with AN/VRC-1 is the radio and maybe some of the cables.

In a message dated 3/14/2009 4:36:40 PM Central Standard Time,
SGOMEZ@... writes:
> Sorry about that Robert!I am mainly looking for the transceiver. I already
> have a 14V PE-98. There was a pristine example of an AC powered ground
> station on ebay recently but was rather expensive.
> 73,
> Steve
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3743. Re: [T-368_BC-610] Re: bc 191 ground station

Yahoo group: T-368_BC-610
Date: 2009-03-14 21:38:55 UTC
From: GOMEZ, STEVEN B
Topic: 3730  Message: 3743

Sorry about that Robert! Looking mainly for the tranceiver. I have a PE-98. There was a pristine example of the ground station on ebay recently but pretty expensive.
73,
Steve
---
Sent from my BlackBerry Wireless Handheld

---

From: T-368_BC-610@yahoogroups.com
To: T-368_BC-610@yahoogroups.com
Sent: Sat Mar 14 16:24:09 2009
Subject: Re: [T-368_BC-610] Re: bc 191 ground station

Steve,

Unless you are going to install a 24 VDC aux generator in the Jeep and use a BC-375, technically you need part of an SCR-542 with dynamotor PE-98. Not SCR-522 with PE-94.

In a message dated 3/14/2009 3:08:00 PM Central Standard Time, SGOMEZ@... <mailto:SGOMEZ%40entergy.com> writes:
> Alan,
> Do the have more than one of the SCR-522? I am interested in putting
> together a "Rover Joe" jeep setup.
> 73,
> Steve
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3744. Re: bc 191 ground station

Yahoo group: T-368_BC-610
Date: 2009-03-15 07:41:14 UTC
From: g3vkm
Topic: 3730  Message: 3744

Hi Alan,

I could hire you my SCR-543, the BC-669C, PSU and the proper transit cases!! I think it was primarily a set for gun battery control. Needs an antenna but your whips from the 399 would do.

Cheers,

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello, could some kind person help. we are quoting for a ww2 film with the scr 399 truck. they also need a base station in a tent. i thought that at the time a bc191/bc 412 might have been used. the manual shows the bc610 used in such a way, but there is no chance of us getting round to removing it from the shelter ! any ideas ? cheers, alan g4gen
>
> [Non-text portions of this message have been removed]
>

# 3745. Re: [T-368_BC-610] Re: bc 191 ground station

Yahoo group: T-368_BC-610
Date: 2009-03-15 08:54:18 UTC
From: Alan Morriss
Topic: 3730  Message: 3745

hello roger, that sounds great. could you send some photos ? cheers, alan
----- Original Message -----
From: g3vkm
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, March 15, 2009 7:41 AM
Subject: [T-368_BC-610] Re: bc 191 ground station

Hi Alan,

I could hire you my SCR-543, the BC-669C, PSU and the proper transit cases!! I think it was primarily a set for gun battery control. Needs an antenna but your whips from the 399 would do.

Cheers,

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello, could some kind person help. we are quoting for a ww2 film with the scr 399 truck. they also need a base station in a tent. i thought that at the time a bc191/bc 412 might have been used. the manual shows the bc610 used in such a way, but there is no chance of us getting round to removing it from the shelter ! any ideas ? cheers, alan g4gen
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 3746. Re: [T-368_BC-610] Re: bc 191 ground station

Yahoo group: T-368_BC-610
Date: 2009-03-15 08:55:37 UTC
From: Alan Morriss
Topic: 3730  Message: 3746

hello steve, i dont have one, but there are a couple going over here. i could put you in touch with one. cheers, alan
----- Original Message -----
From: Steve Gomez
To: T-368_BC-610@yahoogroups.com
Sent: Saturday, March 14, 2009 9:07 PM
Subject: [T-368_BC-610] Re: bc 191 ground station

Alan,
Do the have more than one of the SCR-522? I am interested in putting together a "Rover Joe" jeep setup.
73,
Steve
--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello bob, well, a couple of guys over here are advertising the complete set up, i dont know which model. it would be nice to use one on 2 metres.i have never used vhf on amateur bands as i have had enough of it in my job ! i have a bc 1000 modified for 70 megs, and must try it.we intend mounting it on a jeep.i never saw anything else fitted on a jeep during the war. cheers, alan
> ----- Original Message -----
> From: wa5cab@...
> To: T-368_BC-610@yahoogroups.com
> Sent: Saturday, March 14, 2009 7:02 PM
> Subject: Re: [T-368_BC-610] bc 191 ground station
>
>
> Yes, I don't know why it was done that way as in the beginning they couldn't
> have know that there would be several models of the receiver, transmitter and
> mount. There are several SIG STK NRS whereby you could order the complete
> radio without the cables, control boxes and etc.
>
> Incidentally, I just noticed in SIG 5 that there was an SCR-522-AB. When I
> first saw it on the Alpha list I thought it was going to turn out to be a
> composite of the -A and -B models, maybe like "we'll ship whatever is on the
> shelf". But when I looked up the stock number, all that it said was "Classified
> higher than RESTRICTED". Note that RESTRICTED is equivalent to today's
> CONFIDENTAL. So in today's terms, it was classified SECRET or higher.
>
> Good luck on the PE-95. I've never been into one although I once owned a -G.
>
> In a message dated 3/14/2009 12:39:31 PM Central Standard Time,
> mohawk@... writes:
> > hello bob, well, i never knew that ! i know the various units, and am
> > toying with the idea of getting one on air. the film would be a good excuse. we

> > must get our pe95 going. the generator was rigged for 220v when it was in
> > holland. i presume the field coils are in series instead of parallel.i have flown
> > a dc3 with the "scr 522" installed, but did not use it. i used my ferry
> > radio pack.cheers, alan
>
> Robert Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
> [Non-text portions of this message have been removed]
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 3747. MSS as VFO

Yahoo group: T-368_BC-610
Date: 2009-03-15 20:40:47 UTC
From: Barrie Smith
Topic: 3747  Message: 3747

Hello:

Anyone here used the Meissner Signal Shifter as a VFO on the HT-4/BC-610?

According to the manual I have for the Shifter, they run twisted-pair from the Shifter to each end of a 2000 ohm, 5 watt pot (?) or rheostat. Then, one end of the rheostat winding goes to ground at the crystal socket. The wiper on the rheostat connects, through a 500 pf capacitor, to the hot terminal on the crystal socket.

I'm assuming that the pot, or rheostat, is used to vary the power delivered to the crystal socket.

The manual is not specific as to whether this resistive load is a pot, or whatever. Seems to me that the load should be non-inductive. I've never seen an adjustable non-inductive resistor.

There may be other, perhaps better ways, to couple the Shifter to the crystal socket.

Comments?

73, Barrie, W7ALW

[Non-text portions of this message have been removed]

# 3748. RE: [T-368_BC-610] MSS as VFO

Yahoo group: T-368_BC-610
Date: 2009-03-15 20:52:32 UTC
From: Dave Trainor
Topic: 3747  Message: 3748

I would be interested hear what you find out Barry, I have a Signal Shifter that I was planning on using as a VFO for my BC-610, soon as I am able to get the BC-610 back on the air. I have heard that it was a popular combination just post war. One method of interconnection that I heard of was to use 300 ohm twin lead to a old ft-171 crystal holder and just plug it in, but a method to control the amount of drive seems like it would be necessary.

73 - Dave N8ZFM

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
On Behalf Of Barrie Smith
Sent: Sunday, March 15, 2009 4:41 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] MSS as VFO

Hello:

Anyone here used the Meissner Signal Shifter as a VFO on the HT-4/BC-610?

According to the manual I have for the Shifter, they run twisted-pair from the Shifter to each end of a 2000 ohm, 5 watt pot (?) or rheostat. Then, one end of the rheostat winding goes to ground at the crystal socket. The wiper on the rheostat connects, through a 500 pf capacitor, to the hot terminal on the crystal socket.

I'm assuming that the pot, or rheostat, is used to vary the power delivered to the crystal socket.

The manual is not specific as to whether this resistive load is a pot, or whatever. Seems to me that the load should be non-inductive. I've never seen an adjustable non-inductive resistor.

There may be other, perhaps better ways, to couple the Shifter to the crystal socket.

Comments?

73, Barrie, W7ALW

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[Non-text portions of this message have been removed]

# 3749. Re: [T-368_BC-610] MSS as VFO

Yahoo group: T-368_BC-610
Date: 2009-03-15 20:59:03 UTC
From: Barrie Smith
Topic: 3747  Message: 3749

----- Original Message -----
From: Dave Trainor
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, March 15, 2009 2:52 PM
Subject: RE: [T-368_BC-610] MSS as VFO

I would be interested hear what you find out Barry, I have a Signal Shifter that I was planning on using as a VFO for my BC-610, soon as I am able to get the BC-610 back on the air. I have heard that it was a popular combination just post war. One method of interconnection that I heard of was to use 300 ohm twin lead to a old ft-171 crystal holder and just plug it in, but a method to control the amount of drive seems like it would be necessary.

Dave:

Yes, I would certainly think so. The shifter puts out 6 to 8 watts, depending upon the band. That's too many watts to put into a crystal socket.

There was an article in Electric Radio a few months ago relative to this subject. I believe all that was done there was to put a variable capacitor in series with the hot lead.

73, Barrie, W7ALW

73 - Dave N8ZFM

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
On Behalf Of Barrie Smith
Sent: Sunday, March 15, 2009 4:41 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] MSS as VFO

Hello:

Anyone here used the Meissner Signal Shifter as a VFO on the HT-4/BC-610?

According to the manual I have for the Shifter, they run twisted-pair from the Shifter to each end of a 2000 ohm, 5 watt pot (?) or rheostat. Then, one end of the rheostat winding goes to ground at the crystal socket. The wiper on the rheostat connects, through a 500 pf capacitor, to the hot terminal on the crystal socket.

I'm assuming that the pot, or rheostat, is used to vary the power delivered to the crystal socket.

The manual is not specific as to whether this resistive load is a pot, or whatever. Seems to me that the load should be non-inductive. I've

never seen an adjustable non-inductive resistor.

There may be other, perhaps better ways, to couple the Shifter to the crystal socket.

Comments?

73, Barrie, W7ALW

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3750. Re: bc 191 ground station

Yahoo group: T-368_BC-610
Date: 2009-03-16 02:11:11 UTC
From: Steve Gomez
Topic: 3730  Message: 3750

Thanks Alan,
Robert is a short drive away and I need an excuse to visit.
I think the PE-95 conversion is just a matter of re-wiring the stator from series back to parallel for 115V, on the main terminal block below the control panel.
Good luck with the film project.
73,
Steve
ke5o
--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello steve, i dont have one, but there are a couple going over here. i could put you in touch with one. cheers, alan
> ----- Original Message -----
> From: Steve Gomez
> To: T-368_BC-610@yahoogroups.com
> Sent: Saturday, March 14, 2009 9:07 PM
> Subject: [T-368_BC-610] Re: bc 191 ground station
>
>
> Alan,
> Do the have more than one of the SCR-522? I am interested in putting together a "Rover Joe" jeep setup.
> 73,
> Steve
> --- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@> wrote:
> >
> > hello bob, well, a couple of guys over here are advertising the complete set up, i dont know which model. it would be nice to use one on 2 metres.i have never used vhf on amateur bands as i have had enough of it in my job ! i have a bc 1000 modified for 70 megs, and must try it.we intend mounting it on a jeep.i never saw anything else fitted on a jeep during the war. cheers, alan
> > ----- Original Message -----
> > From: wa5cab@
> > To: T-368_BC-610@yahoogroups.com
> > Sent: Saturday, March 14, 2009 7:02 PM
> > Subject: Re: [T-368_BC-610] bc 191 ground station
> >
> >
> > Yes, I don't know why it was done that way as in the beginning they couldn't
> > have know that there would be several models of the receiver, transmitter and
> > mount. There are several SIG STK NRS whereby you could order the complete
> > radio without the cables, control boxes and etc.
> >
> > Incidentally, I just noticed in SIG 5 that there was an SCR-522-AB. When I
> > first saw it on the Alpha list I thought it was going to turn out to be a

> > composite of the -A and -B models, maybe like "we'll ship whatever is on the
> > shelf". But when I looked up the stock number, all that it said was "Classified
> > higher than RESTRICTED". Note that RESTRICTED is equivalent to today's
> > CONFIDENTAL. So in today's terms, it was classified SECRET or higher.
> >
> > Good luck on the PE-95. I've never been into one although I once owned a -G.
> >
> > In a message dated 3/14/2009 12:39:31 PM Central Standard Time,
> > mohawk@ writes:
> > > hello bob, well, i never knew that ! i know the various units, and am
> > > toying with the idea of getting one on air. the film would be a good excuse. we
> > > must get our pe95 going. the generator was rigged for 220v when it was in
> > > holland. i presume the field coils are in series instead of parallel.i have flown
> > > a dc3 with the "scr 522" installed, but did not use it. i used my ferry
> > > radio pack.cheers, alan
> >
> > Robert Downs - Houston
> > wa5cab dot com (Web Store)
> > MVPA 9480
> >
> > [Non-text portions of this message have been removed]
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> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 3751. Re: [T-368_BC-610] MSS as VFO

Yahoo group: T-368_BC-610
Date: 2009-03-17 00:13:57 UTC
From: Barrie Smith
Topic: 3747  Message: 3751

----- Original Message -----
From: Barrie Smith
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, March 15, 2009 2:40 PM
Subject: [T-368_BC-610] MSS as VFO

Hello:

Anyone here used the Meissner Signal Shifter as a VFO on the HT-4/BC-610?

According to the manual I have for the Shifter, they run twisted-pair from the Shifter to each end of a 2000 ohm, 5 watt pot (?) or rheostat. Then, one end of the rheostat winding goes to ground at the crystal socket. The wiper on the rheostat connects, through a 500 pf capacitor, to the hot terminal on the crystal socket.

I'm assuming that the pot, or rheostat, is used to vary the power delivered to the crystal socket.

The manual is not specific as to whether this resistive load is a pot, or whatever. Seems to me that the load should be non-inductive. I've never seen an adjustable non-inductive resistor.

There may be other, perhaps better ways, to couple the Shifter to the crystal socket.

Comments?

73, Barrie, W7ALW

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3752. Re: MSS as VFO

Yahoo group: T-368_BC-610
Date: 2009-03-18 07:12:55 UTC
From: g3vkm
Topic: 3747  Message: 3752

Hi All,

Been following this with interst. Anyone done a similar thing but using a VFO from an RCA ET-4336? If so, did the '610 TUs need any mods?

TIA,

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Barrie Smith" <barrie@...> wrote:
>
>
> ----- Original Message -----
> From: Barrie Smith
> To: T-368_BC-610@yahoogroups.com
> Sent: Sunday, March 15, 2009 2:40 PM
> Subject: [T-368_BC-610] MSS as VFO
>
>
> Hello:
>
> Anyone here used the Meissner Signal Shifter as a VFO on the HT-4/BC-610?
>
> According to the manual I have for the Shifter, they run twisted-pair from the Shifter to each end of a 2000 ohm, 5 watt pot (?) or rheostat. Then, one end of the rheostat winding goes to ground at the crystal socket. The wiper on the rheostat connects, through a 500 pf capacitor, to the hot terminal on the crystal socket.
>
> I'm assuming that the pot, or rheostat, is used to vary the power delivered to the crystal socket.
>
> The manual is not specific as to whether this resistive load is a pot, or whatever. Seems to me that the load should be non-inductive. I've never seen an adjustable non-inductive resistor.
>
> There may be other, perhaps better ways, to couple the Shifter to the crystal socket.
>
> Comments?
>
> 73, Barrie, W7ALW
>
> [Non-text portions of this message have been removed]
>
>
>
>

>
> [Non-text portions of this message have been removed]
>

# 3753. RF Output Chain with ME-165, Antenna Tuner, Feedlines etc

Yahoo group: T-368_BC-610
Date: 2009-03-20 16:11:30 UTC
From: Greg Farrell
Topic: 3603  Message: 3753

Could someone share their detailed designs for positioning, connections and arrangement of their Xmitter -> SWR/Power Meter/Load (ME-165) -> Tuner -> Feedline -> Antenna ? Photos are very helpful but nothing like a detailed block/wiring diagram. Pointers to references work also.

I would like to connect to an end-fed long-wire antenna similar to Jim's arrangement.

Greg
Santa Rosa, Calif.

> After my ME-165 the line goes to the Johnson
> KW matchbox, then to open wire feeders to end fed long-wire, 153 feet
> long +- winter weather, Hi!
>
> Good luck, es 73
> Jim
> WB2FCN

# 3754. Re: [T-368_BC-610] RF Output Chain with ME-165, Antenna Tuner, Feedlines etc

Yahoo group: T-368_BC-610
Date: 2009-03-21 22:47:22 UTC
From: rbethman
Topic: 3603  Message: 3754

Greg,

No ancient Chinese secret. Although I can't say that photos or block diagram are available or necessary.

The only thing I can think Jim left out, is the Low Pass Filter being the FIRST item out of the transmitter.

I go from there to the ME-165, then to the Bird, then - switchable - either to tuned doublets - OR - to antenna coupler in MY setup to wire antenna. I use the BC-939. Jim uses a Johnson KW Matchbox.

Bob - N0DGN

Greg Farrell wrote:
>
> Could someone share their detailed designs for positioning,
> connections and arrangement of their Xmitter -> SWR/Power Meter/Load
> (ME-165) -> Tuner -> Feedline -> Antenna ? Photos are very helpful but
> nothing like a detailed block/wiring diagram. Pointers to references
> work also.
>
> I would like to connect to an end-fed long-wire antenna similar to
> Jim's arrangement.
>
> Greg
> Santa Rosa, Calif.
>
> > After my ME-165 the line goes to the Johnson
> > KW matchbox, then to open wire feeders to end fed long-wire, 153 feet
> > long +- winter weather, Hi!
> >
> > Good luck, es 73
> > Jim
> > WB2FCN
>
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

# 3755. Re: RF Output Chain with ME-165, Antenna Tuner, Feedlines etc

Yahoo group: T-368_BC-610
Date: 2009-03-22 06:36:48 UTC
From: Greg Farrell
Topic: 3603  Message: 3755

Bob,

Cheers and thanks for your patience with my questions.

I'll be the first to admit, I am on the upslope of my learning curve with this transmitter (HT-4). Sometimes it feels like I still have miles to climb but yet there is never an end.

Why the low pass filter? The manuals make no mention of this but suspect experience over the years indicates it as a good practice.

What is a "Bird"?

BC-939, a very nice instrument. I see I just missed one on ebay, Item number: 120384512474

Every answer helps me move a step upward.

Greg
Santa Rosa, Calif

--- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@...> wrote:
>
> Greg,
>
> No ancient Chinese secret. Although I can't say that photos or block
> diagram are available or necessary.
>
> The only thing I can think Jim left out, is the Low Pass Filter being
> the FIRST item out of the transmitter.
>
> I go from there to the ME-165, then to the Bird, then - switchable -
> either to tuned doublets - OR - to antenna coupler in MY setup to wire
> antenna. I use the BC-939. Jim uses a Johnson KW Matchbox.
>
> Bob - N0DGN
>
> Greg Farrell wrote:
> >
> > Could someone share their detailed designs for positioning,
> > connections and arrangement of their Xmitter -> SWR/Power Meter/Load
> > (ME-165) -> Tuner -> Feedline -> Antenna ? Photos are very helpful but
> > nothing like a detailed block/wiring diagram. Pointers to references
> > work also.
> >
> > I would like to connect to an end-fed long-wire antenna similar to
> > Jim's arrangement.
> >
> > Greg

> > Santa Rosa, Calif.
> >
> > > After my ME-165 the line goes to the Johnson
> > > KW matchbox, then to open wire feeders to end fed long-wire, 153 feet
> > > long +- winter weather, Hi!
> > >
> > > Good luck, es 73
> > > Jim
> > > WB2FCN
> >
> >
>
> --
> Bob - NØDGN
>
>
>
> [Non-text portions of this message have been removed]
>

# 3756. Re: [T-368_BC-610] Re: RF Output Chain with ME-165, Antenna Tuner, Feedlines etc

Yahoo group: T-368_BC-610
Date: 2009-03-22 13:43:08 UTC
From: Geoff/W5OMR
Topic: 3603  Message: 3756

Howdy, Greg. Let's see if I can't help you with some answers today.

Greg Farrell wrote:
> Bob,
>
> Cheers and thanks for your patience with my questions.
>
> I'll be the first to admit, I am on the upslope of my learning curve with this transmitter (HT-4). Sometimes it feels like I still have miles to climb but yet there is never an end.
>

Ah, but isn't that the fun of learning something you -want- to be involved with? It's like untangling a mystery. Don't get bogged down in the minutia of it, at first, but time and experience will prevail and you'll have that transmitter singing on the air-waves in no time.

> Why the low pass filter? The manuals make no mention of this but suspect experience over the years indicates it as a good practice.
>

Parasitics are generated, sometimes up and into the VHF (and beyond) range. A typical low-pass filter, passes only RF from frequencies below 30MHz. Mostly due to community areas with Television transmitters on Channel 2 (just above 6m). The HT-4 (originally built in the pre-TV days) didn't have a lot of shielding in the RF area, and there's the lack of a parasitic choke on the plate lead of the 250TH. In todays RF sensitive environment, *I* personally think that an acceptable mod to bring the HT-4/BC-610 on the air would be the inclusion of an RF 'cage' of sorts around the final tube, along with a parasitic choke in the plate lead of the 250TH final amplifier tube. Most purist will bristle at the idea of modifying (some call it 'horrify') such a stately piece of equipment, but keeping with the times and spectral purity requirements of today, in my opinion, take precedence. A (dramatic) example is, while there still exists a working Spark-gap transmitter, it isn't demonstrated due to it's RF environment disruptive nature.

While it's true that we've come a long way in technology, with DOC (data over cable) and satellite that render Television impervious to RF Interference (RFI) it's more important today to produce as clean as a signal as possible.

> What is a "Bird"?
>

Bird Watt meters. Industry standard in power output, and Voltage
Standing wave ratio (VSWR) measuring instruments.

> BC-939, a very nice instrument. I see I just missed one on ebay, Item number:
120384512474
>
> Every answer helps me move a step upward.
>

Hope that helped somewhat, Greg.

Most everyone else on this list could also benefit from the knowledge
that this list, like most others, is a text-only list. Graphic file
attachments, and html coded messages are stripped before the message is
sent to the masses.

You'll know when someone does this, as you'll see;

[Non-text portions of this message have been removed]

Just wanted all y'all to be aware.

--
73 = Best Regards,
-Geoff/W5OMR (/5 Spring, TX)

"You cannot legislate the poor into freedom by legislating the wealthy
out of freedom. What one person receives without working for, another
person must work for without receiving. The government cannot give to
anybody anything that the government does not first take from somebody
else. When half of the people get the idea that they do not have to
work because the other half is going to take care of them, and when the
other half gets the idea that it does no good to work because somebody
else is going to get what they work for, that my dear friend, is about
the end of any nation.
You cannot multiply wealth by dividing it."

~~~~~ Dr. Adrian Rogers , 1931
~~~~~

# 3757. Re: [T-368_BC-610] Re: RF Output Chain with ME-165, Antenna Tuner, Feedlines etc

Yahoo group: T-368_BC-610
Date: 2009-03-22 17:09:10 UTC
From: rbethman
Topic: 3603  Message: 3757

Greg,

The BC-610/HT-4 CAN throw spurious emissions easily. The LPF keeps you from blasting them all over the world.

As to "What is a Bird?". Do an ASK.COM search on Bird Wattmeters. These are industrial standard watt meters. You'll need to get the peak reading option and either a 2000W or 2500W element, (slug), that covers the Ham Allocations.

Bob - N0DGN

Greg Farrell wrote:
> 
> Bob,
> 
> Cheers and thanks for your patience with my questions.
> 
> I'll be the first to admit, I am on the upslope of my learning curve
> with this transmitter (HT-4). Sometimes it feels like I still have
> miles to climb but yet there is never an end.
> 
> Why the low pass filter? The manuals make no mention of this but
> suspect experience over the years indicates it as a good practice.
> 
> What is a "Bird"?
> 
> BC-939, a very nice instrument. I see I just missed one on ebay, Item
> number: 120384512474
> 
> Every answer helps me move a step upward.
> 
> Greg
> Santa Rosa, Calif
> 
> --- In T-368_BC-610@yahoogroups.com
> <mailto:T-368_BC-610%40yahoogroups.com>, rbethman <rbethman@...> wrote:
> >
> > Greg,
> >
> > No ancient Chinese secret. Although I can't say that photos or block
> > diagram are available or necessary.
> >
> > The only thing I can think Jim left out, is the Low Pass Filter being
> > the FIRST item out of the transmitter.

> >
> > I go from there to the ME-165, then to the Bird, then - switchable -
> > either to tuned doublets - OR - to antenna coupler in MY setup to wire
> > antenna. I use the BC-939. Jim uses a Johnson KW Matchbox.
> >
> > Bob - N0DGN
> >
> > Greg Farrell wrote:
> > >
> > > Could someone share their detailed designs for positioning,
> > > connections and arrangement of their Xmitter -> SWR/Power Meter/Load
> > > (ME-165) -> Tuner -> Feedline -> Antenna ? Photos are very helpful
> but
> > > nothing like a detailed block/wiring diagram. Pointers to references
> > > work also.
> > >
> > > I would like to connect to an end-fed long-wire antenna similar to
> > > Jim's arrangement.
> > >
> > > Greg
> > > Santa Rosa, Calif.
> > >
> > > > After my ME-165 the line goes to the Johnson
> > > > KW matchbox, then to open wire feeders to end fed long-wire, 153
> feet
> > > > long +- winter weather, Hi!
> > > >
> > > > Good luck, es 73
> > > > Jim
> > > > WB2FCN
> > >
> > >
> >
> > --
> > Bob - NØDGN
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

# 3758. Re: [T-368_BC-610] Re: RF Output Chain with ME-165, Antenna Tuner, Feedlines etc

Yahoo group: T-368_BC-610
Date: 2009-03-22 18:30:15 UTC
From: rbethman
Topic: 3603  Message: 3758

Geoff/W5OMR wrote:
>
> <snip>
>

As Geoff has said, parasitics are probably generated. The addition of a parasitic choke to the final plate lead probably wouldn't hurt.

However, I do NOT believe that an RF cage would be wise. The reason being that the cooling of the PA tube is by convection cooling. An RF Cage would inhibit this cooling. If said cage were to be added, then "some" means of cooling, i.e., SHOULD be added, unless one is blessed with a LARGE supply of 250THs.

Bob - N0DGN
>
>
> Parasitics are generated, sometimes up and into the VHF (and beyond)
> range. A typical low-pass filter, passes only RF from frequencies below
> 30MHz. Mostly due to community areas with Television transmitters on
> Channel 2 (just above 6m). The HT-4 (originally built in the pre-TV
> days) didn't have a lot of shielding in the RF area, and there's the
> lack of a parasitic choke on the plate lead of the 250TH. In todays RF
> sensitive environment, *I* personally think that an acceptable mod to
> bring the HT-4/BC-610 on the air would be the inclusion of an RF 'cage'
> of sorts around the final tube, along with a parasitic choke in the
> plate lead of the 250TH final amplifier tube. Most purist will bristle
> at the idea of modifying (some call it 'horrify') such a stately piece
> of equipment, but keeping with the times and spectral purity
> requirements of today, in my opinion, take precedence. A (dramatic)
> example is, while there still exists a working Spark-gap transmitter, it
> isn't demonstrated due to it's RF environment disruptive nature.
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

# 3759. Re: [T-368_BC-610] Re: RF Output Chain with ME-165, Antenna Tuner, Feedlines etc

Yahoo group: T-368_BC-610
Date: 2009-03-22 20:00:04 UTC
From: rbethman
Topic: 3603  Message: 3759

I have tested the BC-610 AND the T-213 with receivers having their antennas draped over the aforementioned TXs. I have searched from 30Mc through 425Mc and have YET to detect ANY output of spurs indicating any parasitics.

I also left out the cooling methodology of some sort of fan. Since I do NOT advocate a cage, AND the tube data sheets CLEARLY indicate cooling by convection, I'd leave the cage "issue" alone. It could only create MORE problems than it solves.

I am NOT a purist that considers "modifications" to be "horrific" or "heresy". I simply have found that there really ISN'T any need to modify these particular radios.

There are 63 of these in the BC-610 registry, (different models interspersed), and I know of NONE that have PA Final mods done to them.

Bob - N0DGN

rbethman wrote:
>
>
>
> Geoff/W5OMR wrote:
> >
> > <snip>
> >
>
> As Geoff has said, parasitics are probably generated. The addition of a
> parasitic choke to the final plate lead probably wouldn't hurt.
>
> However, I do NOT believe that an RF cage would be wise. The reason
> being that the cooling of the PA tube is by convection cooling. An RF
> Cage would inhibit this cooling. If said cage were to be added, then
> "some" means of cooling, i.e., SHOULD be added, unless one is blessed
> with a LARGE supply of 250THs.
>
> Bob - N0DGN
> >
> >
> > Parasitics are generated, sometimes up and into the VHF (and beyond)
> > range. A typical low-pass filter, passes only RF from frequencies below
> > 30MHz. Mostly due to community areas with Television transmitters on
> > Channel 2 (just above 6m). The HT-4 (originally built in the pre-TV
> > days) didn't have a lot of shielding in the RF area, and there's the

> > lack of a parasitic choke on the plate lead of the 250TH. In todays RF
> > sensitive environment, *I* personally think that an acceptable mod to
> > bring the HT-4/BC-610 on the air would be the inclusion of an RF 'cage'
> > of sorts around the final tube, along with a parasitic choke in the
> > plate lead of the 250TH final amplifier tube. Most purist will bristle
> > at the idea of modifying (some call it 'horrify') such a stately piece
> > of equipment, but keeping with the times and spectral purity
> > requirements of today, in my opinion, take precedence. A (dramatic)
> > example is, while there still exists a working Spark-gap transmitter, it
> > isn't demonstrated due to it's RF environment disruptive nature.
> >
>
> --
> Bob - NØDGN
>
> [Non-text portions of this message have been removed]
>
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

# 3760. Re: [T-368_BC-610] Re: RF Output Chain with ME-165, Antenna Tuner, Feedlines etc

Yahoo group: T-368_BC-610
Date: 2009-03-22 18:57:01 UTC
From: Barrie Smith
Topic: 3603  Message: 3760

In some of the old, old Eimac Service bulletins I have, it's recommended to use nichrome wire for the plate lead to reduce parasitics.

This would be an easily reversible mod that may work as well as a choke.

73, Barrie, W7ALW
----- Original Message -----
From: rbethman
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, March 22, 2009 12:30 PM
Subject: Re: [T-368_BC-610] Re: RF Output Chain with ME-165, Antenna Tuner, Feedlines etc

Geoff/W5OMR wrote:
>
> <snip>
>

As Geoff has said, parasitics are probably generated. The addition of a parasitic choke to the final plate lead probably wouldn't hurt.

However, I do NOT believe that an RF cage would be wise. The reason being that the cooling of the PA tube is by convection cooling. An RF Cage would inhibit this cooling. If said cage were to be added, then "some" means of cooling, i.e., SHOULD be added, unless one is blessed with a LARGE supply of 250THs.

Bob - N0DGN
>
>
> Parasitics are generated, sometimes up and into the VHF (and beyond)
> range. A typical low-pass filter, passes only RF from frequencies below
> 30MHz. Mostly due to community areas with Television transmitters on
> Channel 2 (just above 6m). The HT-4 (originally built in the pre-TV
> days) didn't have a lot of shielding in the RF area, and there's the
> lack of a parasitic choke on the plate lead of the 250TH. In todays RF
> sensitive environment, *I* personally think that an acceptable mod to
> bring the HT-4/BC-610 on the air would be the inclusion of an RF 'cage'
> of sorts around the final tube, along with a parasitic choke in the
> plate lead of the 250TH final amplifier tube. Most purist will bristle
> at the idea of modifying (some call it 'horrify') such a stately piece
> of equipment, but keeping with the times and spectral purity
> requirements of today, in my opinion, take precedence. A (dramatic)
> example is, while there still exists a working Spark-gap transmitter, it
> isn't demonstrated due to it's RF environment disruptive nature.
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3761. Parasitics

Yahoo group: T-368_BC-610
Date: 2009-03-22 20:08:39 UTC
From: Barrie Smith
Topic: 3761  Message: 3761

In some of the old, old Eimac Service bulletins I have, it's recommended to use nichrome wire for the plate lead to reduce parasitics.

This would be an easily reversible mod that may work as well as a choke.

73, Barrie, W7ALW
----- Original Message -----
From: rbethman
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, March 22, 2009 12:30 PM
Subject: Re: [T-368_BC-610] Re: RF Output Chain with ME-165, Antenna Tuner, Feedlines etc

Geoff/W5OMR wrote:
>
> <snip>
>

As Geoff has said, parasitics are probably generated. The addition of a parasitic choke to the final plate lead probably wouldn't hurt.

However, I do NOT believe that an RF cage would be wise. The reason being that the cooling of the PA tube is by convection cooling. An RF Cage would inhibit this cooling. If said cage were to be added, then "some" means of cooling, i.e., SHOULD be added, unless one is blessed with a LARGE supply of 250THs.

Bob - N0DGN
>
>
> Parasitics are generated, sometimes up and into the VHF (and beyond)
> range. A typical low-pass filter, passes only RF from frequencies below
> 30MHz. Mostly due to community areas with Television transmitters on
> Channel 2 (just above 6m). The HT-4 (originally built in the pre-TV
> days) didn't have a lot of shielding in the RF area, and there's the
> lack of a parasitic choke on the plate lead of the 250TH. In todays RF
> sensitive environment, *I* personally think that an acceptable mod to
> bring the HT-4/BC-610 on the air would be the inclusion of an RF 'cage'
> of sorts around the final tube, along with a parasitic choke in the
> plate lead of the 250TH final amplifier tube. Most purist will bristle
> at the idea of modifying (some call it 'horrify') such a stately piece
> of equipment, but keeping with the times and spectral purity
> requirements of today, in my opinion, take precedence. A (dramatic)
> example is, while there still exists a working Spark-gap transmitter, it
> isn't demonstrated due to it's RF environment disruptive nature.
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

Barrie, W7ALW, DN36au,
QRV 6M, 432 & 1296 EME

[Non-text portions of this message have been removed]

# 3762. Re: [T-368_BC-610] Parasitics

Yahoo group: T-368_BC-610
Date: 2009-03-22 22:17:21 UTC
From: rbethman
Topic: 3761  Message: 3762

Barrie,

We got you the first time. However, I'd like to see the Bulletins.

Due to the length of the plate lead and nichrome wire being resistive,
I'd be hesitant to do this.

A resistive lead will NOT act as a choke, UNLESS it is wound into a coil
of some sort. To add to the issues inherent, the PA section is VERY
sensitive to inductance.

Bob - N0DGN

Barrie Smith wrote:
>
> In some of the old, old Eimac Service bulletins I have, it's
> recommended to use nichrome wire for the plate lead to reduce parasitics.
>
> This would be an easily reversible mod that may work as well as a choke.
>
> 73, Barrie, W7ALW
> ----- Original Message -----
> From: rbethman
> To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> Sent: Sunday, March 22, 2009 12:30 PM
> Subject: Re: [T-368_BC-610] Re: RF Output Chain with ME-165, Antenna
> Tuner, Feedlines etc
>
> Geoff/W5OMR wrote:
> >
> > <snip>
> >
>
> As Geoff has said, parasitics are probably generated. The addition of a
> parasitic choke to the final plate lead probably wouldn't hurt.
>
> However, I do NOT believe that an RF cage would be wise. The reason
> being that the cooling of the PA tube is by convection cooling. An RF
> Cage would inhibit this cooling. If said cage were to be added, then
> "some" means of cooling, i.e., SHOULD be added, unless one is blessed
> with a LARGE supply of 250THs.
>
> Bob - N0DGN
> >
> >
> > Parasitics are generated, sometimes up and into the VHF (and beyond)

> > range. A typical low-pass filter, passes only RF from frequencies below
> > 30MHz. Mostly due to community areas with Television transmitters on
> > Channel 2 (just above 6m). The HT-4 (originally built in the pre-TV
> > days) didn't have a lot of shielding in the RF area, and there's the
> > lack of a parasitic choke on the plate lead of the 250TH. In todays RF
> > sensitive environment, *I* personally think that an acceptable mod to
> > bring the HT-4/BC-610 on the air would be the inclusion of an RF 'cage'
> > of sorts around the final tube, along with a parasitic choke in the
> > plate lead of the 250TH final amplifier tube. Most purist will bristle
> > at the idea of modifying (some call it 'horrify') such a stately piece
> > of equipment, but keeping with the times and spectral purity
> > requirements of today, in my opinion, take precedence. A (dramatic)
> > example is, while there still exists a working Spark-gap transmitter, it
> > isn't demonstrated due to it's RF environment disruptive nature.
> >
>
> --
> Bob - NØDGN
>
> [Non-text portions of this message have been removed]
>
> Barrie, W7ALW, DN36au,
> QRV 6M, 432 & 1296 EME
>
> [Non-text portions of this message have been removed]
>
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

# 3763. parasitics

Yahoo group: T-368_BC-610
Date: 2009-03-22 21:16:09 UTC
From: Alan Morriss
Topic: 3763  Message: 3763

hello guys. i was worried about parasitics and harmonics with the bc610. using the bc939 and a whip antenna, i could not detect any, and the same went for a doublet matched by a johnson kilowatt matchbox. without the matchbox harmonics were radiated using the doublet. they were not all that strong though. regarding forced cooling, if it was not considered necessary by the designers, even regarding the range of temperatures the set was called upon to operate in, i don' see why anyone should think of it. the shelter keeps nice and warm in winter ! cheers, alan g4gen

[Non-text portions of this message have been removed]

# 3764. W1NML??

Yahoo group: T-368_BC-610
Date: 2009-03-23 03:05:48 UTC
From: redmenaced
Topic: 3764  Message: 3764

Lock Pingree's E-mail is bouncing, account inactive.

Anyone know what's up with him?

Joe

# 3765. Re: [T-368_BC-610] Re: RF Output Chain with ME-165, Antenna Tuner, Feedlines etc

Yahoo group: T-368_BC-610
Date: 2009-03-23 10:56:58 UTC
From: Geoff/W5OMR
Topic: 3603  Message: 3765

rbethman wrote:
> I have tested the BC-610 AND the T-213 with receivers having their
> antennas draped over the aforementioned TXs. I have searched from 30Mc
> through 425Mc and have YET to detect ANY output of spurs indicating any
> parasitics.
>
> I also left out the cooling methodology of some sort of fan. Since I do
> NOT advocate a cage, AND the tube data sheets CLEARLY indicate cooling
> by convection, I'd leave the cage "issue" alone. It could only create
> MORE problems than it solves.
>
> I am NOT a purist that considers "modifications" to be "horrific" or
> "heresy". I simply have found that there really ISN'T any need to
> modify these particular radios.
>
> There are 63 of these in the BC-610 registry, (different models
> interspersed), and I know of NONE that have PA Final mods done to them.
>
>> --
>> Bob - N?DGN
>>
>> [Non-text portions of this message have been removed]

I told ya there would be those that bristle at the idea ;-) (just
kiddin' Bob)

Hey, when are you going to start generating TEXT-ONLY messages, instead
of html-coded messages, Bob?

--
73 = Best Regards,
-Geoff/W5OMR (/5 Baja Spring, TX)

# 3766. Re: [T-368_BC-610] Re: RF Output Chain with ME-165, Antenna Tuner, Feedlines etc

Yahoo group: T-368_BC-610
Date: 2009-03-23 15:57:49 UTC
From: rbethman
Topic: 3603  Message: 3766

Geoff,

I'll send TEXT ONLY to QTH.NET lists, YAHOO GROUPS ALLOW html, so I will
USE IT.

I still will NOT support an RF cage. The PA, 250TH WILL run hotter. If
this method of NO cage has worked since 194?, why mess with it NOW?

Bob - N0DGN

Geoff/W5OMR wrote:
>
> rbethman wrote:
> > I have tested the BC-610 AND the T-213 with receivers having their
> > antennas draped over the aforementioned TXs. I have searched from 30Mc
> > through 425Mc and have YET to detect ANY output of spurs indicating any
> > parasitics.
> >
> > I also left out the cooling methodology of some sort of fan. Since I do
> > NOT advocate a cage, AND the tube data sheets CLEARLY indicate cooling
> > by convection, I'd leave the cage "issue" alone. It could only create
> > MORE problems than it solves.
> >
> > I am NOT a purist that considers "modifications" to be "horrific" or
> > "heresy". I simply have found that there really ISN'T any need to
> > modify these particular radios.
> >
> > There are 63 of these in the BC-610 registry, (different models
> > interspersed), and I know of NONE that have PA Final mods done to them.
> >
> >> --
> >> Bob - NØDGN
> >>
> >> [Non-text portions of this message have been removed]
>
> I told ya there would be those that bristle at the idea ;-) (just
> kiddin' Bob)
>
> Hey, when are you going to start generating TEXT-ONLY messages, instead
> of html-coded messages, Bob?
>
> --
> 73 = Best Regards,
> -Geoff/W5OMR (/5 Baja Spring, TX)
>

>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

# 3767. Re: [T-368_BC-610] Re: RF Output Chain with ME-165, Antenna Tuner, Feedlines etc

Yahoo group: T-368_BC-610
Date: 2009-03-23 18:01:49 UTC
From: Alan Morriss
Topic: 3603  Message: 3767

hello bob, you are right. the 250th runs very hot, and it is inadvisable to even allow cold air to blow on it as this can cause breakage i am told. natural air circulation is what it was designed for. cheers, alan g4gen
----- Original Message -----
From: rbethman
To: T-368_BC-610@yahoogroups.com
Sent: Monday, March 23, 2009 3:57 PM
Subject: Re: [T-368_BC-610] Re: RF Output Chain with ME-165, Antenna Tuner, Feedlines etc

Geoff,

I'll send TEXT ONLY to QTH.NET lists, YAHOO GROUPS ALLOW html, so I will
USE IT.

I still will NOT support an RF cage. The PA, 250TH WILL run hotter. If
this method of NO cage has worked since 194?, why mess with it NOW?

Bob - N0DGN

Geoff/W5OMR wrote:
>
> rbethman wrote:
> > I have tested the BC-610 AND the T-213 with receivers having their
> > antennas draped over the aforementioned TXs. I have searched from 30Mc
> > through 425Mc and have YET to detect ANY output of spurs indicating any
> > parasitics.
> >
> > I also left out the cooling methodology of some sort of fan. Since I do
> > NOT advocate a cage, AND the tube data sheets CLEARLY indicate cooling
> > by convection, I'd leave the cage "issue" alone. It could only create
> > MORE problems than it solves.
> >
> > I am NOT a purist that considers "modifications" to be "horrific" or
> > "heresy". I simply have found that there really ISN'T any need to
> > modify these particular radios.
> >
> > There are 63 of these in the BC-610 registry, (different models
> > interspersed), and I know of NONE that have PA Final mods done to them.
> >
> >> --
> >> Bob - NØDGN
> >>
> >> [Non-text portions of this message have been removed]
>
> I told ya there would be those that bristle at the idea ;-) (just

> kiddin' Bob)
>
> Hey, when are you going to start generating TEXT-ONLY messages, instead
> of html-coded messages, Bob?
>
> --
> 73 = Best Regards,
> -Geoff/W5OMR (/5 Baja Spring, TX)
>
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3768. Re: RF Output Chain with ME-165, Antenna Tuner, Feedlines etc

Yahoo group: T-368_BC-610
Date: 2009-03-23 20:21:46 UTC
From: Greg Farrell
Topic: 3603  Message: 3768

Every bit of information is helping. It is all bit puzzling for us newcomer at times. You have all been very helpful. I do read all your posts!

What I think I read is parasitics are not that much of an issue (based on you guys testing), so a LPF would not necessarily be a requirement. True?

Sooooo.....

I can cable from the transmitter to the ME-168, ME-168 to the AT-2 Antenna Tuner, AT-2 to the lead lines out the wall to the antenna (have some decisions to make there...like use ladder line, coax, twin coax etc). Will need some sort of balun there.

Managed to locate this helpful diagram on QSL http://www.qsl.net/n1lo/80mdblet.pdf

The ME-168 uses type-N connectors. Is there a handy adapter or way of adapting a transmission line from the XMTR output posts to the ME-168?

I won't run out of questions.

VY 73

Greg
Santa Rosa, CA

# 3769. Re: [T-368_BC-610] Re: RF Output Chain with ME-165, Antenna Tuner, Feedlines etc

Yahoo group: T-368_BC-610
Date: 2009-03-23 20:56:48 UTC
From: rbethman
Topic: 3603  Message: 3769

Greg,

The Low Pass Filter has NOTHING to do with parasitics. It has
EVERYTHING to do with HARMONICS!

Run on 20 meters without one, and you'll have a GOOD chance of ALSO
being on 10 meters. Hence the LPF.

Remember, the TUs can run fundamental, double, or even triple the
crystal frequency. Therefore, I would THINK that whatever you set the
M.O. at has the double and triple going from TUs and through. Reduced
strength - yes. But they are very likely to be there.

Parasitic oscillation is ENTIRELY different from harmonics.

Bob - N0DGN

Greg Farrell wrote:
>
> Every bit of information is helping. It is all bit puzzling for us
> newcomer at times. You have all been very helpful. I do read all your
> posts!
>
> What I think I read is parasitics are not that much of an issue (based
> on you guys testing), so a LPF would not necessarily be a requirement.
> True?
>
> Sooooo.......
>
> I can cable from the transmitter to the ME-168, ME-168 to the AT-2
> Antenna Tuner, AT-2 to the lead lines out the wall to the antenna
> (have some decisions to make there...like use ladder line, coax, twin
> coax etc). Will need some sort of balun there.
>
> Managed to locate this helpful diagram on QSL
> http://www.qsl.net/n1lo/80mdblet.pdf
> <http://www.qsl.net/n1lo/80mdblet.pdf>
>
> The ME-168 uses type-N connectors. Is there a handy adapter or way of
> adapting a transmission line from the XMTR output posts to the ME-168?
>
> I won't run out of questions.
>
> VY 73
>

> Greg
> Santa Rosa, CA
>
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

# 3770. Re: [T-368_BC-610] Re: RF Output Chain with ME-165, Antenna Tuner, Feedlines etc

Yahoo group: T-368_BC-610
Date: 2009-03-23 22:05:05 UTC
From: Geoff/W5OMR
Topic: 3603  Message: 3770

rbethman wrote:
> Geoff,
>
> I'll send TEXT ONLY to QTH.NET lists, YAHOO GROUPS ALLOW html, so I will
> USE IT.
>

this group, apparently, strips it. It's a settable feature, when the
group is setup. This group will keep stripping it out .

"[Non-text portions of this message have been removed]"

is sent on every mesage you send to the T-368/BC-610 reflector, Bob.

Ain't no biggie to me. Keep sending 'em! The group will just keep stripping it, anyway. ;-)

> I still will NOT support an RF cage. The PA, 250TH WILL run hotter. If
> this method of NO cage has worked since 194?, why mess with it NOW?

I don't see what you're getting you knickers all knotted for... I know
I didn't describe -what kind- of RF cage... shoot, for that matter, it
could just be copper screen, fer cryin' out loud, or even chicken wire.
How much heat you think can remain in chicken wire? ;-)

You know that device you carry on your hip, these days? The Cell
phone. Everyone has one. My, what marvelous wonders the technical
minds are, these days. Smaller, Faster, Cheaper.
Bottom line is, it's still a 2-way radio! It's the same thing as a tube
type transmitter with a receiver. only THESE Radios are full-duplex!

Do you not think that with a little knowledge and some advancement in
technology, that a device designed to operate in the 1940's could stand
to use some 'updates'?

c'mon... even YOU aren't wearing the same style of clothes you did in
the 1940's, are ya? ;-)

I knew _someone's_ back would bristle at the thought of horrifying a
piece of equipment. Me? I don't care. If it needs a hole in the side
to tune a series capacitor in the link output, then out comes the
drill. If I need to install a variable resistor to set the bias on a
solid-state, Class B Audio driver, then drill we will! Bottom line is,
whatever -that- little modification that I do, or whatever new circuit
gets installed, is for the overall BETTERMENT of the equipment! This
-is-, after all, 2009 and not 1940 any longer.

--
73 = Best Regards,
-Geoff/W5OMR (/5 Baja Spring, TX)

# 3771. Re: [T-368_BC-610] Re: RF Output Chain with ME-165, Antenna Tuner, Feedlines etc

Yahoo group: T-368_BC-610
Date: 2009-03-23 22:13:56 UTC
From: Geoff/W5OMR
Topic: 3603  Message: 3771

Greg Farrell wrote:
> Every bit of information is helping. It is all bit puzzling for us newcomer at times. You have all been very helpful. I do read all your posts!
>
> What I think I read is parasitics are not that much of an issue (based on you guys testing), so a LPF would not necessarily be a requirement. True?
>

You mileage may vary. THESE guys say they don't have a problem. I've
-seen- problems, and heard worse horror stories.

> Sooooo.......
>
> I can cable from the transmitter to the ME-168, ME-168 to the AT-2 Antenna Tuner, AT-2 to the lead lines out the wall to the antenna (have some decisions to make there...like use ladder line, coax, twin coax etc). Will need some sort of balun there.
>

Why? Use open-wire line to a doublet. I've never had good luck with a
balun. In the 50 years I've been around ham radio (all my life) I've
seen baluns used, and compared A/B with/without baluns... always the
signal was better -without-.

> Managed to locate this helpful diagram on QSL http://www.qsl.net/n1lo/80mdblet.pdf
>
> The ME-168 uses type-N connectors. Is there a handy adapter or way of adapting a transmission line from the XMTR output posts to the ME-168?
>

It's not that critical of a thing at HF. You can solder wires to the
connector, from the antenna output posts, if you have to use a
connector. Those devices you are using between the transmitter and the
transmission line have connectors, and that's fine.

> I won't run out of questions.

we'll always have answers ;-)

# 3772. Re: [T-368_BC-610] Re: RF Output Chain with ME-165, Antenna Tuner, Feedlines etc

Yahoo group: T-368_BC-610
Date: 2009-03-23 22:25:28 UTC
From: rbethman
Topic: 3603  Message: 3772

That "thing" on MY hip is a .45 semi-auto. It certainly is NO cell phone.

My only beef with an RF cage, IS the heating issue - AND - Eimac specifically states cooling by convection. A chicken wire cage would be absolutely USELESS!

The "thing that is being stripped out is a "tag-line".

Bob - N0DGN

Geoff/W5OMR wrote:
>
> rbethman wrote:
> > Geoff,
> >
> > I'll send TEXT ONLY to QTH.NET lists, YAHOO GROUPS ALLOW html, so I
> will
> > USE IT.
> >
>
> this group, apparently, strips it. It's a settable feature, when the
> group is setup. This group will keep stripping it out .
>
> "[Non-text portions of this message have been removed]"
>
> is sent on every mesage you send to the T-368/BC-610 reflector, Bob.
>
> Ain't no biggie to me. Keep sending 'em! The group will just keep
> stripping it, anyway. ;-)
>
> > I still will NOT support an RF cage. The PA, 250TH WILL run hotter. If
> > this method of NO cage has worked since 194?, why mess with it NOW?
>
> I don't see what you're getting you knickers all knotted for... I know
> I didn't describe -what kind- of RF cage... shoot, for that matter, it
> could just be copper screen, fer cryin' out loud, or even chicken wire.
> How much heat you think can remain in chicken wire? ;-)
>
> You know that device you carry on your hip, these days? The Cell
> phone. Everyone has one. My, what marvelous wonders the technical
> minds are, these days. Smaller, Faster, Cheaper.
> Bottom line is, it's still a 2-way radio! It's the same thing as a tube
> type transmitter with a receiver. only THESE Radios are full-duplex!
>
> Do you not think that with a little knowledge and some advancement in

> technology, that a device designed to operate in the 1940's could stand
> to use some 'updates'?
>
> c'mon... even YOU aren't wearing the same style of clothes you did in
> the 1940's, are ya? ;-)
>
> I knew _someone's_ back would bristle at the thought of horrifying a
> piece of equipment. Me? I don't care. If it needs a hole in the side
> to tune a series capacitor in the link output, then out comes the
> drill. If I need to install a variable resistor to set the bias on a
> solid-state, Class B Audio driver, then drill we will! Bottom line is,
> whatever -that- little modification that I do, or whatever new circuit
> gets installed, is for the overall BETTERMENT of the equipment! This
> -is-, after all, 2009 and not 1940 any longer.
>
> --
> 73 = Best Regards,
> -Geoff/W5OMR (/5 Baja Spring, TX)
>
>

--
Bob - N?DGN

# 3773. Re: [T-368_BC-610] Re: RF Output Chain with ME-165, Antenna Tuner, Feedlines etc

Yahoo group: T-368_BC-610
Date: 2009-03-24 00:07:06 UTC
From: rbethman
Topic: 3603  Message: 3773

More like "WAR" stories or radios that people have needlessly modified.

Greg, you are using an HT-4 IIRC. Does it have a coaxial connector on the side as the BC-610s and T-213s? - OR - Does your's have the two porcelain feed-through with conductor on the left side?

The number of these manufactured for the government is NOT small. NONE of these EVER had a parasitic problem NOR a parasitic suppressor.

Geoff - demonstrate in the MANUALS

Bob - N0DGN

Geoff/W5OMR wrote:
>
> Greg Farrell wrote:
> > Every bit of information is helping. It is all bit puzzling for us
> newcomer at times. You have all been very helpful. I do read all your
> posts!
> >
> > What I think I read is parasitics are not that much of an issue
> (based on you guys testing), so a LPF would not necessarily be a
> requirement. True?
> >
>
> You mileage may vary. THESE guys say they don't have a problem. I've
> -seen- problems, and heard worse horror stories.
>
> > Sooooo.......
> >
> > I can cable from the transmitter to the ME-168, ME-168 to the AT-2
> Antenna Tuner, AT-2 to the lead lines out the wall to the antenna
> (have some decisions to make there...like use ladder line, coax, twin
> coax etc). Will need some sort of balun there.
> >
>
> Why? Use open-wire line to a doublet. I've never had good luck with a
> balun. In the 50 years I've been around ham radio (all my life) I've
> seen baluns used, and compared A/B with/without baluns... always the
> signal was better -without-.
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> > Managed to locate this helpful diagram on QSL
> http://www.qsl.net/n1lo/80mdblet.pdf
> <http://www.qsl.net/n1lo/80mdblet.pdf>
> >

> > The ME-168 uses type-N connectors. Is there a handy adapter or way
> of adapting a transmission line from the XMTR output posts to the ME-168?
> >
>
> It's not that critical of a thing at HF. You can solder wires to the
> connector, from the antenna output posts, if you have to use a
> connector. Those devices you are using between the transmitter and the
> transmission line have connectors, and that's fine.
>
> > I won't run out of questions.
>
> we'll always have answers ;-)
>
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

# 3774. Re: RF Output Chain with ME-165, Antenna Tuner, Feedlines etc

Yahoo group: T-368_BC-610
Date: 2009-03-24 02:25:44 UTC
From: Greg Farrell
Topic: 3603  Message: 3774

Hi Bob,

> More like "WAR" stories or radios that people have needlessly modified.

This is exactly why I ask lots of those pesky questions of you guys. I would like to engineer and implement this installation once, hopefully right the first time ;)

> Does it have a coaxial connector on
> the side as the BC-610s and T-213s? - OR - Does your's have the two porcelain feed-through with conductor on the left side?

It has the porcelain feed-throughs. I just uploaded some more photos too.

http://d.yimg.com/kq/groups/276946/sn/665987221/name/DSC03889C.jpg

I don't have a date of manufacture for old Serial Number 1882, but its an early "A" model.

> The number of these manufactured for the government is NOT small. > NONE of these EVER had a parasitic problem NOR a parasitic suppressor.

That's good news.

TNX 73

Greg

# 3775. Re: [T-368_BC-610] Re: RF Output Chain with ME-165, Antenna Tuner, Feedlines etc

Yahoo group: T-368_BC-610
Date: 2009-03-24 02:59:06 UTC
From: Geoff/W5OMR
Topic: 3603  Message: 3775

rbethman wrote:
> More like "WAR" stories or radios that people have needlessly modified.
>
> Greg, you are using an HT-4 IIRC. Does it have a coaxial connector on
> the side as the BC-610s and T-213s? - OR - Does your's have the two
> porcelain feed-through with conductor on the left side?
>
> The number of these manufactured for the government is NOT small. NONE
> of these EVER had a parasitic problem NOR a parasitic suppressor.
>
> Geoff - demonstrate in the MANUALS
>
> Bob - N0DGN
>
>

Why do you take everything I say, as a personal afront to you?

# 3776. Re: [T-368_BC-610] Re: RF Output Chain with ME-165, Antenna Tuner, Feedlines etc

Yahoo group: T-368_BC-610
Date: 2009-03-24 03:37:00 UTC
From: rbethman
Topic: 3603  Message: 3776

Greg,

The output of these animals is NOT 50 ohms. The antenna tuners for the HT-4, (AT-2), and the BC-939 (A) & (B) are NOT antenna tuners. They are indeed antenna couplers/ When feeding and end fed wire as Jim, WB2FCN, does. He DOES use the Johnson KW Matchbox. The reason he does this is simply the BC-939 has SPECIFIC wire lengths that they are designed for.

Barrie brought up nichrome wire for the plate lead. Nichrome wire IS resistance wire as is found in toasters. The resistance of this wire would be an RF loss mechanism AND a heater inside a transmitter that does NOT need ANY more heat. To achieve a "ckoke" effect, it would HAVE to be wound in a coil, thereby simply creating a heating element.

A parasitic suppressor is composed of copper wire in a coil, with resistor(s) inside the coil to absorb the parasitic oscillations created due to internal capacitance to the final. These are found on 3-500Zs, 4-400s, and 572Bs. (No doubt others)

I have the Eimac data sheets and bulletins on the 250TH. NO parasitic suppression is even mentioned in this documentation dating as far back as 1951.

My T-213 is a Depot modified BC-610. The ONLY thing I can find is that they removed the porcelain feedthrough and added an SO-239. There are NO Mods by the U.S. Government, EXCEPT for the two page change to allow the use on the Broadcast Band.

The HT-4 is the ONLY version of these that came with a TU and PA coil for 10 meters. The BC-610 "can" be put on 10 meters - CAVEAT - U. S. Government found that the radio cabinet/chassis to be crawling with RF. This is why THEY did not go for a 10 meter option.

Tuned doublets work fine with these animals. I use either the tuned doublets, OR I use the BC-939 with the SPECIFIED wire length.

They are NOT problematic to run. The use of LPFs is a precaution due to the fact that they WILL exceed legal power levels, AND exceed the legal limit. I found the peaked out by properly dipping the plate, I "could" pin the Bird's 2500W scale on Mod peaks. They take a "little" more effort than a ham only rig to properly operate.

I have YET to damage one of these wonderful radios. They were in use into the latter end of the '60s, and one was used at Arecibo, P.R. to communicate back to Ft. Bragg, even a bit later.

Get it up and running RIGHT. IF you are then compelled to play with changing things, enjoy. Jim and I are ONLY trying to get YOU going right. The ONLY real purpose to the ME-165 is for a shielded dummy load. Which we use for initial tune up and dip. Once that is done, you can take it out of the RF path. It really was built for the T-368. But it does the dummy load job for the approx 400W carrier very well.

No war stories or third hand info given here! Just the facts!

Bob - NoDGN

Greg Farrell wrote:
>
> Hi Bob,
>
> > More like "WAR" stories or radios that people have needlessly modified.
>
> This is exactly why I ask lots of those pesky questions of you guys. I
> would like to engineer and implement this installation once, hopefully
> right the first time ;)
>
> > Does it have a coaxial connector on
> > the side as the BC-610s and T-213s? - OR - Does your's have the two
> porcelain feed-through with conductor on the left side?
>
> It has the porcelain feed-throughs. I just uploaded some more photos too.
>
> http://d.yimg.com/kq/groups/276946/sn/665987221/name/DSC03889C.jpg
> <http://d.yimg.com/kq/groups/276946/sn/665987221/name/DSC03889C.jpg>
>
> I don't have a date of manufacture for old Serial Number 1882, but its
> an early "A" model.
>
> > The number of these manufactured for the government is NOT small. >
> NONE of these EVER had a parasitic problem NOR a parasitic suppressor.
>
> That's good news.
>
> TNX 73
>
> Greg
>
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

# 3777. Re: [T-368_BC-610] Re: RF Output Chain with ME-165, Antenna Tuner, Feedlines etc

Yahoo group: T-368_BC-610
Date: 2009-03-24 03:42:14 UTC
From: rbethman
Topic: 3603  Message: 3777

Call it personality differences.

Jim and I are trying to get him started initially.

Issues BEYOND the real everyday use of these is NOT helpful in getting a youngster to these Beasts up and running.

Does THIS answer your question? These are NOT the normal Ham Transmitters. They have their quirks.

You have done a lot of playing with 259THs and 304TLs in "custom" built gear. The HT-4s, BC-610s, and T-213s are NOT in the same category.

Bob - N0DGN

Geoff/W5OMR wrote:
>
> rbethman wrote:
> > More like "WAR" stories or radios that people have needlessly modified.
> >
> > Greg, you are using an HT-4 IIRC. Does it have a coaxial connector on
> > the side as the BC-610s and T-213s? - OR - Does your's have the two
> > porcelain feed-through with conductor on the left side?
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> > Geoff - demonstrate in the MANUALS
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> >
>
> Why do you take everything I say, as a personal afront to you?
>
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

# 3778. Re: RF Output Chain with ME-165, Antenna Tuner, Feedlines etc

Yahoo group: T-368_BC-610
Date: 2009-03-24 05:31:34 UTC
From: Greg Farrell
Topic: 3603  Message: 3778

Well written, Bob. Thank you.

Short bio: 59 years of age. Worked at HP/Agilent RF/Microwave Divisions now almost 35 years. When I was a senior buyer, I managed all the vacuum tube and RF/MW components, including klystrons, Backward Wave and Traveling Wave tubes, YIG oscillators etc. Since a kid, always wanted to become a ham, build a system. I love tubes and having fun doing this. It may take me a year till I flip the switch. Am in no hurry, just want to do it right and hopefully not a lot more money (or my wife will leave me).

Greg
Santa Rosa, CA

--- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@...> wrote:
>
> Greg,
>
> The output of these animals is NOT 50 ohms. The antenna tuners for the
> HT-4, (AT-2), and the BC-939 (A) & (B) are NOT antenna tuners. They are
> indeed antenna couplers/ When feeding and end fed wire as Jim, WB2FCN,
> does. He DOES use the Johnson KW Matchbox. The reason he does this is
> simply the BC-939 has SPECIFIC wire lengths that they are designed for.
>
> Barrie brought up nichrome wire for the plate lead. Nichrome wire IS
> resistance wire as is found in toasters. The resistance of this wire
> would be an RF loss mechanism AND a heater inside a transmitter that
> does NOT need ANY more heat. To achieve a "ckoke" effect, it would HAVE
> to be wound in a coil, thereby simply creating a heating element.
>
> A parasitic suppressor is composed of copper wire in a coil, with
> resistor(s) inside the coil to absorb the parasitic oscillations created
> due to internal capacitance to the final. These are found on 3-500Zs,
> 4-400s, and 572Bs. (No doubt others)
>
> I have the Eimac data sheets and bulletins on the 250TH. NO parasitic
> suppression is even mentioned in this documentation dating as far back
> as 1951.
>
> My T-213 is a Depot modified BC-610. The ONLY thing I can find is that
> they removed the porcelain feedthrough and added an SO-239. There are
> NO Mods by the U.S. Government, EXCEPT for the two page change to allow
> the use on the Broadcast Band.
>
> The HT-4 is the ONLY version of these that came with a TU and PA coil
> for 10 meters. The BC-610 "can" be put on 10 meters - CAVEAT - U. S.
> Government found that the radio cabinet/chassis to be crawling with RF.
> This is why THEY did not go for a 10 meter option.

>
> Tuned doublets work fine with these animals. I use either the tuned
> doublets, OR I use the BC-939 with the SPECIFIED wire length.
>
> They are NOT problematic to run. The use of LPFs is a precaution due to
> the fact that they WILL exceed legal power levels, AND exceed the legal
> limit. I found the peaked out by properly dipping the plate, I "could"
> pin the Bird's 2500W scale on Mod peaks. They take a "little" more
> effort than a ham only rig to properly operate.
>
> I have YET to damage one of these wonderful radios. They were in use
> into the latter end of the '60s, and one was used at Arecibo, P.R. to
> communicate back to Ft. Bragg, even a bit later.
>
> Get it up and running RIGHT. IF you are then compelled to play with
> changing things, enjoy. Jim and I are ONLY trying to get YOU going
> right. The ONLY real purpose to the ME-165 is for a shielded dummy
> load. Which we use for initial tune up and dip. Once that is done, you
> can take it out of the RF path. It really was built for the T-368. But
> it does the dummy load job for the approx 400W carrier very well.
>
> No war stories or third hand info given here! Just the facts!
>
> Bob - NoDGN
>
> Greg Farrell wrote:
> >
> > Hi Bob,
> >
> > > More like "WAR" stories or radios that people have needlessly modified.
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> > This is exactly why I ask lots of those pesky questions of you guys. I
> > would like to engineer and implement this installation once, hopefully
> > right the first time ;)
> >
> > > Does it have a coaxial connector on
> > > the side as the BC-610s and T-213s? - OR - Does your's have the two
> > porcelain feed-through with conductor on the left side?
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> > I don't have a date of manufacture for old Serial Number 1882, but its
> > an early "A" model.
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> > > The number of these manufactured for the government is NOT small. >
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> > That's good news.
> >
> > TNX 73
> >
> > Greg
> >
> >
>
> --
> Bob - NØDGN
>
>
>
> [Non-text portions of this message have been removed]
>

# 3779. Re:bc 610

Yahoo group: T-368_BC-610
Date: 2009-03-24 08:12:13 UTC
From: Alan Morriss
Topic: 3779  Message: 3779

hello guys, there is one point we must consider. we are custodians of these beautiful pieces of pre ww2 technology. in a hundred years they will be priceless, and those of us who butcher them about will not be thanked by future generations.i have spent a lot of time undoing mods perpetrated by ignorant amateurs in the 50s when restoring ww2 equipment.
cheers, alan g4gen
----- Original Message -----
From: Greg Farrell
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, March 24, 2009 5:31 AM
Subject: [T-368_BC-610] Re: RF Output Chain with ME-165, Antenna Tuner, Feedlines etc

Well written, Bob. Thank you.

Short bio: 59 years of age. Worked at HP/Agilent RF/Microwave Divisions now almost 35 years. When I was a senior buyer, I managed all the vacuum tube and RF/MW components, including klystrons, Backward Wave and Traveling Wave tubes, YIG oscillators etc. Since a kid, always wanted to become a ham, build a system. I love tubes and having fun doing this. It may take me a year till I flip the switch. Am in no hurry, just want to do it right and hopefully not a lot more money (or my wife will leave me).

Greg
Santa Rosa, CA

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> Greg,
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> HT-4, (AT-2), and the BC-939 (A) & (B) are NOT antenna tuners. They are
> indeed antenna couplers/ When feeding and end fed wire as Jim, WB2FCN,
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> suppression is even mentioned in this documentation dating as far back

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> for 10 meters. The BC-610 "can" be put on 10 meters - CAVEAT - U. S.
> Government found that the radio cabinet/chassis to be crawling with RF.
> This is why THEY did not go for a 10 meter option.
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> communicate back to Ft. Bragg, even a bit later.
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> Get it up and running RIGHT. IF you are then compelled to play with
> changing things, enjoy. Jim and I are ONLY trying to get YOU going
> right. The ONLY real purpose to the ME-165 is for a shielded dummy
> load. Which we use for initial tune up and dip. Once that is done, you
> can take it out of the RF path. It really was built for the T-368. But
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> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

# 3780. Re: [T-368_BC-610] Re:bc 610

Yahoo group: T-368_BC-610
Date: 2009-03-24 15:06:59 UTC
From: Keith Densmore
Topic: 3779  Message: 3780

"mods perpetrated by ignorant amateurs in the 50s" Alan Moriss

Well Alan, I guess I'm one of those 'ignorant amateurs' you like to deride, and I take offense at it. As an impoverished teenager the only real radio I could afford was the Wireless Set No 19. They were available surplus here in Canada by the thousands, the cheapest price was 5.00 as is at a large scrapping yard to 30.00 for one new in the crate. But they were not very ham friendly and required modification to be of much use on the ham bands. We band spreaded them, stabalized the oscillators, put in crystal filters, plate modulators, you name it. I even tried to convert one to DSB!
Who could have possibly known at the time they would some day be treasures? And when you are bashing that generation of amateur, keep in mind this--if it wasn't for us buying and sometimes modifying equipment to use, who else would have bought it??? No one, and it would have all been scrapped.

73,
Keith VE3TS

----- Original Message -----
From: "Alan Morriss" <mohawk@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Tuesday, March 24, 2009 4:12 AM
Subject: [T-368_BC-610] Re:bc 610

hello guys, there is one point we must consider. we are custodians of these beautiful pieces of pre ww2 technology. in a hundred years they will be priceless, and those of us who butcher them about will not be thanked by future generations.i have spent a lot of time undoing mods perpetrated by ignorant amateurs in the 50s when restoring ww2 equipment. cheers, alan
g4gen
----- Original Message -----
From: Greg Farrell
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, March 24, 2009 5:31 AM
Subject: [T-368_BC-610] Re: RF Output Chain with ME-165, Antenna Tuner, Feedlines etc

Well written, Bob. Thank you.

Short bio: 59 years of age. Worked at HP/Agilent RF/Microwave Divisions now almost 35 years. When I was a senior buyer, I managed all the vacuum tube and RF/MW components, including klystrons, Backward Wave and Traveling Wave tubes, YIG oscillators etc. Since a kid, always wanted to become a ham, build a system. I love tubes and having fun doing this. It may take me a year till I flip the switch. Am in no hurry, just want to do it right and hopefully not a lot more money (or my wife will leave me).

Greg
Santa Rosa, CA

--- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@...> wrote:
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> The output of these animals is NOT 50 ohms. The antenna tuners for the
> HT-4, (AT-2), and the BC-939 (A) & (B) are NOT antenna tuners. They are
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Yahoo! Groups Links

# 3781. Re: [T-368_BC-610] Re:bc 610

Yahoo group: T-368_BC-610
Date: 2009-03-24 20:20:00 UTC
From: Alan Morriss
Topic: 3779  Message: 3781

hello keith, well, i being 74 years old was around then. i did all those things, fondly imagining i was improving on the original design. the sets did what they were designed to do, which was not ham radio. i have an 1155 from my schooldays, and never ripped out the df circuits as i considered it vandalism. i am very proud of my 1154/55 station had i butchered the rx this would not be the case. we all know better now, and ww2 radios are valuable antiques. you would not fit castors to a chippendale chair !
i have had my ar88 for over 40 years, and will always regret replacing so many components with modern ones all those years ago. by doing the mods, the eventual destruction of the sets was assured when their shortcomings became a nuisance. cheers, alan
----- Original Message -----
From: Keith Densmore
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, March 24, 2009 3:06 PM
Subject: Re: [T-368_BC-610] Re:bc 610

"mods perpetrated by ignorant amateurs in the 50s" Alan Moriss

Well Alan, I guess I'm one of those 'ignorant amateurs' you like to deride, and I take offense at it. As an impoverished teenager the only real radio I could afford was the Wireless Set No 19. They were available surplus here in Canada by the thousands, the cheapest price was 5.00 as is at a large scrapping yard to 30.00 for one new in the crate. But they were not very ham friendly and required modification to be of much use on the ham bands. We band spreaded them, stabalized the oscillators, put in crystal filters, plate modulators, you name it. I even tried to convert one to DSB!
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From: "Alan Morriss" <mohawk@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Tuesday, March 24, 2009 4:12 AM
Subject: [T-368_BC-610] Re:bc 610

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From: Greg Farrell
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, March 24, 2009 5:31 AM
Subject: [T-368_BC-610] Re: RF Output Chain with ME-165, Antenna Tuner, Feedlines etc

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Short bio: 59 years of age. Worked at HP/Agilent RF/Microwave Divisions now almost 35 years. When I was a senior buyer, I managed all the vacuum tube and RF/MW components, including klystrons, Backward Wave and Traveling Wave tubes, YIG oscillators etc. Since a kid, always wanted to become a ham, build a system. I love tubes and having fun doing this. It may take me a year till I flip the switch. Am in no hurry, just want to do it right and hopefully not a lot more money (or my wife will leave me).

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> [Non-text portions of this message have been removed]
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Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 3782. Re: [T-368_BC-610] Re:bc 610

Yahoo group: T-368_BC-610
Date: 2009-03-24 20:57:12 UTC
From: Todd, KA1KAQ
Topic: 3779  Message: 3782

On Tue, Mar 24, 2009 at 11:06 AM, Keith Densmore
<densmore@...> wrote:
> "mods perpetrated by ignorant amateurs in the 50s" Alan Moriss
>
> Well Alan, I guess I'm one of those 'ignorant amateurs' you like to deride,
> and I take offense at it.

I think Alan has unfortunately made the mistake of looking back at history through today's eyes. While few of us would think of making irreversible mods to a WWII rig today, there was nothing exciting, historical, or collectible about this stuff back then beyond someone actually being able to afford to get on the air with a lot more radio than they could buy new. In fact, as you pointed out Keith, much of it was scrapped for lack of interest. If not for the hams who bought these things and squirreled them away or the surplus shops who bought them by the truckload, we'd not have pristine ART-13s, BC-375, and NIB ARC-5/Command sets still showing up today.

For me, it was the late 70s and a surplus BC-455B Command receiver that went under the knife, a trade from a college professor who wanted an old Radiola III I had (to transistorize, no less!). He helped me rewire the filaments, add a BFO switch and RF gain control, along with a huge mil connector on the back apron to drive an outboard speaker removed from an old Philco console. Looking back now, it seems tragic that I could have done such a hack job to that receiver, but at the time they were still selling for $5 new in the sealed box and wrapper, not rare or exciting in the least bit. The trade off was, I gained not only an appreciation for the history of the gear, but also for its actual functioning abilities. The result has been my slowly accumulating the pieces for a 'complete' (if such a thing exists) ARC-5 station as well as the earlier ARA/ATA versions. No mods this time beyond substitutes for bad components. So the BC-455B served its fellow sets well, and still sees use from time to time on top of that.

The other thing we should keep in mind is that these sets are only attractive to us, radio nuts, or those fascinated by gadgets. How many museums do you know of with a BC-610 on display? What's the likelihood of that number increasing as we go forward? We shouldn't assume that just because we took great pride and care in something, that others will as well. This stuff has been going to the scrap heap for decades, in excellent condition, and will continue to going forward if we don't make other arrangements. We should be looking forward, not backwards, when we think of such matters.

~ Todd, KA1KAQ/4

# 3783. Re: [T-368_BC-610] Re:bc 610

Yahoo group: T-368_BC-610
Date: 2009-03-25 00:40:27 UTC
From: Robert Heaton
Topic: 3779  Message: 3783

Well,you guys hurting for doing mods to priceless antiques.
If i knew how to do it, I would take a deep diving sub and recovery ship out into the atlantic and park it over some secret coordinates, where I helped my uncle sams navy deep six crates of unopen never had the cosomoline wiped off pieces of radio gear.
Pick your favorites. They are there. In quantity.
The story they told us was that should they be released as war surplus, it would put the manufacturers out of business. Flood the market.
Reading the lables, I could have cried.. How about SX28  BC610 SCR...etc..
Soumds almost like todays  "sub [prime" stories. HI/...HI...

73 Bob
.
..
73, BoB.
wb4jpz1@...

--- On Tue, 3/24/09, Alan Morriss <mohawk@...> wrote:

From: Alan Morriss <mohawk@...>
Subject: Re: [T-368_BC-610] Re:bc 610
To: T-368_BC-610@yahoogroups.com
Date: Tuesday, March 24, 2009, 4:20 PM

hello keith, well, i being 74 years old was around then. i did all those things, fondly imagining i was improving on the original design. the sets did what they were designed to do, which was not ham radio. i have an 1155 from my schooldays, and never ripped out the df circuits as i considered it vandalism. i am very proud of my 1154/55 station had i butchered the rx this would not be the case. we all know better now, and ww2 radios are valuable antiques. you would not fit castors to a chippendale chair !
i have had my ar88 for over 40 years, and will always regret replacing so many components with modern ones all those years ago. by doing the mods, the eventual destruction of the sets was assured when their shortcomings became a nuisance. cheers, alan
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Sent: Tuesday, March 24, 2009 3:06 PM
Subject: Re: [T-368_BC-610] Re:bc 610

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Yahoo! Groups Links

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# 3784. Re:bc 610

Yahoo group: T-368_BC-610
Date: 2009-03-25 07:27:15 UTC
From: g3vkm
Topic: 3779  Message: 3784

Hi Bob,

I've been in the offshore survey business for years, running sonars and similar seabed surveying systems for the oil industry. We turn up the odd wreck but I'd guess from the state of them that any SX-28s or BC-610s in the cargo would be beyond help. The dumping of surplus gear at sea has always fascinated me (see the web for places like "Million Dollar Point" for instance) but I hadn't realised until recently how much equipment, stores and munitions were disposed of by burial on land.

Browsing the web, I came across records of UK parliamentary sessions where there were amazing questions asked about, for instance, 10000 RAF RX-TXs being dumped down an old mine shaft in England, some of which were still NIB. Apparently, security at the site was minimal and people were helping themselves as fast as the military could dump the stuff. This was in 1948.

When I started looking more into this subject I found that was just the tip of the iceberg and there were hundreds of sites around the UK alone where stuff was buried or chucked down shafts. Multiply that by a factor of maybe ten for US Forces surplus, add all the captured gear the Allies had and you can see that treasure-hunting on land might be a more profitable venture! Get that metal-detector out!

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, Robert Heaton <wb4jpz1@...> wrote:
>
>
> Well,you guys hurting for doing mods to priceless antiques.
> If i knew how to do it, I would take a deep diving sub and recovery ship out into the atlantic and park it over some secret coordinates, where I helped my uncle sams navy deep six crates of unopen never had the cosomoline wiped off pieces of radio gear.
> Pick your favorites. They are there. In quantity.
> The story they told us was that should they be released as war surplus, it would put the manufacturers out of business. Flood the market.
> Reading the lables, I could have cried.. How about SX28  BC610 SCR...etc..
> Soumds almost like todays  "sub [prime" stories. HI/...HI...
>
> 73 Bob
> .
> ..
> 73, BoB.
> wb4jpz1@...
>
> --- On Tue, 3/24/09, Alan Morriss <mohawk@...> wrote:
>

> From: Alan Morriss <mohawk@...>
> Subject: Re: [T-368_BC-610] Re:bc 610
> To: T-368_BC-610@yahoogroups.com
> Date: Tuesday, March 24, 2009, 4:20 PM
>
>
>
>
>
>
> hello keith, well, i being 74 years old was around then. i did all those things, fondly imagining i was improving on the original design. the sets did what they were designed to do, which was not ham radio. i have an 1155 from my schooldays, and never ripped out the df circuits as i considered it vandalism. i am very proud of my 1154/55 station had i butchered the rx this would not be the case. we all know better now, and ww2 radios are valuable antiques. you would not fit castors to a chippendale chair !
> i have had my ar88 for over 40 years, and will always regret replacing so many components with modern ones all those years ago. by doing the mods, the eventual destruction of the sets was assured when their shortcomings became a nuisance. cheers, alan
> ----- Original Message -----
> From: Keith Densmore
> To: T-368_BC-610@ yahoogroups. com
> Sent: Tuesday, March 24, 2009 3:06 PM
> Subject: Re: [T-368_BC-610] Re:bc 610
>
> "mods perpetrated by ignorant amateurs in the 50s" Alan Moriss
>
> Well Alan, I guess I'm one of those 'ignorant amateurs' you like to deride,
> and I take offense at it. As an impoverished teenager the only real radio I
> could afford was the Wireless Set No 19. They were available surplus here
> in Canada by the thousands, the cheapest price was 5.00 as is at a large
> scrapping yard to 30.00 for one new in the crate. But they were not very
> ham friendly and required modification to be of much use on the ham bands.
> We band spreaded them, stabalized the oscillators, put in crystal filters,
> plate modulators, you name it. I even tried to convert one to DSB!
> Who could have possibly known at the time they would some day be treasures?
> And when you are bashing that generation of amateur, keep in mind this--if
> it wasn't for us buying and sometimes modifying equipment to use, who else
> would have bought it??? No one, and it would have all been scrapped.
>
> 73,
> Keith VE3TS
>
> ----- Original Message -----
> From: "Alan Morriss" <mohawk@clara. co.uk>
> To: <T-368_BC-610@ yahoogroups. com>
> Sent: Tuesday, March 24, 2009 4:12 AM
> Subject: [T-368_BC-610] Re:bc 610
>
> hello guys, there is one point we must consider. we are custodians of these

> beautiful pieces of pre ww2 technology. in a hundred years they will be
> priceless, and those of us who butcher them about will not be thanked by
> future generations. i have spent a lot of time undoing mods perpetrated by
> ignorant amateurs in the 50s when restoring ww2 equipment. cheers, alan
> g4gen
> ----- Original Message -----
> From: Greg Farrell
> To: T-368_BC-610@ yahoogroups. com
> Sent: Tuesday, March 24, 2009 5:31 AM
> Subject: [T-368_BC-610] Re: RF Output Chain with ME-165, Antenna Tuner,
> Feedlines etc
>
> Well written, Bob. Thank you.
>
> Short bio: 59 years of age. Worked at HP/Agilent RF/Microwave Divisions
> now almost 35 years. When I was a senior buyer, I managed all the vacuum
> tube and RF/MW components, including klystrons, Backward Wave and Traveling
> Wave tubes, YIG oscillators etc. Since a kid, always wanted to become a ham,
> build a system. I love tubes and having fun doing this. It may take me a
> year till I flip the switch. Am in no hurry, just want to do it right and
> hopefully not a lot more money (or my wife will leave me).
>
> Greg
> Santa Rosa, CA
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> --- In T-368_BC-610@ yahoogroups. com, rbethman <rbethman@ .> wrote:
> >
> > Greg,
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> > The output of these animals is NOT 50 ohms. The antenna tuners for the
> > HT-4, (AT-2), and the BC-939 (A) & (B) are NOT antenna tuners. They are
> > indeed antenna couplers/ When feeding and end fed wire as Jim, WB2FCN,
> > does. He DOES use the Johnson KW Matchbox. The reason he does this is
> > simply the BC-939 has SPECIFIC wire lengths that they are designed for.
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> > Barrie brought up nichrome wire for the plate lead. Nichrome wire IS
> > resistance wire as is found in toasters. The resistance of this wire
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> > to be wound in a coil, thereby simply creating a heating element.
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> > A parasitic suppressor is composed of copper wire in a coil, with
> > resistor(s) inside the coil to absorb the parasitic oscillations created
> > due to internal capacitance to the final. These are found on 3-500Zs,
> > 4-400s, and 572Bs. (No doubt others)
> >
> > I have the Eimac data sheets and bulletins on the 250TH. NO parasitic
> > suppression is even mentioned in this documentation dating as far back
> > as 1951.
> >

> > My T-213 is a Depot modified BC-610. The ONLY thing I can find is that
> > they removed the porcelain feedthrough and added an SO-239. There are
> > NO Mods by the U.S. Government, EXCEPT for the two page change to allow
> > the use on the Broadcast Band.
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> > Get it up and running RIGHT. IF you are then compelled to play with
> > changing things, enjoy. Jim and I are ONLY trying to get YOU going
> > right. The ONLY real purpose to the ME-165 is for a shielded dummy
> > load. Which we use for initial tune up and dip. Once that is done, you
> > can take it out of the RF path. It really was built for the T-368. But
> > it does the dummy load job for the approx 400W carrier very well.
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> > No war stories or third hand info given here! Just the facts!
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> > Bob - NoDGN
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> > Greg Farrell wrote:
> > >
> > > Hi Bob,
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> > > > More like "WAR" stories or radios that people have needlessly
> modified.
> > >
> > > This is exactly why I ask lots of those pesky questions of you guys. I
> > > would like to engineer and implement this installation once, hopefully
> > > right the first time ;)
> > >
> > > > Does it have a coaxial connector on
> > > > the side as the BC-610s and T-213s? - OR - Does your's have the two
> > > porcelain feed-through with conductor on the left side?
> > >
> > > It has the porcelain feed-throughs. I just uploaded some more photos

> too.
> > >
> > > http://d.yimg. com/kq/groups/ 276946/sn/ 665987221/ name/DSC03889C. jpg
> > > <http://d.yimg. com/kq/groups/ 276946/sn/ 665987221/ name/DSC03889C. jpg>
> > >
> > > I don't have a date of manufacture for old Serial Number 1882, but its
> > > an early "A" model.
> > >
> > > > The number of these manufactured for the government is NOT small. >
> > > NONE of these EVER had a parasitic problem NOR a parasitic suppressor.
> > >
> > > That's good news.
> > >
> > > TNX 73
> > >
> > > Greg
> > >
> > >
> >
> > --
> > Bob - NØDGN
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> Yahoo! Groups Links
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# 3785. Re: [T-368_BC-610] Re:bc 610

Yahoo group: T-368_BC-610
Date: 2009-03-25 09:46:16 UTC
From: Alan Morriss
Topic: 3779  Message: 3785

hi todd, well, as i said, i was also one of them, but never really liked to butcher interesting equipment. that is why i have some pristine gear. i have a complete arc 5 set up which i must get on air and also the scr274. i have restored b2 spy sets,which now fetch around $3000. amateurs had drilled holes in the front panels and fitted modulators etc. they worked fine as they were, and i worked new zealand on mine once.
it is the same with classic cars. some people saw them for what they were and looked after them, others put truck bodies on them etc.
if you consider it, there are probably many more pictures by great masters in existence than bc 610s.
i saved the one owned by roger g3vkm from being scrapped. maybe in a hundred years people will marvel at it ! over the years i collected and stored a great deal of stuff which i have now sold on to good homes.cheers, alan
----- Original Message -----
From: Todd, KA1KAQ
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, March 24, 2009 8:57 PM
Subject: Re: [T-368_BC-610] Re:bc 610

On Tue, Mar 24, 2009 at 11:06 AM, Keith Densmore
<densmore@...> wrote:
> "mods perpetrated by ignorant amateurs in the 50s" Alan Moriss
>
> Well Alan, I guess I'm one of those 'ignorant amateurs' you like to deride,
> and I take offense at it.

I think Alan has unfortunately made the mistake of looking back at history through today's eyes. While few of us would think of making irreversible mods to a WWII rig today, there was nothing exciting, historical, or collectible about this stuff back then beyond someone actually being able to afford to get on the air with a lot more radio than they could buy new. In fact, as you pointed out Keith, much of it was scrapped for lack of interest. If not for the hams who bought these things and squirreled them away or the surplus shops who bought them by the truckload, we'd not have pristine ART-13s, BC-375, and NIB ARC-5/Command sets still showing up today.

For me, it was the late 70s and a surplus BC-455B Command receiver that went under the knife, a trade from a college professor who wanted an old Radiola III I had (to transistorize, no less!). He helped me rewire the filaments, add a BFO switch and RF gain control, along with a huge mil connector on the back apron to drive an outboard speaker removed from an old Philco console. Looking back now, it seems tragic that I could have done such a hack job to that receiver, but at the time they were still selling for $5 new in the sealed box and wrapper, not rare or exciting in the least bit. The trade off was, I gained not only an appreciation for the history of the gear, but also for its

actual functioning abilities. The result has been my slowly accumulating the pieces for a 'complete' (if such a thing exists) ARC-5 station as well as the earlier ARA/ATA versions. No mods this time beyond substitutes for bad components. So the BC-455B served its fellow sets well, and still sees use from time to time on top of that.

The other thing we should keep in mind is that these sets are only attractive to us, radio nuts, or those fascinated by gadgets. How many museums do you know of with a BC-610 on display? What's the likelihood of that number increasing as we go forward? We shouldn't assume that just because we took great pride and care in something, that others will as well. This stuff has been going to the scrap heap for decades, in excellent condition, and will continue to going forward if we don't make other arrangements. We should be looking forward, not backwards, when we think of such matters.

~ Todd, KA1KAQ/4

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# 3786. Re: [T-368_BC-610] Re: RF Output Chain with ME-165, Antenna Tuner, Feedlines etc

Yahoo group: T-368_BC-610
Date: 2009-03-25 12:20:59 UTC
From: Geoff/W5OMR
Topic: 3603  Message: 3786

rbethman wrote:
> Call it personality differences.
>
> Jim and I are trying to get him started initially.
>
> Issues BEYOND the real everyday use of these is NOT helpful in getting a
> youngster to these Beasts up and running.
>
> Does THIS answer your question? These are NOT the normal Ham
> Transmitters. They have their quirks.
>

what difference does it make, if a tube in a tank is a 6146 or an 811?
the same good engineering principals prevail.

> You have done a lot of playing with 259THs and 304TLs in "custom" built
>

Bob, you've been around an awful long time, and while I've only been a
ham for 25 years, obviously -much- the novice to your esteemed career,
would you -please- tell me, as perfectly as you can, what a 259TH is?

(*snicker*)

# 3787. Re: [T-368_BC-610] Re:bc 610

Yahoo group: T-368_BC-610
Date: 2009-03-25 12:39:14 UTC
From: Alan Morriss
Topic: 3779  Message: 3787

hello guys, well, at the asphidistra radio station near me they buried a container load of german gear, including such things as hellschreibers. i know someone who worked there and he showed me where it was buried. on top they dumped several old cars and then filled it over. i bet some of the stuff is salvagable. trouble is that it is now grown over with trees. if i win the lottery i will have an excavation.
by the way it was called asphidistra after the gracie fields song "the biggest asphidistra in the world" as it was the most powerful broadcast station in the world.
it broadcast propaganda , misleading instructions to the luftwaffe and messages to agents. as a young boy building radios it was very morale boosting as you could hardly fail to pick it up. i could receive it using a razor blade and a pencil ! we received a certain amount of attention from the luftwaffe being near it, but they never scored a hit .
cheers, alan
----- Original Message -----
From: g3vkm
To: T-368_BC-610@yahoogroups.com
Sent: Wednesday, March 25, 2009 7:27 AM
Subject: [T-368_BC-610] Re:bc 610

Hi Bob,

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Browsing the web, I came across records of UK parliamentary sessions where there were amazing questions asked about, for instance, 10000 RAF RX-TXs being dumped down an old mine shaft in England, some of which were still NIB. Apparently, security at the site was minimal and people were helping themselves as fast as the military could dump the stuff. This was in 1948.

When I started looking more into this subject I found that was just the tip of the iceberg and there were hundreds of sites around the UK alone where stuff was buried or chucked down shafts. Multiply that by a factor of maybe ten for US Forces surplus, add all the captured gear the Allies had and you can see that treasure-hunting on land might be a more profitable venture! Get that metal-detector out!

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# 3788. Re: [T-368_BC-610] Re:bc 610

Yahoo group: T-368_BC-610
Date: 2009-03-25 15:41:21 UTC
From: jbbeyer
Topic: 3779  Message: 3788

On Mar 25, 2009, at 7:39 AM, Alan Morriss wrote:

> hello guys, well, at the asphidistra radio station near me they
> buried a container load of german gear, including such things as
> hellschreibers.------------
>

This thread is getting long but I just wanted to add my thoughts. I understand the criticism of modifying vintage gear but one really has to have "been there" to appreciate how it all happened. Growing up in the 30's and 40's hardly anyone was ready for the manna from Heaven that appeared after WWII. My Wireless Set 19 (complete in the original overseas shipping containers) came from Gimble's department store bought with paper route money! Unbelievable things were available from the darndest places for pennies on the dollar. Our Conservation Department (now universally known as DNR) ordered some crating lumber from the "Feds" and got a semi-truck full except---the crates were full! Full of tubes! When asked about it the answer was, "Oh just smash and bury them and keep the lumber" I got one of each type, many were transmitting tubes from the early warning radars installed along the English Coast. I also purchased with my paper route money a BC-375-E (complete in the original crates, I might add). When my neighbor returned from the South Pacific and saw it he remarked, "Well, I thought I'd seen the last of those, we used the tubes, 211's, for target practice and buried hundreds of those transmitters with a bulldozer before we left the island". So maybe some of you see why we thought it would last forever. I learned a lot by modifying that stuff and went on to three electrical engineering degrees and a satisfying career, so lighten up guys, it wasn't all bad.
73, Jim Beyer W9ADJ

[Non-text portions of this message have been removed]

# 3789. How were most BC-610's acquired by Hams back then?

Yahoo group: T-368_BC-610
Date: 2009-03-25 20:20:09 UTC
From: kf6pqt
Topic: 3789  Message: 3789

How (or where) did Hams back in the day acquire BC-610's when they
became available on the surplus market? Seems like it would have been
harder to accomplish than it would have been for the smaller radios.

Any neat stories?

Thanks and 73,
Jason kf6pqt

BC-610-I serial # 44

--
--... ...--
http://en.wikipedia.org/wiki/Junk_box
http://kf6pqt.net
http://www.flickr.com/photos/kf6pqt/

# 3790. Re: [T-368_BC-610] How were most BC-610's acquired by Hams back then?

Yahoo group: T-368_BC-610
Date: 2009-03-25 21:08:52 UTC
From: Warren Elly
Topic: 3789  Message: 3790

That's interesting, I have BC-610-I Serial Number 44 ... clearly hand stamped on the card, but then again, mine was made by hallicrafters, order number 3357-PHILA-52
Perhaps yours is from a different Contract or Manufacturer...or something more sinister, like after-market signal corps labels are are work.

73, Warren W1GUD
Tampa

Photos on request...
On Mar 25, 2009, at 4:20 PM, kf6pqt wrote:

> How (or where) did Hams back in the day acquire BC-610's when they
> became available on the surplus market? Seems like it would have been
> harder to accomplish than it would have been for the smaller radios.
>
> Any neat stories?
>
> Thanks and 73,
> Jason kf6pqt
>
> BC-610-I serial # 44
>
> --
> --... ...--
> http://en.wikipedia.org/wiki/Junk_box
> http://kf6pqt.net
> http://www.flickr.com/photos/kf6pqt/
>
>

[Non-text portions of this message have been removed]

# 3791. Re: [T-368_BC-610] How were most BC-610's acquired by Hams back then?

Yahoo group: T-368_BC-610
Date: 2009-03-25 21:21:47 UTC
From: Robert Nickels
Topic: 3789  Message: 3791

kf6pqt wrote:
> How (or where) did Hams back in the day acquire BC-610's when they
> became available on the surplus market?
>
Jason, I'll defer to others who may have more firsthand info, but I'd bet most hams obtained gear like this through the MARS program. At least the only one or two I knew of back in the day did. Army, Navy and Air Force MARS were all very active in the 60's and into the 70's at least, and participation in various activities, such as checking into the various nets held on non-amateur frequencies, conducting phone patches and handling traffic, etc., hams would become eligible to receive surplus equipment. I'm pretty sure it was all on a "loan" basis, but there was probably little chance the military would ask for gear to be returned, especially if the ham remained active in MARS. The Navy MARS coordinator for Nebraska lived near me and I remember him talking about taking a farm truck to the Great Lakes Naval Training Center near Chicago and hauling back a load over gear on a regular basis. I remember teletypes being the hot deal back then, as the newer models weren't readily available.

73, Bob W9RAN

# 3792. Fwd: [T-368_BC-610] Digest Number 1432

Yahoo group: T-368_BC-610
Date: 2009-03-26 17:47:19 UTC
From: kf6pqt
Topic: 3792  Message: 3792

Warren,

Mine was made by Hallicrafters, but clearly a different contract
number, as seen in the picture of the tag that I attached,
3164-PHILA-51-01-c. Unfortunately the "44" doesn't show up.

Since my numbers are lower, is my rig older? do you have an
approximate date of manufacture pinned down for yours?

Thanks and 73,
Jason kf6pqt

Re: How were most BC-610's acquired by Hams back then?

Posted by: "Warren Elly" w1gud@...  greenflame2003

Wed Mar 25, 2009 2:15 pm (PDT)

That's interesting, I have BC-610-I Serial Number 44 ... clearly hand
stamped on the card, but then again, mine was made by hallicrafters,
order number 3357-PHILA-52
Perhaps yours is from a different Contract or Manufacturer...or
something more sinister, like after-market signal corps labels are are
work.

73, Warren W1GUD
Tampa

Photos on request...
On Mar 25, 2009, at 4:20 PM, kf6pqt wrote:

> How (or where) did Hams back in the day acquire BC-610's when they
> became available on the surplus market? Seems like it would have been
> harder to accomplish than it would have been for the smaller radios.
>
> Any neat stories?
>
> Thanks and 73,
> Jason kf6pqt
>
> BC-610-I serial # 44
>
> --
> --... ...--
> http://en.wikipedia.org/wiki/Junk_box
> http://kf6pqt.net
> http://www.flickr.com/photos/kf6pqt/

>
>

# 3793. Re: [T-368_BC-610] Digest Number 1432

Yahoo group: T-368_BC-610
Date: 2009-03-26 18:58:09 UTC
From: wa5cab@cs.com
Topic: 3793  Message: 3793

It doesn't tell you the actual date of delivery but in the standard 1 to 5-digit, 2/3-letter, 2-digit (and optional suffix) Signal Corps Order Number (not Contract Number), the 2-digit portion is the US Federal Fiscal Year. Which from early in the Great Depression until the Reagan Administration began 01 July of the previous calendar year. You can make a rough guess as to where in the year the Order was written from the magnitude of the 1 to 5-digit part. Which started over at 1 each year. Most of the war years (both WW-II and Korea) the sequence number ran over 150,000. For a unit already in production like the BC-610-G or later was at that time, and with only minor changes model to model, I usually guess 30-90 days from order to delivery.

On the duplicate serial number issue, that was rather common. Although as collectors of the maybe 1/2% remaining survivors of the original production we don't run into it very often. Sometimes, if the same contractor got several successive orders for the same thing, serial numbers carried on. Or if orders were simultaneously placed with two or more contractors for the same unit the contractors may have been given a block of numbers (as with the BC-611-F). But sometimes (often?) they just started over at 1. Which is why in many TM's you'll see changes identified by both serial number or range, and order number.

In a message dated 3/26/2009 11:50:17 AM Central Standard Time,
kf6pqt@... writes:
> Warren,
>
> Mine was made by Hallicrafters, but clearly a different contract
> number, as seen in the picture of the tag that I attached,
> 3164-PHILA-51-01-c. Unfortunately the "44" doesn't show up.
>
> Since my numbers are lower, is my rig older? do you have an
> approximate date of manufacture pinned down for yours?
>
> Thanks and 73,
> Jason kf6pqt
>
>
>
> Re: How were most BC-610's acquired by Hams back then?
>
> Posted by: "Warren Elly" w1gud@... greenflame2003
>
> Wed Mar 25, 2009 2:15 pm (PDT)
>
> That's interesting, I have BC-610-I Serial Number 44 ... clearly hand
> stamped on the card, but then again, mine was made by hallicrafters,
> order number 3357-PHILA-52

> Perhaps yours is from a different Contract or Manufacturer...or
> something more sinister, like after-market signal corps labels are are
> work.
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3794. Re: [T-368_BC-610] Digest Number 1432

Yahoo group: T-368_BC-610
Date: 2009-03-26 21:46:39 UTC
From: wa5cab@cs.com
Topic: 3793  Message: 3794

I have no idea why my date comments showed up twice, and even the first time
was hours after I sent it.

In a message dated 3/26/2009 3:34:07 PM Central Standard Time, wa5cab@...
writes:
> It doesn't tell you the actual date of delivery but in the standard 1 to
> 5-digit, 2/3-letter, 2-digit (and optional suffix) Signal Corps Order Number
> (not
> Contract Number), the 2-digit portion is the US Federal Fiscal Year. Which
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3795. Re: [T-368_BC-610] Digest Number 1432

Yahoo group: T-368_BC-610
Date: 2009-03-26 21:52:15 UTC
From: rbethman
Topic: 3793  Message: 3795

Robert,

The last week has been peculiar with THIS list on Yahoo.

Attempting to go to the messages section has been giving results that this list in "not Available at this time".

Bob - N0DGN

wa5cab@... wrote:
>
> I have no idea why my date comments showed up twice, and even the
> first time
> was hours after I sent it.
>
> In a message dated 3/26/2009 3:34:07 PM Central Standard Time,
> wa5cab@... <mailto:wa5cab%40cs.com>
> writes:
> > It doesn't tell you the actual date of delivery but in the standard
> 1 to
> > 5-digit, 2/3-letter, 2-digit (and optional suffix) Signal Corps
> Order Number
> > (not
> > Contract Number), the 2-digit portion is the US Federal Fiscal Year.
> Which
> >
>
> Robert & Susan Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
> [Non-text portions of this message have been removed]
>
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

# 3796. Re: [T-368_BC-610] Re: RF Output Chain with ME-165, Antenna Tuner, Feedlines ...

Yahoo group: T-368_BC-610
Date: 2009-03-24 00:00:12 UTC
From: wa5cab@cs.com
Topic: 3796  Message: 3796

Greg,

I haven't been really following this thread, just reading a post once in a while, as I had other irons in the fire last week and this. And I only vaguely recall that your transmitter might be an HT-4. But, yes, there are adaptors made to go between most coaxial fitting families. Although some of them are moderately expensive if you buy them new today, in surplus they usually aren't too bad. The easiest solution would be to simply use N connectors in the first place but the adaptor N Male to UHF Female is UG-146/U. N Male to BNC Female is UG-201/U. Etc.

The one thing you should never do except in a bonafide life threatening emergency is to solder to connector contacts on the end not made for soldering. Unless you never intend to sell the equipment while you are alive and expect your heirs to send it to the dump when you aren't. There are some connectors that you can solder to the pins or sockets of and later you or someone else can repair the damage but the N Female is not one of them.

On the BC-610's (so applicable to the HT-4), the cable connecting the transmitter to the BC-729 or BC-939 was coaxial with ring lugs both ends. Later BC-939's had an SO-239 installed and the cable changed to lugs one end and PL-259 the other. And of course, later still there was an MWO that installed an SO-239 on the side of the transmitter and the insulated posts were removed (or sometimes just disconnected). So the minimum cost and hassle cable for connecting HT-4 to ME-165 would be a length of RG-8/U terminated one end with ring lugs and the other with an N Male. At low HF the impedance bump caused by the ring lug end isn't significant.

In a message dated 3/23/2009 5:17:39 PM Central Standard Time,
w5omr@... writes:
> >Managed to locate this helpful diagram on QSL
> http://www.qsl.net/n1lo/80mdblet.pdf
> >
> >The ME-168 uses type-N connectors. Is there a handy adapter or way of
> adapting a transmission line from the XMTR output posts to the ME-168?
> >
>
> It's not that critical of a thing at HF. You can solder wires to the
> connector, from the antenna output posts, if you have to use a
> connector. Those devices you are using between the transmitter and the
> transmission line have connectors, and that's fine.
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)

MVPA 9480

[Non-text portions of this message have been removed]

# 3797. Re: [T-368_BC-610] Re: RF Output Chain with ME-165, Antenna Tuner, Feedlines ...

Yahoo group: T-368_BC-610
Date: 2009-03-27 02:15:39 UTC
From: wa5cab@cs.com
Topic: 3796  Message: 3797

This was sent on 23 MAR.

In a message dated 3/26/2009 8:13:22 PM Central Standard Time, wa5cab@...
writes:
> Greg,
>
> I haven't been really following this thread, just reading a post once in a
> while, as I had other irons in the fire last week and this. And I only
> vaguely
> recall that your transmitter might be an HT-4. But, yes, there are adaptors
>
> made to go between most coaxial fitting families. Although some of them are
>
> moderately expensive if you buy them new today, in surplus they usually
> aren't
> too bad. The easiest solution would be to simply use N connectors in the
> first
> place but the adaptor N Male to UHF Female is UG-146/U. N Male to BNC
> Female
> is UG-201/U. Etc.
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3798. Re: Digest Number 1432

Yahoo group: T-368_BC-610
Date: 2009-03-27 06:53:00 UTC
From: g3vkm
Topic: 3793  Message: 3798

Hi Bob,

The following was posted on one of my other Yahoo groups earlier this week:-

"Over the past three weeks we know that some of you have experienced a
few hiccups while using Yahoo! Groups. For this, we're sorry□ we're in
the process of moving to new data centers, a move which should enable us to deliver faster page loads, a more stable system, and an all-around better user experience.

Currently, about 75% of Yahoo! Groups have been moved over to the new
data centers and the remaining 25% of groups will be moved over in
phases between now and March 31st.

As is the case with any move, however, issues sometimes arise, which in this case have resulted in temporary delays or bugs. As a result of
this, some of you may be experiencing a temporary issue accessing your
files and we're working to resolve that now. We're sorry about any
inconvenience caused by these problems; and we appreciate your patience, as we work through these issues in an effort to improve your experience on Yahoo! Groups".

I'm still getting the occasional error message but refeshing a couple of times seems to restore the page.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@...> wrote:
>
> Robert,
>
> The last week has been peculiar with THIS list on Yahoo.
>
> Attempting to go to the messages section has been giving results that
> this list in "not Available at this time".
>
> Bob - N0DGN
>
> wa5cab@... wrote:
> >
> > I have no idea why my date comments showed up twice, and even the
> > first time
> > was hours after I sent it.
> >
> > In a message dated 3/26/2009 3:34:07 PM Central Standard Time,
> > wa5cab@... <mailto:wa5cab%40cs.com>
> > writes:

> > > It doesn't tell you the actual date of delivery but in the standard
> > 1 to
> > > 5-digit, 2/3-letter, 2-digit (and optional suffix) Signal Corps
> > Order Number
> > > (not
> > > Contract Number), the 2-digit portion is the US Federal Fiscal Year.
> > Which
> > >
> >
> > Robert & Susan Downs - Houston
> > wa5cab dot com (Web Store)
> > MVPA 9480
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> --
> Bob - NØDGN
>
>
>
> [Non-text portions of this message have been removed]
>

# 3799. Re: [T-368_BC-610] Re: Digest Number 1432

Yahoo group: T-368_BC-610
Date: 2009-03-27 23:27:39 UTC
From: brronk777@aol.com
Topic: 3793  Message: 3799

In a message dated 3/27/2009 2:55:51 A.M. Eastern Daylight Time,
Roger@... writes:
Hi es tnx fer mny wonderful years on the BC-610 site. Srrowfully I must ask
to be removed from the list/site as I sold my BC-610 last year.
73
de Ron the K -- W1ARS

Give Back
_Yahoo! for Good_
(http://us.lrd.yahoo.com/_ylc=X3oDMTJscDFqZm43BF9TAzk3MzU5NzE0BF9wAzEEZ3JwSWQDMjc2OTQ2BGdy
cHNwSWQDMTcwNTAzNDY5MARzZWMDbmNtb2QEc2xrA2JyYW5
kBHN0aW1lAzEyMzgxMzY5NDA-;_ylg=1/SIG=11314uv3k/**http://brand.yahoo.com/forgoo
d)
Get inspired
by a good cause.

Y! Toolbar
_Get it Free!_
(http://us.lrd.yahoo.com/_ylc=X3oDMTJucG5iMXRzBF9TAzk3MzU5NzE0BF9wAzIEZ3JwSWQDMjc2OTQ2BGdy
cHNwSWQDMTcwNTAzNDY5MARzZWMDbmNtb2QEc2xrA3Rvb2xiYX
IEc3RpbWUDMTIzODEzNjk0MA--;_ylg=1/SIG=11c6dvmk9/**http://toolbar.yahoo.com/?.c
pdl=ygrps)
easy 1-click access
to your groups.

Yahoo! Groups
_Start a group_
(http://groups.yahoo.com/start;_ylc=X3oDMTJuNzdnMzdmBF9TAzk3MzU5NzE0BF9wAzMEZ3JwSWQDMjc2OT
Q2BGdycHNwSWQDMTcwNTAzNDY5MARzZWMDbmNtb2QEc2xrA2d
yb3VwczIEc3RpbWUDMTIzODEzNjk0MA--)
in 3 easy steps.
Connect with others.

.

**********Check all of your email inboxes from anywhere on the web. Try
the new Email Toolbar now!
(http://toolbar.aol.com/mail/download.html?ncid=txtlnkusdown00000027)

[Non-text portions of this message have been removed]

# 3800. Re: RF Output Chain with ME-165, Antenna Tuner, Feedlines ...

Yahoo group: T-368_BC-610
Date: 2009-03-28 00:27:28 UTC
From: Greg Farrell
Topic: 3796  Message: 3800

Bob

>So the minimum cost and hassle cable for connecting HT-4 to ME-165 >would be a length of RG-8/U terminated one end with ring lugs
>and the other with an N Male. At low HF the impedance bump caused by >the ring lug end isn't significant.

Perfect! I have these! Also picked up a right angle type N male - female adapter.

> Robert & Susan Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480

TNX VY 73

Greg
Santa Rosa, CA

# 3801. Re: [T-368_BC-610] Re: RF Output Chain with ME-165, Antenna Tuner, Feedlines ...

Yahoo group: T-368_BC-610
Date: 2009-03-28 01:13:32 UTC
From: Barrie Smith
Topic: 3796  Message: 3801

Bob

>So the minimum cost and hassle cable for connecting HT-4 to ME-165 >would be a length of RG-8/U terminated one end with ring lugs
>and the other with an N Male. At low HF the impedance bump caused by >the ring lug end isn't significant.

Perfect! I have these! Also picked up a right angle type N male - female adapter.

I'd be careful with that right-angle adapter. Some of them are okay, some are junk.

On my HT-4B, I have a SO-239 installed in one of the holes for the ceramic feed throughts (completely reversable mod). My TR relay is installed right there with a male to male UHF adaptor.

Seems to work FB.

73, Barrie, W7ALW
Recent Activity
a.. 1New Members
b.. 33New Photos
Visit Your Group
John McEnroe
on Yahoo! Groups

Join him for the

10 Day Challenge.

Yahoo! Groups
Auto Enthusiast Zone

Love cars? Check out the

Auto Enthusiast Zone

Support Group
Lose lbs together

Share your weight-

loss successes.
.

[Non-text portions of this message have been removed]

# 3802. Re: [T-368_BC-610] Re: Digest Number 1432

Yahoo group: T-368_BC-610
Date: 2009-03-28 01:25:24 UTC
From: Joe Foley
Topic: 3793  Message: 3802

HA!  That's not a good enough reason to leave this list!

You still have a lot to contribute.

Joe, list owner, who doesn't let anyone leave without a good reason!

--- On Fri, 3/27/09, brronk777@... <brronk777@...m> wrote:

From: brronk777@... <brronk777@...>
Subject: Re: [T-368_BC-610] Re: Digest Number 1432
To: T-368_BC-610@yahoogroups.com
Date: Friday, March 27, 2009, 7:27 PM

In a message dated 3/27/2009 2:55:51 A.M. Eastern Daylight Time,

Roger@new-gate. co.uk writes:

Hi es tnx fer mny wonderful years on the BC-610 site. Srrowfully I must ask

to be removed from the list/site as I sold my BC-610 last year.

73

de Ron the K -- W1ARS

Give Back

_Yahoo! for Good_

(http://us.lrd. yahoo.com/ _ylc=X3oDMTJscDF qZm43BF9TAzk3MzU 5NzE0BF9wAzEEZ3J
wSWQDMjc2OTQ2BGd ycHNwSWQDMTcwNTA zNDY5MARzZWMDbmN tb2QEc2xrA2JyYW5

kBHN0aW1lAzEyMzgxMz Y5NDA-;_ylg= 1/SIG=11314uv3k/ **http://brand. yahoo.com/ forgoo

d)

Get inspired

by a good cause.

Y! Toolbar

_Get it Free!_

(http://us.lrd. yahoo.com/ _ylc=X3oDMTJucG5 iMXRzBF9TAzk3MzU 5NzE0BF9wAzIEZ3J
wSWQDMjc2OTQ2BGd ycHNwSWQDMTcwNTA zNDY5MARzZWMDbmN tb2QEc2xrA3Rvb2x iYX

IEc3RpbWUDMTIzODEzN jk0MA--;_ ylg=1/SIG= 11c6dvmk9/ **http://toolbar. yahoo.com/ ?.c

pdl=ygrps)

easy 1-click access

to your groups.

Yahoo! Groups

_Start a group_

(http://groups. yahoo.com/ start;_ylc= X3oDMTJuNzdnMzdm BF9TAzk3MzU5NzE0 BF9wAzMEZ3JwSWQD Mjc2OTQ2BGdycHNw SWQDMTcwNTAzNDY5 MARzZWMDbmNtb2QE c2xrA2d

yb3VwczIEc3RpbWUDMT IzODEzNjk0MA- -)

in 3 easy steps.

Connect with others.

.

********** **Check all of your email inboxes from anywhere on the web. Try

the new Email Toolbar now!

(http://toolbar. aol.com/mail/ download. html?ncid= txtlnkusdown0000 0027)

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3803. Re: [T-368_BC-610] W1NML??

Yahoo group: T-368_BC-610
Date: 2009-03-28 01:49:20 UTC
From: Larry Godek
Topic: 3764  Message: 3803

Try W1ZD@....  he was on the west coast AMI net Wednesday nite IIRC.

Larry
W0OGH

Almost a neighbor but seperated by about 25 miles.

--- On Sun, 3/22/09, redmenaced <redmenaced@...> wrote:
From: redmenaced <redmenaced@...>
Subject: [T-368_BC-610] W1NML??
To: T-368_BC-610@yahoogroups.com
Date: Sunday, March 22, 2009, 8:05 PM

Lock Pingree's E-mail is bouncing, account inactive.

Anyone know what's up with him?

Joe

[Non-text portions of this message have been removed]

# 3804. BC-610 on cw

Yahoo group: T-368_BC-610
Date: 2009-03-29 23:51:46 UTC
From: kf6pqt
Topic: 3804  Message: 3804

I have heard talk that though the BC-610 sounds great on AM, thats not
so much the case on CW.

Is this due to guys using the tuning units without a crystal and getting chirp?

Or even with the crystal, are there keying issues? I've got an FT-171
xtal kludged into my DX-100, and it sounds great! ;)

Thanks and 73,
Jason kf6pqt

--
--... ...--
http://en.wikipedia.org/wiki/Junk_box
http://kf6pqt.net
http://www.flickr.com/photos/kf6pqt/

# 3805. Re: [T-368_BC-610] BC-610 on cw

Yahoo group: T-368_BC-610
Date: 2009-03-30 00:15:48 UTC
From: James M. Walker
Topic: 3804  Message: 3805

Howdy,
I run my BC-610(I) on CW on 40 & 20 meters, using the crystals
for the low end of the bands. On 40 it is 7030 Kc, same Xtal swapped
to the 20 meter TU, gives me 14.060, never had a bad signal report,
even when putting out 400+ watts.

A common problem with new folks hearing a BC-610 on CW is
their AGC is pumping hard, on their latest rice-box, and they don't know
what to do about it.

Having said all that, a description is in order, my CW station, uses a 0 -
130 VAC
25 Amp. variable Transformer (Variac, auto-transformer). The line that runs
to
that gear is direct from the main service entrance, and on its own circuit
breaker.

The "variac" is set to provide a stable 117 VAC to the regular AC input
connector.
I also have a separate line that goes directly to the HV transformer in the
"Beast",
see schematic for the (I) model I set the HV at 2 KV on the 250TH no more,
and
no less. Signal reports are 599 most times in the states, and out to
HI.-land.

Never had any bad signal reports on my units, on AM/CW or FSK w/850 Cycle
shift RTTY.

Of course if the line voltage is a single entry and single source, one might
experience
blinking lights in the house, and with the lights blinking the AC is most
likely
falling in time to the keying sequence, resulting in chirp and drifting down
and back up
in freq.

As usual YMMV
Jim
WB2FCN

----- Original Message -----
From: "kf6pqt" <kf6pqt@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Sunday, March 29, 2009 7:51 PM
Subject: [T-368_BC-610] BC-610 on cw

>I have heard talk that though the BC-610 sounds great on AM, thats not
> so much the case on CW.
>
> Is this due to guys using the tuning units without a crystal and getting
> chirp?
>
> Or even with the crystal, are there keying issues? I've got an FT-171
> xtal kludged into my DX-100, and it sounds great! ;)
>
>
> Thanks and 73,
> Jason kf6pqt
>
> --
> --... ...--
> http://en.wikipedia.org/wiki/Junk_box
> http://kf6pqt.net
> http://www.flickr.com/photos/kf6pqt/
>
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> ------------------------------------
>
> Yahoo! Groups Links
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# 3806. Re: BC-610 on cw

Yahoo group: T-368_BC-610
Date: 2009-03-30 06:49:34 UTC
From: g3vkm
Topic: 3804  Message: 3806

Hi Jason,

It certainly chirps like mad if you use the internal MO but I think the main issue with the crystal oscillator is mains hum on the carrier. When I put my '610 back togther after a major clean-up I fitted an extra 470uF bypass capacitor to the cathode of the CO stage as per the article in the November 2004 Electric Radio by the late N6PY. I can still see a little ripple on the monitor scope but have had no complaints on-air. I use mainly FT-171 rocks, but have found most types work OK, even HC6/U or those tiny ones that Brian, AF4K, sells.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, kf6pqt <kf6pqt@...> wrote:
>
> I have heard talk that though the BC-610 sounds great on AM, thats not
> so much the case on CW.
>
> Is this due to guys using the tuning units without a crystal and getting chirp?
>
> Or even with the crystal, are there keying issues? I've got an FT-171
> xtal kludged into my DX-100, and it sounds great! ;)
>
>
> Thanks and 73,
> Jason kf6pqt
>
> --
> --... ...--
> http://en.wikipedia.org/wiki/Junk_box
> http://kf6pqt.net
> http://www.flickr.com/photos/kf6pqt/
>

# 3807. Re: [T-368_BC-610] BC-610 on cw

Yahoo group: T-368_BC-610
Date: 2009-03-30 09:36:45 UTC
From: Alan Morriss
Topic: 3804  Message: 3807

hello jason, i used my bc 610 in the shelter powered by a diesel generator, and received excellent reports on 14 megs using an xtal. i worked as far as russia and hungary on the whip antenna. however using the tuning unit on 3577 khz in the mo position gave reports of chirp, but not objectionally so. cheers, alan g4gen
----- Original Message -----
From: kf6pqt
To: T-368_BC-610@yahoogroups.com
Sent: Monday, March 30, 2009 12:51 AM
Subject: [T-368_BC-610] BC-610 on cw

I have heard talk that though the BC-610 sounds great on AM, thats not
so much the case on CW.

Is this due to guys using the tuning units without a crystal and getting chirp?

Or even with the crystal, are there keying issues? I've got an FT-171
xtal kludged into my DX-100, and it sounds great! ;)

Thanks and 73,
Jason kf6pqt

--
--... ...--
http://en.wikipedia.org/wiki/Junk_box
http://kf6pqt.net
http://www.flickr.com/photos/kf6pqt/

[Non-text portions of this message have been removed]

# 3808. Re: [T-368_BC-610] BC-610 on cw

Yahoo group: T-368_BC-610
Date: 2009-04-01 13:27:18 UTC
From: Bry Carling
Topic: 3804  Message: 3808

Nice going Jim!

If anyone in the group is interested, I still have some FT171B crystals made for the BC610 transmitter. These are CW band crystals for 160m, 80m, and 40m

Bry, AF4K

From: "James M. Walker" <chejmw@...>

> I run my BC-610(I) on CW on 40 & 20 meters, using the crystals
> for the low end of the bands. On 40 it is 7030 Kc, same Xtal swapped
> to the 20 meter TU, gives me 14.060, never had a bad signal report,
> even when putting out 400+ watts.

# 3809. Re: [T-368_BC-610] Re: BC-610 on cw

Yahoo group: T-368_BC-610
Date: 2009-04-01 13:30:15 UTC
From: Bry Carling
Topic: 3804  Message: 3809

Just to clarify from Roger's message - some of the FT171B crystals
that I have are original WW2 era rocks for the ham bands.
Many of the others contain the smaller HC49 crystals, yet they work
great in the BC610 according to all reports. I test them all thoroughly.

73 de af4k, Bry

From: "g3vkm" <Roger@...>

> Hi Jason,
>
> It certainly chirps like mad if you use the internal MO but I think the main issue with the crystal oscillator is mains hum on the carrier. When I put my '610 back togther after a major clean-up I fitted an extra 470uF bypass capacitor to the cathode of the CO stage as per the article in the November 2004 Electric Radio by the late N6PY. I can still see a little ripple on the monitor scope but have had no complaints on-air. I use mainly FT-171 rocks, but have found most types work OK, even HC6/U or those tiny ones that Brian, AF4K, sells.
>
> 73
>
>
> Roger/G3VKM
>
>
> --- In T-368_BC-610@yahoogroups.com, kf6pqt <kf6pqt@...> wrote:
> >
> > I have heard talk that though the BC-610 sounds great on AM, thats not
> > so much the case on CW.
> >
> > Is this due to guys using the tuning units without a crystal and getting chirp?
> >
> > Or even with the crystal, are there keying issues? I've got an FT-171
> > xtal kludged into my DX-100, and it sounds great! ;)
> >
> >
> > Thanks and 73,
> > Jason kf6pqt
> >
> > --
> > --... ...--
> > http://en.wikipedia.org/wiki/Junk_box
> > http://kf6pqt.net
> > http://www.flickr.com/photos/kf6pqt/
> >
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> Yahoo! Groups Links
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# 3810. Re: [T-368_BC-610] BC-610 on cw

Yahoo group: T-368_BC-610
Date: 2009-04-01 19:17:09 UTC
From: Alan Morriss
Topic: 3804  Message: 3810

hello bry, do you have an xtal for 3577 ? alan g4gen
----- Original Message -----
From: Bry Carling
To: T-368_BC-610@yahoogroups.com
Sent: Wednesday, April 01, 2009 2:27 PM
Subject: Re: [T-368_BC-610] BC-610 on cw

Nice going Jim!

If anyone in the group is interested, I still have some FT171B crystals
made for the BC610 transmitter. These are CW band crystals for
160m, 80m, and 40m

Bry, AF4K

From: "James M. Walker" <chejmw@...>

> I run my BC-610(I) on CW on 40 & 20 meters, using the crystals
> for the low end of the bands. On 40 it is 7030 Kc, same Xtal swapped
> to the 20 meter TU, gives me 14.060, never had a bad signal report,
> even when putting out 400+ watts.

[Non-text portions of this message have been removed]

# 3811. Re: [T-368_BC-610] BC-610 on cw

Yahoo group: T-368_BC-610
Date: 2009-04-01 19:32:48 UTC
From: rbethman
Topic: 3804  Message: 3811

Alan,

Here is the FT-171 segment of Bry's website:

<http://www.af4k.com/FT171_crystals.htm>

Bob - N0DGN

Alan Morriss wrote:
>
> hello bry, do you have an xtal for 3577 ? alan g4gen
> ----- Original Message -----
> From: Bry Carling
> To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> Sent: Wednesday, April 01, 2009 2:27 PM
> Subject: Re: [T-368_BC-610] BC-610 on cw
>
> Nice going Jim!
>
> If anyone in the group is interested, I still have some FT171B crystals
> made for the BC610 transmitter. These are CW band crystals for
> 160m, 80m, and 40m
>
> Bry, AF4K
>
> From: "James M. Walker" <chejmw@... <mailto:chejmw%40buffalo.edu>>
>
> > I run my BC-610(I) on CW on 40 & 20 meters, using the crystals
> > for the low end of the bands. On 40 it is 7030 Kc, same Xtal swapped
> > to the 20 meter TU, gives me 14.060, never had a bad signal report,
> > even when putting out 400+ watts.
>
> [Non-text portions of this message have been removed]
>
>

--
Bob - NØDGN

[Non-text portions of this message have been removed]

# 3812. Re: BC-610 on cw

Yahoo group: T-368_BC-610
Date: 2009-04-01 20:09:43 UTC
From: g3vkm
Topic: 3804  Message: 3812

Hi Alan,

I have a number of standard BC-610 3570 kc rocks and ground one down to 3575 with no trouble, using a piece of glass sheet and some "Barkeeper's Friend" mild scouring powder. I use it regularly on the Dutch SRS channel.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello bry, do you have an xtal for 3577 ? alan g4gen
> ----- Original Message -----
> From: Bry Carling
> To: T-368_BC-610@yahoogroups.com
> Sent: Wednesday, April 01, 2009 2:27 PM
> Subject: Re: [T-368_BC-610] BC-610 on cw
>
>
> Nice going Jim!
>
> If anyone in the group is interested, I still have some FT171B crystals
> made for the BC610 transmitter. These are CW band crystals for
> 160m, 80m, and 40m
>
> Bry, AF4K
>
> From: "James M. Walker" <chejmw@...>
>
> > I run my BC-610(I) on CW on 40 & 20 meters, using the crystals
> > for the low end of the bands. On 40 it is 7030 Kc, same Xtal swapped
> > to the 20 meter TU, gives me 14.060, never had a bad signal report,
> > even when putting out 400+ watts.
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 3813. Re: [T-368_BC-610] Re: BC-610 on cw

Yahoo group: T-368_BC-610
Date: 2009-04-01 20:33:12 UTC
From: Alan Morriss
Topic: 3804  Message: 3813

hello roger, i have one on 3510 which i am going to grind. i have found grade 80 wet or dry paper and a glass sheet is the easiest. i check the freq, grind for a minute and check again. that gives an idea of how long to grind for. it will take a bit of time to up it 67 khz ! cheers, alan
----- Original Message -----
From: g3vkm
To: T-368_BC-610@yahoogroups.com
Sent: Wednesday, April 01, 2009 9:09 PM
Subject: [T-368_BC-610] Re: BC-610 on cw

Hi Alan,

I have a number of standard BC-610 3570 kc rocks and ground one down to 3575 with no trouble, using a piece of glass sheet and some "Barkeeper's Friend" mild scouring powder. I use it regularly on the Dutch SRS channel.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello bry, do you have an xtal for 3577 ? alan g4gen
> ----- Original Message -----
> From: Bry Carling
> To: T-368_BC-610@yahoogroups.com
> Sent: Wednesday, April 01, 2009 2:27 PM
> Subject: Re: [T-368_BC-610] BC-610 on cw
>
>
> Nice going Jim!
>
> If anyone in the group is interested, I still have some FT171B crystals
> made for the BC610 transmitter. These are CW band crystals for
> 160m, 80m, and 40m
>
> Bry, AF4K
>
> From: "James M. Walker" <chejmw@...>
>
> > I run my BC-610(I) on CW on 40 & 20 meters, using the crystals
> > for the low end of the bands. On 40 it is 7030 Kc, same Xtal swapped
> > to the 20 meter TU, gives me 14.060, never had a bad signal report,
> > even when putting out 400+ watts.
>
>

>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 3814. Re: BC-610 on cw

Yahoo group: T-368_BC-610
Date: 2009-04-02 06:51:44 UTC
From: g3vkm
Topic: 3804  Message: 3814

Alan,

Before you do that, let me check my stocks, I may have another couple of 3570 as they were a standard rock in the crystal box, I think. You might find the activity drops a lot if you pull the rock that far.

3570 isn't much use to me as there's a data carrier running there night and day over here in Norfolk - sometimes it's about the only thing I can hear on the CW section!

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello roger, i have one on 3510 which i am going to grind. i have found grade 80 wet or dry paper and a glass sheet is the easiest. i check the freq, grind for a minute and check again. that gives an idea of how long to grind for. it will take a bit of time to up it 67 khz ! cheers, alan
> ----- Original Message -----
> From: g3vkm
> To: T-368_BC-610@yahoogroups.com
> Sent: Wednesday, April 01, 2009 9:09 PM
> Subject: [T-368_BC-610] Re: BC-610 on cw
>
>
> Hi Alan,
>
> I have a number of standard BC-610 3570 kc rocks and ground one down to 3575 with no trouble, using a piece of glass sheet and some "Barkeeper's Friend" mild scouring powder. I use it regularly on the Dutch SRS channel.
>
> 73
>
> Roger/G3VKM
>
> --- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@> wrote:
> >
> > hello bry, do you have an xtal for 3577 ? alan g4gen
> > ----- Original Message -----
> > From: Bry Carling
> > To: T-368_BC-610@yahoogroups.com
> > Sent: Wednesday, April 01, 2009 2:27 PM
> > Subject: Re: [T-368_BC-610] BC-610 on cw
> >
> >

> > Nice going Jim!
> >
> > If anyone in the group is interested, I still have some FT171B crystals
> > made for the BC610 transmitter. These are CW band crystals for
> > 160m, 80m, and 40m
> >
> > Bry, AF4K
> >
> > From: "James M. Walker" <chejmw@>
> >
> > > I run my BC-610(I) on CW on 40 & 20 meters, using the crystals
> > > for the low end of the bands. On 40 it is 7030 Kc, same Xtal swapped
> > > to the 20 meter TU, gives me 14.060, never had a bad signal report,
> > > even when putting out 400+ watts.
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
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>
> [Non-text portions of this message have been removed]
>

# 3815. Re: [T-368_BC-610] Re: BC-610 on cw

Yahoo group: T-368_BC-610
Date: 2009-04-02 07:23:59 UTC
From: Alan Morriss
Topic: 3804  Message: 3815

hello roger, thanks . would you like the 3510 one in exchange ? cheers, alan
----- Original Message -----
From: g3vkm
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, April 02, 2009 7:51 AM
Subject: [T-368_BC-610] Re: BC-610 on cw

Alan,

Before you do that, let me check my stocks, I may have another couple of 3570 as they were a standard rock in the crystal box, I think. You might find the activity drops a lot if you pull the rock that far.

3570 isn't much use to me as there's a data carrier running there night and day over here in Norfolk - sometimes it's about the only thing I can hear on the CW section!

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello roger, i have one on 3510 which i am going to grind. i have found grade 80 wet or dry paper and a glass sheet is the easiest. i check the freq, grind for a minute and check again. that gives an idea of how long to grind for. it will take a bit of time to up it 67 khz ! cheers, alan
> ----- Original Message -----
> From: g3vkm
> To: T-368_BC-610@yahoogroups.com
> Sent: Wednesday, April 01, 2009 9:09 PM
> Subject: [T-368_BC-610] Re: BC-610 on cw
>
>
> Hi Alan,
>
> I have a number of standard BC-610 3570 kc rocks and ground one down to 3575 with no trouble, using a piece of glass sheet and some "Barkeeper's Friend" mild scouring powder. I use it regularly on the Dutch SRS channel.
>
> 73
>
> Roger/G3VKM
>
> --- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@> wrote:
> >
> > hello bry, do you have an xtal for 3577 ? alan g4gen

> > ----- Original Message -----
> > From: Bry Carling
> > To: T-368_BC-610@yahoogroups.com
> > Sent: Wednesday, April 01, 2009 2:27 PM
> > Subject: Re: [T-368_BC-610] BC-610 on cw
> >
> >
> > Nice going Jim!
> >
> > If anyone in the group is interested, I still have some FT171B crystals
> > made for the BC610 transmitter. These are CW band crystals for
> > 160m, 80m, and 40m
> >
> > Bry, AF4K
> >
> > From: "James M. Walker" <chejmw@>
> >
> > > I run my BC-610(I) on CW on 40 & 20 meters, using the crystals
> > > for the low end of the bands. On 40 it is 7030 Kc, same Xtal swapped
> > > to the 20 meter TU, gives me 14.060, never had a bad signal report,
> > > even when putting out 400+ watts.
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 3816. Re: BC-610 on cw

Yahoo group: T-368_BC-610
Date: 2009-04-02 17:57:40 UTC
From: g3vkm
Topic: 3804  Message: 3816

Hi Alan,

OK, I have two 3570, both work fine. I'll drop one in the post after the weekend. No, I have a crystal for 3510 already, do you have anything for Top Band, as I'm looking for rocks to suit the BC-669.

73

Roger

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello roger, thanks . would you like the 3510 one in exchange ? cheers, alan
> ----- Original Message -----
> From: g3vkm
> To: T-368_BC-610@yahoogroups.com
> Sent: Thursday, April 02, 2009 7:51 AM
> Subject: [T-368_BC-610] Re: BC-610 on cw
>
>
> Alan,
>
> Before you do that, let me check my stocks, I may have another couple of 3570 as they were a standard rock in the crystal box, I think. You might find the activity drops a lot if you pull the rock that far.
>
> 3570 isn't much use to me as there's a data carrier running there night and day over here in Norfolk - sometimes it's about the only thing I can hear on the CW section!
>
> 73
>
> Roger/G3VKM
>
> --- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@> wrote:
> >
> > hello roger, i have one on 3510 which i am going to grind. i have found grade 80 wet or dry paper and a glass sheet is the easiest. i check the freq, grind for a minute and check again. that gives an idea of how long to grind for. it will take a bit of time to up it 67 khz ! cheers, alan
> > ----- Original Message -----
> > From: g3vkm
> > To: T-368_BC-610@yahoogroups.com
> > Sent: Wednesday, April 01, 2009 9:09 PM
> > Subject: [T-368_BC-610] Re: BC-610 on cw
> >
> >

> > Hi Alan,
> >
> > I have a number of standard BC-610 3570 kc rocks and ground one down to 3575 with no trouble, using a piece of glass sheet and some "Barkeeper's Friend" mild scouring powder. I use it regularly on the Dutch SRS channel.
> >
> > 73
> >
> > Roger/G3VKM
> >
> > --- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@> wrote:
> > >
> > > hello bry, do you have an xtal for 3577 ? alan g4gen
> > > ----- Original Message -----
> > > From: Bry Carling
> > > To: T-368_BC-610@yahoogroups.com
> > > Sent: Wednesday, April 01, 2009 2:27 PM
> > > Subject: Re: [T-368_BC-610] BC-610 on cw
> > >
> > >
> > > Nice going Jim!
> > >
> > > If anyone in the group is interested, I still have some FT171B crystals
> > > made for the BC610 transmitter. These are CW band crystals for
> > > 160m, 80m, and 40m
> > >
> > > Bry, AF4K
> > >
> > > From: "James M. Walker" <chejmw@>
> > >
> > > > I run my BC-610(I) on CW on 40 & 20 meters, using the crystals
> > > > for the low end of the bands. On 40 it is 7030 Kc, same Xtal swapped
> > > > to the 20 meter TU, gives me 14.060, never had a bad signal report,
> > > > even when putting out 400+ watts.
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
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> > [Non-text portions of this message have been removed]
> >
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>

> [Non-text portions of this message have been removed]
>

# 3817. Re: [T-368_BC-610] Re: BC-610 on cw

Yahoo group: T-368_BC-610
Date: 2009-04-02 18:33:59 UTC
From: Alan Morriss
Topic: 3804  Message: 3817

hello roger, i will look through my 10x crystals, if one of those would work. i am buying a harris rf 3200 for my main rig. they are still current in the us for people like the coastguards etc. cheers, alan
----- Original Message -----
From: g3vkm
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, April 02, 2009 6:57 PM
Subject: [T-368_BC-610] Re: BC-610 on cw

Hi Alan,

OK, I have two 3570, both work fine. I'll drop one in the post after the weekend. No, I have a crystal for 3510 already, do you have anything for Top Band, as I'm looking for rocks to suit the BC-669.

73

Roger

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello roger, thanks . would you like the 3510 one in exchange ? cheers, alan
> ----- Original Message -----
> From: g3vkm
> To: T-368_BC-610@yahoogroups.com
> Sent: Thursday, April 02, 2009 7:51 AM
> Subject: [T-368_BC-610] Re: BC-610 on cw
>
>
> Alan,
>
> Before you do that, let me check my stocks, I may have another couple of 3570 as they were a standard rock in the crystal box, I think. You might find the activity drops a lot if you pull the rock that far.
>
> 3570 isn't much use to me as there's a data carrier running there night and day over here in Norfolk - sometimes it's about the only thing I can hear on the CW section!
>
> 73
>
> Roger/G3VKM
>
> --- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@> wrote:
> >
> > hello roger, i have one on 3510 which i am going to grind. i have found grade 80 wet or dry paper and a glass sheet is the easiest. i check the freq, grind for a minute and check

again. that gives an idea of how long to grind for. it will take a bit of time to up it 67 khz ! cheers, alan
> > ----- Original Message -----
> > From: g3vkm
> > To: T-368_BC-610@yahoogroups.com
> > Sent: Wednesday, April 01, 2009 9:09 PM
> > Subject: [T-368_BC-610] Re: BC-610 on cw
> >
> >
> > Hi Alan,
> >
> > I have a number of standard BC-610 3570 kc rocks and ground one down to 3575 with no trouble, using a piece of glass sheet and some "Barkeeper's Friend" mild scouring powder. I use it regularly on the Dutch SRS channel.
> >
> > 73
> >
> > Roger/G3VKM
> >
> > --- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@> wrote:
> > >
> > > hello bry, do you have an xtal for 3577 ? alan g4gen
> > > ----- Original Message -----
> > > From: Bry Carling
> > > To: T-368_BC-610@yahoogroups.com
> > > Sent: Wednesday, April 01, 2009 2:27 PM
> > > Subject: Re: [T-368_BC-610] BC-610 on cw
> > >
> > >
> > > Nice going Jim!
> > >
> > > If anyone in the group is interested, I still have some FT171B crystals
> > > made for the BC610 transmitter. These are CW band crystals for
> > > 160m, 80m, and 40m
> > >
> > > Bry, AF4K
> > >
> > > From: "James M. Walker" <chejmw@>
> > >
> > > > I run my BC-610(I) on CW on 40 & 20 meters, using the crystals
> > > > for the low end of the bands. On 40 it is 7030 Kc, same Xtal swapped
> > > > to the 20 meter TU, gives me 14.060, never had a bad signal report,
> > > > even when putting out 400+ watts.
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# 3818. Re: BC-610 on cw

Yahoo group: T-368_BC-610
Date: 2009-04-02 21:20:48 UTC
From: g3vkm
Topic: 3804  Message: 3818

Hi Alan,

Have had a couple of those Harris rigs myself, good choice. I have the ops manual on disk somewhere.

73

Roger

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello roger, i will look through my 10x crystals, if one of those would work. i am buying a harris rf 3200 for my main rig. they are still current in the us for people like the coastguards etc. cheers, alan
> ----- Original Message -----
> From: g3vkm
> To: T-368_BC-610@yahoogroups.com
> Sent: Thursday, April 02, 2009 6:57 PM
> Subject: [T-368_BC-610] Re: BC-610 on cw
>
>
> Hi Alan,
>
> OK, I have two 3570, both work fine. I'll drop one in the post after the weekend. No, I have a crystal for 3510 already, do you have anything for Top Band, as I'm looking for rocks to suit the BC-669.
>
> 73
>
> Roger
>
> --- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@> wrote:
> >
> > hello roger, thanks . would you like the 3510 one in exchange ? cheers, alan
> > ----- Original Message -----
> > From: g3vkm
> > To: T-368_BC-610@yahoogroups.com
> > Sent: Thursday, April 02, 2009 7:51 AM
> > Subject: [T-368_BC-610] Re: BC-610 on cw
> >
> >
> > Alan,
> >
> > Before you do that, let me check my stocks, I may have another couple of 3570 as they were a standard rock in the crystal box, I think. You might find the activity drops a lot if you pull the rock that far.

> >
> > 3570 isn't much use to me as there's a data carrier running there night and day over here in Norfolk - sometimes it's about the only thing I can hear on the CW section!
> >
> > 73
> >
> > Roger/G3VKM
> >
> > --- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@> wrote:
> > >
> > > hello roger, i have one on 3510 which i am going to grind. i have found grade 80 wet or dry paper and a glass sheet is the easiest. i check the freq, grind for a minute and check again. that gives an idea of how long to grind for. it will take a bit of time to up it 67 khz ! cheers, alan
> > > ----- Original Message -----
> > > From: g3vkm
> > > To: T-368_BC-610@yahoogroups.com
> > > Sent: Wednesday, April 01, 2009 9:09 PM
> > > Subject: [T-368_BC-610] Re: BC-610 on cw
> > >
> > >
> > > Hi Alan,
> > >
> > > I have a number of standard BC-610 3570 kc rocks and ground one down to 3575 with no trouble, using a piece of glass sheet and some "Barkeeper's Friend" mild scouring powder. I use it regularly on the Dutch SRS channel.
> > >
> > > 73
> > >
> > > Roger/G3VKM
> > >
> > > --- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@> wrote:
> > > >
> > > > hello bry, do you have an xtal for 3577 ? alan g4gen
> > > > ----- Original Message -----
> > > > From: Bry Carling
> > > > To: T-368_BC-610@yahoogroups.com
> > > > Sent: Wednesday, April 01, 2009 2:27 PM
> > > > Subject: Re: [T-368_BC-610] BC-610 on cw
> > > >
> > > >
> > > > Nice going Jim!
> > > >
> > > > If anyone in the group is interested, I still have some FT171B crystals
> > > > made for the BC610 transmitter. These are CW band crystals for
> > > > 160m, 80m, and 40m
> > > >
> > > > Bry, AF4K
> > > >
> > > > From: "James M. Walker" <chejmw@>

> > > >
> > > > > I run my BC-610(I) on CW on 40 & 20 meters, using the crystals
> > > > > for the low end of the bands. On 40 it is 7030 Kc, same Xtal swapped
> > > > > to the 20 meter TU, gives me 14.060, never had a bad signal report,
> > > > > even when putting out 400+ watts.
> > > > >
> > > > >
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> > > > >
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# 3819. Parts

Yahoo group: T-368_BC-610
Date: 2009-04-02 23:36:34 UTC
From: dubtub88
Topic: 3819  Message: 3819

I have a T-368 tank circuit (coil and switch this was a Fair Radio pull) and the dual turns counter for sale. I also have the vacuum plate cap. Send me email if you are interested.

Tim

# 3820. Re: [T-368_BC-610] Parts

Yahoo group: T-368_BC-610
Date: 2009-04-03 01:02:05 UTC
From: David Adams
Topic: 3819  Message: 3820

Hi om  yeah if the price is right i might be intrested what all do u have e-mail me back or call 501-744-4678 david is my name see u later.  wd5bzo@...
--- On Thu, 4/2/09, dubtub88 <dubtub88@...> wrote:
From: dubtub88 <dubtub88@...>
Subject: [T-368_BC-610] Parts
To: T-368_BC-610@yahoogroups.com
Date: Thursday, April 2, 2009, 6:36 PM

I have a T-368 tank circuit (coil and switch this was a Fair Radio pull) and the dual turns counter for sale. I also have the vacuum plate cap. Send me email if you are interested.

Tim

[Non-text portions of this message have been removed]

# 3821. Re: [T-368_BC-610] Re: BC-610 on cw

Yahoo group: T-368_BC-610
Date: 2009-04-03 07:49:16 UTC
From: Alan Morriss
Topic: 3804  Message: 3821

ger, well, you may be able to give me some advice. i want to operate my harris rf 601 auto coupler from it automatically. is there an external connection which would do it ? there is an atu with it, so i thought that might have the right connection. all it needs is to ground the lead to the 601 whilst keying the tx.i will also have to get the proper plug. cheers, alan
----- Original Message -----
From: g3vkm
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, April 02, 2009 10:20 PM
Subject: [T-368_BC-610] Re: BC-610 on cw

Hi Alan,

Have had a couple of those Harris rigs myself, good choice. I have the ops manual on disk somewhere.

73

Roger

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello roger, i will look through my 10x crystals, if one of those would work. i am buying a harris rf 3200 for my main rig. they are still current in the us for people like the coastguards etc. cheers, alan
> ----- Original Message -----
> From: g3vkm
> To: T-368_BC-610@yahoogroups.com
> Sent: Thursday, April 02, 2009 6:57 PM
> Subject: [T-368_BC-610] Re: BC-610 on cw
>
>
> Hi Alan,
>
> OK, I have two 3570, both work fine. I'll drop one in the post after the weekend. No, I have a crystal for 3510 already, do you have anything for Top Band, as I'm looking for rocks to suit the BC-669.
>
> 73
>
> Roger
>
> --- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@> wrote:
> >
> > hello roger, thanks . would you like the 3510 one in exchange ? cheers, alan
> > ----- Original Message -----

> > From: g3vkm
> > To: T-368_BC-610@yahoogroups.com
> > Sent: Thursday, April 02, 2009 7:51 AM
> > Subject: [T-368_BC-610] Re: BC-610 on cw
> >
> >
> > Alan,
> >
> > Before you do that, let me check my stocks, I may have another couple of 3570 as they were a standard rock in the crystal box, I think. You might find the activity drops a lot if you pull the rock that far.
> >
> > 3570 isn't much use to me as there's a data carrier running there night and day over here in Norfolk - sometimes it's about the only thing I can hear on the CW section!
> >
> > 73
> >
> > Roger/G3VKM
> >
> > --- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@> wrote:
> > >
> > > hello roger, i have one on 3510 which i am going to grind. i have found grade 80 wet or dry paper and a glass sheet is the easiest. i check the freq, grind for a minute and check again. that gives an idea of how long to grind for. it will take a bit of time to up it 67 khz ! cheers, alan
> > > ----- Original Message -----
> > > From: g3vkm
> > > To: T-368_BC-610@yahoogroups.com
> > > Sent: Wednesday, April 01, 2009 9:09 PM
> > > Subject: [T-368_BC-610] Re: BC-610 on cw
> > >
> > >
> > > Hi Alan,
> > >
> > > I have a number of standard BC-610 3570 kc rocks and ground one down to 3575 with no trouble, using a piece of glass sheet and some "Barkeeper's Friend" mild scouring powder. I use it regularly on the Dutch SRS channel.
> > >
> > > 73
> > >
> > > Roger/G3VKM
> > >
> > > --- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@> wrote:
> > > >
> > > > hello bry, do you have an xtal for 3577 ? alan g4gen
> > > > ----- Original Message -----
> > > > From: Bry Carling
> > > > To: T-368_BC-610@yahoogroups.com
> > > > Sent: Wednesday, April 01, 2009 2:27 PM
> > > > Subject: Re: [T-368_BC-610] BC-610 on cw

> > > >
> > > >
> > > > Nice going Jim!
> > > >
> > > > If anyone in the group is interested, I still have some FT171B crystals
> > > > made for the BC610 transmitter. These are CW band crystals for
> > > > 160m, 80m, and 40m
> > > >
> > > > Bry, AF4K
> > > >
> > > > From: "James M. Walker" <chejmw@>
> > > >
> > > > > I run my BC-610(I) on CW on 40 & 20 meters, using the crystals
> > > > > for the low end of the bands. On 40 it is 7030 Kc, same Xtal swapped
> > > > > to the 20 meter TU, gives me 14.060, never had a bad signal report,
> > > > > even when putting out 400+ watts.
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# 3822. Re: [T-368_BC-610] Parts

Yahoo group: T-368_BC-610
Date: 2009-04-04 01:13:35 UTC
From: Tim Haake
Topic: 3819  Message: 3822

David,

Thanks for the reply.  I have the entire tank circuit with switch, the dual gear drive with turns counters (no knobs) and the plate vacuum variable.  They all came from Fair Radio back when they had truck loads of T368s.  I went up to Fair and picked out and bought a nice clean unit and then I bought enough spares to literally build another.  I sold all or at least I thought I had sold all of the stuff a few years back.  Anyway I found these few parts up in the attic.  Don't need them.  I'll take $125 plus shipping for all of it.  That is less then I gave Fair for the stuff.  Let me know.

Tim

WA0TSY

---
From: David Adams <wd5bzo@...>
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, April 2, 2009 8:02:05 PM
Subject: Re: [T-368_BC-610] Parts

Hi om  yeah if the price is right i might be intrested what all do u have e-mail me back or call 501-744-4678 david is my name see u later.  wd5bzo@yahoo. com
--- On Thu, 4/2/09, dubtub88 <dubtub88@yahoo. com> wrote:
From: dubtub88 <dubtub88@yahoo. com>
Subject: [T-368_BC-610] Parts
To: T-368_BC-610@ yahoogroups. com
Date: Thursday, April 2, 2009, 6:36 PM

I have a T-368 tank circuit (coil and switch this was a Fair Radio pull) and the dual turns counter for sale. I also have the vacuum plate cap. Send me email if you are interested.

Tim

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[Non-text portions of this message have been removed]

# 3823. Re: [T-368_BC-610] Parts

Yahoo group: T-368_BC-610
Date: 2009-04-05 04:13:25 UTC
From: David Adams
Topic: 3819  Message: 3823

i just saw your last post, figure the shipping and let me know i will take the parts off your hands, i just want to have the spares on hand since i have a working t3 on the air and replacement parts or kind of rare tnx david

--- On Fri, 4/3/09, Tim Haake <dubtub88@...> wrote:

From: Tim Haake <dubtub88@...>
Subject: Re: [T-368_BC-610] Parts
To: T-368_BC-610@yahoogroups.com
Date: Friday, April 3, 2009, 8:13 PM

David,

Thanks for the reply.  I have the entire tank circuit with switch, the dual gear drive with turns counters (no knobs) and the plate vacuum variable.  They all came from Fair Radio back when they had truck loads of T368s.  I went up to Fair and picked out and bought a nice clean unit and then I bought enough spares to literally build another.  I sold all or at least I thought I had sold all of the stuff a few years back.  Anyway I found these few parts up in the attic.  Don't need them.  I'll take $125 plus shipping for all of it.  That is less then I gave Fair for the stuff.  Let me know.

Tim

WA0TSY

---------- --------- --------- --
From: David Adams <wd5bzo@yahoo. com>
To: T-368_BC-610@ yahoogroups. com
Sent: Thursday, April 2, 2009 8:02:05 PM
Subject: Re: [T-368_BC-610] Parts

Hi om  yeah if the price is right i might be intrested what all do u have e-mail me back or call 501-744-4678 david is my name see u later.  wd5bzo@yahoo. com
--- On Thu, 4/2/09, dubtub88 <dubtub88@yahoo. com> wrote:
From: dubtub88 <dubtub88@yahoo. com>
Subject: [T-368_BC-610] Parts
To: T-368_BC-610@ yahoogroups. com
Date: Thursday, April 2, 2009, 6:36 PM

I have a T-368 tank circuit (coil and switch this was a Fair Radio pull) and the dual turns counter for sale. I also have the vacuum plate cap. Send me email if you are interested.

Tim

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 3824. Carbon desk microphones on ebay.

Yahoo group: T-368_BC-610
Date: 2009-04-05 14:10:27 UTC
From: Steve Gomez
Topic: 3824  Message: 3824

There was some discussion on these earlier.
Items 110365092096 and 110365093816 ending this evening.
73,
Steve

# 3825. Re: Carbon desk microphones on ebay.

Yahoo group: T-368_BC-610
Date: 2009-04-05 16:55:27 UTC
From: Greg Farrell
Topic: 3824  Message: 3825

Both look pretty nice, esp. 2096. Wish I'd waited now as the one I got does not have the bottom cover.

TNX Steve

Greg
Santa Rosa, Calif

--- In T-368_BC-610@yahoogroups.com, "Steve Gomez" <SGOMEZ@...> wrote:
>
> There was some discussion on these earlier.
> Items 110365092096 and 110365093816 ending this evening.
> 73,
> Steve
>

# 3826. BC-610-E for sale

Yahoo group: T-368_BC-610
Date: 2009-04-07 18:34:26 UTC
From: Mikhael (Mike) Brown
Topic: 3826  Message: 3826

I have a BC-610-E for sale with the following:

BC-614 Speech Amp
BC-939 Tuner
JB-70 Junction Box (these are very hard to find)
all coils from 160 meters up
all Tuning Units from 160 meters up
KY-116 leg iron and T-50 mic
With all tubes
Original Manual

I located am in Oakhurst, Ca, 50 miles north of Fresno.

Selling it all as one package (asking $1600), PU only, unless you want to arrange packing and shipping.

Pictures available, will email them if you drop me a message.

Contact me offline:
Mike, N6WIG

Mikhael Brown
mikhael@...

# 3827. xtals

Yahoo group: T-368_BC-610
Date: 2009-04-09 18:26:41 UTC
From: Alan Morriss
Topic: 3827  Message: 3827

hello guys, it may be teaching my grandmother to suck eggs, but some of you might be interested in grinding the ft 171 xtals for the 610.
i have just put the 3570 one which roger kindly gave me spot on to 3577.
i recorded the data. using a sheet of 80 grade wet or dry paper wet on a sheet of plate glass.
moving in a figure of 8 it took 1 minute to shift it up 200 hz. this was using light finger pressure.
once this was established it was ground for 5 minutes at a time re assembling it and checking frequency at the end. when it was within 300 hz, it was ground for a minute and a half, and was spot on. cheers, alan g4gen

[Non-text portions of this message have been removed]

# 3828. Re: [T-368_BC-610] Parts

Yahoo group: T-368_BC-610
Date: 2009-04-10 11:42:21 UTC
From: David Adams
Topic: 3819  Message: 3828

--- On Sat, 4/4/09, David Adams <wd5bzo@...> wrote:
From: David Adams <wd5bzo@...>
Subject: Re: [T-368_BC-610] Parts
To: T-368_BC-610@yahoogroups.com
Date: Saturday, April 4, 2009, 11:13 PM

i just saw your last post, figure the shipping and let me know i will take the parts off your hands, i just want to have the spares on hand since i have a working t3 on the air and replacement parts or kind of rare tnx david

--- On Fri, 4/3/09, Tim Haake <dubtub88@yahoo. com> wrote:

From: Tim Haake <dubtub88@yahoo. com>

Subject: Re: [T-368_BC-610] Parts

To: T-368_BC-610@ yahoogroups. com

Date: Friday, April 3, 2009, 8:13 PM

David,

Thanks for the reply.  I have the entire tank circuit with switch, the dual gear drive with turns counters (no knobs) and the plate vacuum variable.  They all came from Fair Radio back when they had truck loads of T368s.  I went up to Fair and picked out and bought a nice clean unit and then I bought enough spares to literally build another.  I sold all or at least I thought I had sold all of the stuff a few years back.  Anyway I found these few parts up in the attic.  Don't need them.  I'll take $125 plus shipping for all of it.  That is less then I gave Fair for the stuff.  Let me know.

Tim

WA0TSY

---------- --------- --------- --

From: David Adams <wd5bzo@yahoo. com>

To: T-368_BC-610@ yahoogroups. com

Sent: Thursday, April 2, 2009 8:02:05 PM

Subject: Re: [T-368_BC-610] Parts

Hi om  yeah if the price is right i might be intrested what all do u have e-mail me back or call 501-744-4678 david is my name see u later.  wd5bzo@yahoo. com

--- On Thu, 4/2/09, dubtub88 <dubtub88@yahoo. com> wrote:

From: dubtub88 <dubtub88@yahoo. com>

Subject: [T-368_BC-610] Parts

To: T-368_BC-610@ yahoogroups. com

Date: Thursday, April 2, 2009, 6:36 PM

I have a T-368 tank circuit (coil and switch this was a Fair Radio pull) and the dual turns counter for sale. I also have the vacuum plate cap. Send me email if you are interested.

Tim

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3829. Just posted to the Milsurplus list

Yahoo group: T-368_BC-610
Date: 2009-04-11 01:33:19 UTC
From: redmenaced
Topic: 3829  Message: 3829

Note the E-mail address at the end, I DO NOT have this stuff, he does.

I have (3) HV Plate Transformers for the T-368 forsale. $230.00 each includes shipping to the lower 48 states.
w2obr@...

# 3830. Re: [T-368_BC-610] Just posted to the Milsurplus list

Yahoo group: T-368_BC-610
Date: 2009-04-11 02:09:04 UTC
From: Barrie Smith
Topic: 3829  Message: 3830

Hello All:

I've Googled my fingers to the bone, checked all the likely sources and still have not found what I need.

Anyone on the list have two (or more) matched, small (10/12 pf max) piston style neutralizing capacitors they would consider parting with?

73, Barrie, W7ALW

[Non-text portions of this message have been removed]

# 3831. Fw: GB> need holy grail tubes (2A3 Subs)

Yahoo group: T-368_BC-610
Date: 2009-04-13 13:32:21 UTC
From: Mark Foltarz
Topic: 3831  Message: 3831

Saw this on Glowbugs. Sounds promising

>
> I have successfully substituted triode connected 1619s for the 2A3 using a
> socket adaptor.  The 1619 is a directly heated, 2.5V filamentary version of
> 1614 (metal 6L6)
> It works well in the BC-610 as well as in my 1937 Seeburg REX Jukebox.
>
> Scott V. Johnson W7SVJ
> 5111 E. Sharon Dr.
> Scottsdale, AZ 85254
> (602) 953-5779
> Cell (480) 682-7219
> scottjohnson1@...
>
> -----Original Message-----
> From: owner-glowbugs@...
> [mailto:owner-glowbugs@...] On Behalf Of Brad Hernlem
> Sent: Saturday, April 11, 2009 11:32 AM
> To: gb
> Subject: Re: GB> need holy grail tubes
>
> Bry Carling wrote:
> > Someone told me that you can buy new Chinese made 2A3 tubes
> > as cheaply as $15.00 each. Some places ask $125.00 each for
> > the same tubes! Caveat Emptor.
> >
> > New Sovtek 2A3 tubes go for about about $20 to $40 each. That's
> > not too bad.  Electroharmonix ones can be brought for $60.00 each -
> > a little pricey.    RCA and G.E. ones can be bought NOS for $65 to $100 or
>
> > more each. Too high foir most smart shoppers.
> >
> > I have seen someone selling a pair of used looking Ken-Rad 2A3 tubes
> > and asking $340.00 for the pair. No way, Jose!
> >
> > In many cases,  you can probably substitute a number of other tubes for
> the
> > 2A3, like n EL34 (or E34L) - 6L6, 6550 etc.
> >
> > "The grail, my Lord!"
> > (He sez he's already  GOT one!)
> >
> Ahh! but do they come in grail shaped glass envelopes?
>

> Brad
> KG6IOE
>
>
> ********** The Glowbugs E-mail List Website is: **********
> ********** http://www.mines.uidaho.edu/~glowbugs/ **********
> *** Send subscribe and unsubscribe requests to this address: ****
> ********** majordomo@... **********
>
>
>
> ********** The Glowbugs E-mail List Website is: **********
> ********** http://www.mines.uidaho.edu/~glowbugs/ **********
> *** Send subscribe and unsubscribe requests to this address: ****
> ********** majordomo@piobaire.mines.uidaho.edu **********

# 3832. Re: Fw: GB> need holy grail tubes (2A3 Subs)

Yahoo group: T-368_BC-610
Date: 2009-04-13 14:34:09 UTC
From: g3vkm
Topic: 3831  Message: 3832

A pair of Chinese 2A3s won't break the bank and sound fine in my '610.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, Mark Foltarz <Foltarz@...> wrote:
>
>
> Saw this on Glowbugs. Sounds promising
>
>
>
>
>
> > I have successfully substituted triode connected 1619s for the 2A3 using a
> > socket adaptor.  The 1619 is a directly heated, 2.5V filamentary version of
> > 1614 (metal 6L6)
> > It works well in the BC-610 as well as in my 1937 Seeburg REX Jukebox.
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> > Scott V. Johnson W7SVJ
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> > (602) 953-5779
> > Cell (480) 682-7219
> > scottjohnson1@...
> >
> > -----Original Message-----
> > From: owner-glowbugs@...
> > [mailto:owner-glowbugs@...] On Behalf Of Brad Hernlem
> > Sent: Saturday, April 11, 2009 11:32 AM
> > To: gb
> > Subject: Re: GB> need holy grail tubes
> >
> > Bry Carling wrote:
> > > Someone told me that you can buy new Chinese made 2A3 tubes
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> > >
> > > New Sovtek 2A3 tubes go for about about $20 to $40 each. That's
> > > not too bad.  Electroharmonix ones can be brought for $60.00 each -
> > > a little pricey.    RCA and G.E. ones can be bought NOS for $65 to $100 or
> >
> > more each. Too high foir most smart shoppers.
> > >
> > > I have seen someone selling a pair of used looking Ken-Rad 2A3 tubes

> > > and asking $340.00 for the pair. No way, Jose!
> > >
> > > In many cases,  you can probably substitute a number of other tubes for
> > the
> > > 2A3, like n EL34 (or E34L) - 6L6, 6550 etc.
> > >
> > > "The grail, my Lord!"
> > > (He sez he's already  GOT one!)
> > >
> > Ahh! but do they come in grail shaped glass envelopes?
> >
> > Brad
> > KG6IOE
> >
> >
> > ********** The Glowbugs E-mail List Website is: **********
> > ********** http://www.mines.uidaho.edu/~glowbugs/ **********
> > *** Send subscribe and unsubscribe requests to this address: ****
> > ********** majordomo@... **********
> >
> >
> >
> > ********** The Glowbugs E-mail List Website is: **********
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> > *** Send subscribe and unsubscribe requests to this address: ****
> > ********** majordomo@... **********
>

# 3833. Re: [T-368_BC-610] Fw: GB> need holy grail tubes (2A3 Subs)

Yahoo group: T-368_BC-610
Date: 2009-04-13 15:27:31 UTC
From: george portell
Topic: 3831  Message: 3833

good sub scott,bro geo w8qbg.

--- On Mon, 4/13/09, Mark Foltarz <Foltarz@rocketmail.com> wrote:

From: Mark Foltarz <Foltarz@...>
Subject: [T-368_BC-610] Fw: GB> need holy grail tubes (2A3 Subs)
To: T-368_BC-610@yahoogroups.com
Date: Monday, April 13, 2009, 7:32 AM

Saw this on Glowbugs. Sounds promising

>
> I have successfully substituted triode connected 1619s for the 2A3 using a
> socket adaptor.  The 1619 is a directly heated, 2.5V filamentary version of
> 1614 (metal 6L6)
> It works well in the BC-610 as well as in my 1937 Seeburg REX Jukebox.
>
> Scott V. Johnson W7SVJ
> 5111 E. Sharon Dr.
> Scottsdale, AZ 85254
> (602) 953-5779
> Cell (480) 682-7219
> scottjohnson1@ cox.net
>
> -----Original Message-----
> From: owner-glowbugs@ piobaire. mines.uidaho. edu
> [mailto:owner-glowbugs@ piobaire. mines.uidaho. edu] On Behalf Of Brad Hernlem
> Sent: Saturday, April 11, 2009 11:32 AM
> To: gb
> Subject: Re: GB> need holy grail tubes
>
> Bry Carling wrote:
> > Someone told me that you can buy new Chinese made 2A3 tubes
> > as cheaply as $15.00 each. Some places ask $125.00 each for
> > the same tubes! Caveat Emptor.
> >
> > New Sovtek 2A3 tubes go for about about $20 to $40 each. That's
> > not too bad.  Electroharmonix ones can be brought for $60.00 each -
> > a little pricey.    RCA and G.E. ones can be bought NOS for $65 to $100 or
>
> > more each. Too high foir most smart shoppers.
> >
> > I have seen someone selling a pair of used looking Ken-Rad 2A3 tubes
> > and asking $340.00 for the pair. No way, Jose!
> >
> > In many cases,  you can probably substitute a number of other tubes for

> the
> > 2A3, like n EL34 (or E34L) - 6L6, 6550 etc.
> >
> > "The grail, my Lord!"
> > (He sez he's already  GOT one!)
> >
> Ahh! but do they come in grail shaped glass envelopes?
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> Brad
> KG6IOE
>
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> ********** The Glowbugs E-mail List Website is: ********** ***
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> *** Send subscribe and unsubscribe requests to this address: ****
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[Non-text portions of this message have been removed]

# 3834. Re: [T-368_BC-610] BC-610-E for sale

Yahoo group: T-368_BC-610
Date: 2009-04-13 19:48:01 UTC
From: Larry Godek
Topic: 3826  Message: 3834

Holy Shit Mike?

But it might just be worth it.  I've been wanting one but that's way beyond what i could come up with.  Good luck and maybe we'll see you at MRCG.

larry
W0OGH

--- On Tue, 4/7/09, Mikhael (Mike) Brown <mikhael@...> wrote:
From: Mikhael (Mike) Brown <mikhael@...>
Subject: [T-368_BC-610] BC-610-E for sale
To: T-368_BC-610@yahoogroups.com
Date: Tuesday, April 7, 2009, 11:34 AM

I have a BC-610-E for sale with the following:

BC-614 Speech Amp

BC-939 Tuner

JB-70 Junction Box (these are very hard to find)

all coils from 160 meters up

all Tuning Units from 160 meters up

KY-116 leg iron and T-50 mic

With all tubes

Original Manual

I located am in Oakhurst, Ca, 50 miles north of Fresno.

Selling it all as one package (asking $1600), PU only, unless you want to arrange packing and shipping.

Pictures available, will email them if you drop me a message.

Contact me offline:

Mike, N6WIG

Mikhael Brown

mikhael@brown. org

[Non-text portions of this message have been removed]

# 3835. Re: [T-368_BC-610] BC-610-E for sale

Yahoo group: T-368_BC-610
Date: 2009-04-13 20:16:08 UTC
From: Alan Morriss
Topic: 3826  Message: 3835

seems a fair price to me, about what one fetches this side of the pond. cheers, alan g4gen
----- Original Message -----
From: Larry Godek
To: T-368_BC-610@yahoogroups.com
Sent: Monday, April 13, 2009 8:48 PM
Subject: Re: [T-368_BC-610] BC-610-E for sale

Holy Shit Mike?

But it might just be worth it. I've been wanting one but that's way beyond what i could come up with. Good luck and maybe we'll see you at MRCG.

larry
W0OGH

--- On Tue, 4/7/09, Mikhael (Mike) Brown <mikhael@...> wrote:
From: Mikhael (Mike) Brown <mikhael@...>
Subject: [T-368_BC-610] BC-610-E for sale
To: T-368_BC-610@yahoogroups.com
Date: Tuesday, April 7, 2009, 11:34 AM

I have a BC-610-E for sale with the following:

BC-614 Speech Amp

BC-939 Tuner

JB-70 Junction Box (these are very hard to find)

all coils from 160 meters up

all Tuning Units from 160 meters up

KY-116 leg iron and T-50 mic

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Original Manual

I located am in Oakhurst, Ca, 50 miles north of Fresno.

Selling it all as one package (asking $1600), PU only, unless you want to arrange packing and shipping.

Pictures available, will email them if you drop me a message.

Contact me offline:

Mike, N6WIG

Mikhael Brown

mikhael@brown. org

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3836. bc610 i model,bc610 e model,t-368 c model for sale

Yahoo group: T-368_BC-610
Date: 2009-04-15 01:18:23 UTC
From: w8qbg
Topic: 3836  Message: 3836

all three of these transmitters are for sale the 610`s come with tuning units and coils for 160,75,40 meters they both have speech amps with ptt also mic`s are included also additional external vfo heath/johnson all cords ect these are operating radios.i will demo pick up only in mesa az or i will work with your shipper.the t-3 has a tuning chart for 160,75,40 meters, also mike also included.prices are $1400.00 for the 610`s and $1800.00 for the t-3 all are on steel casters.i can provide pictures.if interested.

# 3837. Re: [T-368_BC-610] bc610 i model,bc610 e model,t-368 c model for sale

Yahoo group: T-368_BC-610
Date: 2009-04-15 02:13:42 UTC
From: wa5cab@cs.com
Topic: 3836  Message: 3837

I wish that all of you people claiming to have a T-3 really did, instead of just being cutesy. Like referring to a T-47 as "an ART-13" and claiming falsely to have one. T-3/FRT apparently never went into production but one source indicates it was to have had push-pull 750TH's and an output of 6 KW. A T-368 or BC-610 might have barely served as an exciter. Maybe. I'd like to see a T-3. I once ran and worked on a TDH. Single 750TH. Interesting set (but only 3 KW). To perform weekly PMS you tagged out all the breakers, opened a door and walked into it. NAV-8 inherited one from 8-ND. AFAIK, I'm the last sailor who ever operated it.

I'm sure that W8QBG's T-368/URT is a nice unit, whichever of the six different models it actually is. But it is not a T-3 and neither are the dozens of others referred to over the past several years.

In a message dated 4/14/2009 8:19:45 PM Central Daylight Time,
w8qbg@... writes:
> all three of these transmitters are for sale the 610`s come with tuning
> units and coils for 160,75,40 meters they both have speech amps with ptt
> also mic`s are included also additional external vfo heath/johnson all cords
> ect these are operating radios.i will demo pick up only in mesa az or i will
> work with your shipper.the t-3 has a tuning chart for 160,75,40 meters,
> also mike also included.prices are $1400.00 for the 610`s and $1800.00 for
> the t-3 all are on steel casters.i can provide pictures.if interested.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3838. Re: [T-368_BC-610] bc610 i model,bc610 e model,t-368 c model for sale

Yahoo group: T-368_BC-610
Date: 2009-04-15 02:35:28 UTC
From: george portell
Topic: 3836  Message: 3838

sri i said t-3 instead of t-368 c but i did put it in the subject space and took it for granted that everyone would understand that t-3 ment t-368,by the way i have 3 t-368`s and 5 bc610`s in my collection all in running condition tnx bro geo w8qbg.

--- On Tue, 4/14/09, wa5cab@... <wa5cab@cs.com> wrote:

From: wa5cab@... <wa5cab@...>
Subject: Re: [T-368_BC-610] bc610 i model,bc610 e model,t-368 c model for sale
To: T-368_BC-610@yahoogroups.com
Date: Tuesday, April 14, 2009, 8:13 PM

I wish that all of you people claiming to have a T-3 really did, instead of
just being cutesy. Like referring to a T-47 as "an ART-13" and claiming
falsely to have one. T-3/FRT apparently never went into production but one
source indicates it was to have had push-pull 750TH's and an output of 6 KW.
A T-368 or BC-610 might have barely served as an exciter. Maybe. I'd like
to see a T-3. I once ran and worked on a TDH. Single 750TH. Interesting
set (but only 3 KW). To perform weekly PMS you tagged out all the breakers,
opened a door and walked into it. NAV-8 inherited one from 8-ND. AFAIK,
I'm the last sailor who ever operated it.

I'm sure that W8QBG's T-368/URT is a nice unit, whichever of the six
different models it actually is. But it is not a T-3 and neither are the dozens
of others referred to over the past several years.

In a message dated 4/14/2009 8:19:45 PM Central Daylight Time,
w8qbg@yahoo. com writes:
> all three of these transmitters are for sale the 610`s come with tuning
> units and coils for 160,75,40 meters they both have speech amps with ptt
> also mic`s are included also additional external vfo heath/johnson all cords
> ect these are operating radios.i will demo pick up only in mesa az or i will
> work with your shipper.the t-3 has a tuning chart for 160,75,40 meters,
> also mike also included.prices are $1400.00 for the 610`s and $1800.00 for
> the t-3 all are on steel casters.i can provide pictures.if interested.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3839. Re: bc610 i model,bc610 e model,t-368 c model for sale

Yahoo group: T-368_BC-610
Date: 2009-04-15 03:09:00 UTC
From: aa5it
Topic: 3836  Message: 3839

THANK YOU!!
Somebody ELSE said it!

73

--- In T-368_BC-610@yahoogroups.com, wa5cab@... wrote:
>
> I wish that all of you people claiming to have a T-3 really did, instead of
> just being cutesy. Like referring to a T-47 as "an ART-13" and claiming
> falsely to have one. T-3/FRT apparently never went into production but one
> source indicates it was to have had push-pull 750TH's and an output of 6 KW.
> A T-368 or BC-610 might have barely served as an exciter. Maybe. I'd like
> to see a T-3. I once ran and worked on a TDH. Single 750TH. Interesting
> set (but only 3 KW). To perform weekly PMS you tagged out all the breakers,
> opened a door and walked into it. NAV-8 inherited one from 8-ND. AFAIK,
> I'm the last sailor who ever operated it.
>
> I'm sure that W8QBG's T-368/URT is a nice unit, whichever of the six
> different models it actually is. But it is not a T-3 and neither are the dozens
> of others referred to over the past several years.
>
> In a message dated 4/14/2009 8:19:45 PM Central Daylight Time,
> w8qbg@... writes:
> > all three of these transmitters are for sale the 610`s come with tuning
> > units and coils for 160,75,40 meters they both have speech amps with ptt
> > also mic`s are included also additional external vfo heath/johnson all cords
> > ect these are operating radios.i will demo pick up only in mesa az or i will
> > work with your shipper.the t-3 has a tuning chart for 160,75,40 meters,
> > also mike also included.prices are $1400.00 for the 610`s and $1800.00 for
> > the t-3 all are on steel casters.i can provide pictures.if interested.
>
> Robert Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
>
> [Non-text portions of this message have been removed]
>

# 3840. Re: [T-368_BC-610] Re: bc610 i model,bc610 e model,t-368 c model for sale

Yahoo group: T-368_BC-610
Date: 2009-04-15 05:30:08 UTC
From: wa5cab@cs.com
Topic: 3836  Message: 3840

You're welcome.

I've been referred to more than once as a nomenclature nut. But the intelligent human mind is easily capable of differentiating between for example AN/ARC-5 and SCR-274-N and there is no excuse for pretending that they are the same things as except for the dynamotors and some of the connectors they were not. The people who lumped them together after the War were either just too young or just too stupid to serve.

Anyway, the tendency on this list for people to call a T-368 a T-3 has aggravated me for years. No one ever calls a BC-610 a B-6 so why should they call a T-368 a T-3? Especially as there was (briefly) a T-3 that had absolute ly nothing in common with the T-368 except that they were both HF radio transmitters. It's just cutesy laziness.

And again, absolutely nothing against the T-368-C that was offered for sale. Other than that it should have been described as a T-368-C.

And I'm going to bed.

In a message dated 4/14/2009 10:09:34 PM Central Daylight Time, aa5it@... writes:
> THANK YOU!!
> Somebody ELSE said it!
>
>
> 73
>
>
> --- In T-368_BC-610@yahoogroups.com, wa5cab@... wrote:
> >
> >I wish that all of you people claiming to have a T-3 really did, instead
> of
> >just being cutesy. Like referring to a T-47 as "an ART-13" and claiming
> >falsely to have one. T-3/FRT apparently never went into production but
> one
> >source indicates it was to have had push-pull 750TH's and an output of 6
> KW.
> >A T-368 or BC-610 might have barely served as an exciter. Maybe. I'd
> like
> >to see a T-3. I once ran and worked on a TDH. Single 750TH.
> Interesting
> >set (but only 3 KW). To perform weekly PMS you tagged out all the
> breakers,
> >opened a door and walked into it. NAV-8 inherited one from 8-ND. AFAIK,

>
> >I'm the last sailor who ever operated it.
> >
> >I'm sure that W8QBG's T-368/URT is a nice unit, whichever of the six
> >different models it actually is. But it is not a T-3 and neither are the
> dozens
> >of others referred to over the past several years.
> >
> >In a message dated 4/14/2009 8:19:45 PM Central Daylight Time,
> >w8qbg@... writes:
> >>all three of these transmitters are for sale the 610`s come with tuning
> >>units and coils for 160,75,40 meters they both have speech amps with ptt
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> >>also mic`s are included also additional external vfo heath/johnson all
> cords
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> >>the t-3 all are on steel casters.i can provide pictures.if interested.

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3841. Re: [T-368_BC-610] Re: bc610 i model,bc610 e model,t-368 c model for sale

Yahoo group: T-368_BC-610
Date: 2009-04-15 14:43:46 UTC
From: Todd, KA1KAQ
Topic: 3836  Message: 3841

On Wed, Apr 15, 2009 at 1:30 AM, <wa5cab@...> wrote:

> Anyway, the tendency on this list for people to call a T-368 a T-3 has
> aggravated me for years. No one ever calls a BC-610 a B-6 so why should they
> call a T-368 a T-3?

No, but you often hear them referred to online, on air, and otherwise
as '610s' and no one seems to get confused or object. Many folks refer
to the Johnson Viking Kilowatt as the 'Desk Kilowatt' despite that not
being its correct nomenclature, yet everyone seems to know what it is.
Not saying it's right or accurate, mind you.

Especially as there was (briefly) a T-3 that had
> absolute
> ly nothing in common with the T-368 except that they were both HF radio
> transmitters. It's just cutesy laziness.

If the T-3 existed to the point of confusion, that'd be one thing. If
it really bothers you guys, you should be actively discouraging the
use of 'R-390 non-A'. Now there's a back-asswards term just screaming
to be dispelled. Following that mentality, you'd have to refer to all
previously-nomenclatured rigs as non-whatever, despite the fact that
they came first and are the only reason the later model exists. Like a
BC-610 non-B non-C non-D non-E, for example. Or the infamous KWM-2
non-A, SX-28 non-A, etc. Describing something by what it isn't. Now,
there's some new-age intellect for you.

The excuse has always been made that since the sets 'look a lot
alike', it's okay. Nevermind that the R-390 came first, the A was the
updated, cost-reduced model, and was given the 'A' designation to
indicate this. Used to be they were all called R-390s, which at least
is more accurate since there's no such thing as a 'non-A'.

The real downside is that it gets passed on to the newbs who come
along and hear it without knowing any better. At least they can do the
research online to find accurate information, if they so choose.

Maybe it's a secret type of LID filter? (o:

~ Todd, KA1KAQ/4

# 3842. Re: [T-368_BC-610] Re: bc610 i model,bc610 e model,t-368 c model for sale

Yahoo group: T-368_BC-610
Date: 2009-04-15 15:03:48 UTC
From: george portell
Topic: 3836  Message: 3842

pickey,pickey sounds like old farts venting their empty minds ,t-368`s have been called t-3 by us gi`s for a very long time it just shows your ignorance ,flair on and let every one else know about your stupidity.bro geo w8qbg.

--- On Wed, 4/15/09, Todd, KA1KAQ <ka1kaq@...> wrote:

From: Todd, KA1KAQ <ka1kaq@...>
Subject: Re: [T-368_BC-610] Re: bc610 i model,bc610 e model,t-368 c model for sale
To: T-368_BC-610@yahoogroups.com
Date: Wednesday, April 15, 2009, 8:43 AM

On Wed, Apr 15, 2009 at 1:30 AM, <wa5cab@...> wrote:

> Anyway, the tendency on this list for people to call a T-368 a T-3 has
> aggravated me for years. No one ever calls a BC-610 a B-6 so why should they
> call a T-368 a T-3?

No, but you often hear them referred to online, on air, and otherwise
as '610s' and no one seems to get confused or object. Many folks refer
to the Johnson Viking Kilowatt as the 'Desk Kilowatt' despite that not
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Especially as there was (briefly) a T-3 that had
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> ly nothing in common with the T-368 except that they were both HF radio
> transmitters. It's just cutesy laziness.

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it really bothers you guys, you should be actively discouraging the
use of 'R-390 non-A'. Now there's a back-asswards term just screaming
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previously-nomencla tured rigs as non-whatever, despite the fact that
they came first and are the only reason the later model exists. Like a
BC-610 non-B non-C non-D non-E, for example. Or the infamous KWM-2
non-A, SX-28 non-A, etc. Describing something by what it isn't. Now,
there's some new-age intellect for you.

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alike', it's okay. Nevermind that the R-390 came first, the A was the
updated, cost-reduced model, and was given the 'A' designation to
indicate this. Used to be they were all called R-390s, which at least
is more accurate since there's no such thing as a 'non-A'.

The real downside is that it gets passed on to the newbs who come
along and hear it without knowing any better. At least they can do the

research online to find accurate information, if they so choose.

Maybe it's a secret type of LID filter? (o:

~ Todd, KA1KAQ/4

[Non-text portions of this message have been removed]

# 3843. Re: [T-368_BC-610] Re: bc610 i model,bc610 e model,t-368 c model for sale

Yahoo group: T-368_BC-610
Date: 2009-04-15 15:06:38 UTC
From: george portell
Topic: 3836  Message: 3843

go to bed and let it rest maby you will wake up in a more sound mood?,pickey pickey ,bro geo w8qbg..

--- On Tue, 4/14/09, wa5cab@... <wa5cab@...> wrote:

From: wa5cab@... <wa5cab@...>
Subject: Re: [T-368_BC-610] Re: bc610 i model,bc610 e model,t-368 c model for sale
To: T-368_BC-610@yahoogroups.com
Date: Tuesday, April 14, 2009, 11:30 PM

You're welcome.

I've been referred to more than once as a nomenclature nut. But the intelligent human mind is easily capable of differentiating between for example AN/ARC-5 and SCR-274-N and there is no excuse for pretending that they are the same things as except for the dynamotors and some of the connectors they were not. The people who lumped them together after the War were either just too young or just too stupid to serve.

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And again, absolutely nothing against the T-368-C that was offered for sale. Other than that it should have been described as a T-368-C.

And I'm going to bed.

In a message dated 4/14/2009 10:09:34 PM Central Daylight Time, aa5it@... writes:
> THANK YOU!!
> Somebody ELSE said it!
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>
> 73
>
>
> --- In T-368_BC-610@ yahoogroups. com, wa5cab@... wrote:
> >
> >I wish that all of you people claiming to have a T-3 really did, instead
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> >just being cutesy. Like referring to a T-47 as "an ART-13" and claiming
> >falsely to have one. T-3/FRT apparently never went into production but

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> >source indicates it was to have had push-pull 750TH's and an output of 6
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> >I'm the last sailor who ever operated it.
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> >of others referred to over the past several years.
> >
> >In a message dated 4/14/2009 8:19:45 PM Central Daylight Time,
> >w8qbg@... writes:
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> >>also mike also included.prices are $1400.00 for the 610`s and $1800.00
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> >>the t-3 all are on steel casters.i can provide pictures.if interested.

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

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# 3844. Re: [T-368_BC-610] Re: bc610 i model,bc610 e model,t-368 c model for sale

Yahoo group: T-368_BC-610
Date: 2009-04-16 00:44:33 UTC
From: Geoff/W5OMR
Topic: 3836  Message: 3844

Todd, KA1KAQ wrote:
> The real downside is that it gets passed on to the newbs who come
> along and hear it without knowing any better. At least they can do the
> research online to find accurate information, if they so choose.
>
> Maybe it's a secret type of LID filter? (o:

Has anyone listened to V/UHF recently? Especially on a popular repeater which seems to attract more people.

These days, with the Technician being the entry level license, you hear things like "KE5XYZ mobile and monitoring". Well, duh! What ELSE are you gonna be doing? If you just toss your call out there "W5OMR Mobile", then someone will -know- you're around, and if they desire, can call you. And nowadays, I hear the newbs say "KE5XYZ MONITORING!", with a little bit of 'attitude' tossed in as if to say "I'm -here-, damnit! SOMEONE Talk to me!" So, an old salt has pity, calls him up, and invariably listens to a minute or two of the station lamenting that 'no one ever comes back to my calls...' hey, dumb-ass! You didn't MAKE a call!

Oh, and lets not forget that the 'newb', now that he is 'in Que-so with ya' has to tell ya that their 'first personal is...' ~sigh~

How about these knuckle heads that break into the middle of an existing conversation between a couple of hams who are having an intelligent discussion about something particular, and some newb jumps in the middle, and says "KE5XYZ Monitoring" ... in the middle of someone's conversation ... and when it's turned to the breaking station, the newb then offers "Oh, I just wanted to wave a hand at ya, and let ya know I was listening!", contributing absolutely ZERO to the conversation.

My point is, probably the same as Todd's... if you wanna bitch about something, chose something worthwhile. Whether someone calls a T-368 a T-3, or a BC-610 a '610 is so minute, compared to the -real- problems that are out there in Radio Land.

I get aggravated, still, when someone says that 'to modulate a 100w carrier, you need 50w of modulator power'.
This is true, if we're modulating our carrier with a sine wave. We don't speak in sine waves. The human voice is a complex of vocal harmonics and frequencies that rise and fall far beyond what a plain ol' sine wave does. Couple that with the natural asymmetricalness of the typical male voice and it's easy to see that more AC voltage is required to faithfully reproduce our voice in the final amplifier stage.

so, hey! 3's and 8's and all dem good numbers atcha there, good buddy!
(hint hint, wink wink, nudge nudge... get it?)

--
73 = Best Regard*S*
-Geoff/W5OMR (/5 Baja Spring, TX)

# 3845. Re: [T-368_BC-610] Re: bc610 i model,bc610 e model,t-368 c model for sale

Yahoo group: T-368_BC-610
Date: 2009-04-17 17:09:00 UTC
From: Art Heikkila
Topic: 3836  Message: 3845

Hi George!  Geez, this people need to get a life!  We should all count our blessings just to be able to own, operate, or just discuss these fine old rigs.

As you can see, I signed up for the BC-610 and the T-3(68) reflector.  I was hoping to see some good buy and sells, and also some technical information.  I didn't realize that I would get instructions on RC (Radio Correctness)!

Take care, and see you on the air.  Art  KB7LOQ

--- On Wed, 4/15/09, george portell <w8qbg@...> wrote:

From: george portell <w8qbg@...>
Subject: Re: [T-368_BC-610] Re: bc610 i model,bc610 e model,t-368 c model for sale
To: T-368_BC-610@yahoogroups.com
Date: Wednesday, April 15, 2009, 8:06 AM

go to bed and let it rest maby you will wake up in a more sound mood?,pickey pickey ,bro geo w8qbg..

--- On Tue, 4/14/09, wa5cab@... <wa5cab@...> wrote:

From: wa5cab@... <wa5cab@...>
Subject: Re: [T-368_BC-610] Re: bc610 i model,bc610 e model,t-368 c model for sale
To: T-368_BC-610@ yahoogroups. com
Date: Tuesday, April 14, 2009, 11:30 PM

You're welcome.

I've been referred to more than once as a nomenclature nut. But the intelligent human mind is easily capable of differentiating between for example AN/ARC-5 and SCR-274-N and there is no excuse for pretending that they are the same things as except for the dynamotors and some of the connectors they were not. The people who lumped them together after the War were either just too young or just too stupid to serve.

Anyway, the tendency on this list for people to call a T-368 a T-3 has aggravated me for years. No one ever calls a BC-610 a B-6 so why should they call a T-368 a T-3? Especially as there was (briefly) a T-3 that had absolute ly nothing in common with the T-368 except that they were both HF radio transmitters. It's just cutesy laziness.

And again, absolutely nothing against the T-368-C that was offered for sale. Other than that it should have been described as a T-368-C.

And I'm going to bed.

In a message dated 4/14/2009 10:09:34 PM Central Daylight Time,
aa5it@... writes:
> THANK YOU!!
> Somebody ELSE said it!
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> --- In T-368_BC-610@ yahoogroups. com, wa5cab@... wrote:
> >
> >I wish that all of you people claiming to have a T-3 really did, instead
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> >just being cutesy. Like referring to a T-47 as "an ART-13" and claiming
> >falsely to have one. T-3/FRT apparently never went into production but
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> >source indicates it was to have had push-pull 750TH's and an output of 6
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> >A T-368 or BC-610 might have barely served as an exciter. Maybe. I'd
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> >I'm the last sailor who ever operated it.
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> >I'm sure that W8QBG's T-368/URT is a nice unit, whichever of the six
> >different models it actually is. But it is not a T-3 and neither are the
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> >of others referred to over the past several years.
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> >In a message dated 4/14/2009 8:19:45 PM Central Daylight Time,
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> >>also mic`s are included also additional external vfo heath/johnson all
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# 3846. Re: [T-368_BC-610] Re: bc610 i model,bc610 e model,t-368 c model for sale

Yahoo group: T-368_BC-610
Date: 2009-04-17 17:19:39 UTC
From: george portell
Topic: 3836  Message: 3846

yes you are right Art sri to say their is a faction who ,has a lot of time on their hands and seem to want to critesize and correct ,they make themselves look like an ass and diminish the reflector.i am seeing more of this lately ,not as much about helping ,but of turning it into a semantics  forem.bro geo w8qbg.

--- On Fri, 4/17/09, Art Heikkila <art_heikkila@yahoo.com> wrote:

From: Art Heikkila <art_heikkila@...>
Subject: Re: [T-368_BC-610] Re: bc610 i model,bc610 e model,t-368 c model for sale
To: T-368_BC-610@yahoogroups.com
Date: Friday, April 17, 2009, 11:09 AM

Hi George!  Geez, this people need to get a life!  We should all count our blessings just to be able to own, operate, or just discuss these fine old rigs.

As you can see, I signed up for the BC-610 and the T-3(68) reflector.  I was hoping to see some good buy and sells, and also some technical information.  I didn't realize that I would get instructions on RC (Radio Correctness) !

Take care, and see you on the air.  Art  KB7LOQ

--- On Wed, 4/15/09, george portell <w8qbg@yahoo. com> wrote:

From: george portell <w8qbg@yahoo. com>
Subject: Re: [T-368_BC-610] Re: bc610 i model,bc610 e model,t-368 c model for sale
To: T-368_BC-610@ yahoogroups. com
Date: Wednesday, April 15, 2009, 8:06 AM

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--- On Tue, 4/14/09, wa5cab@... <wa5cab@...> wrote:

From: wa5cab@... <wa5cab@cs.com>
Subject: Re: [T-368_BC-610] Re: bc610 i model,bc610 e model,t-368 c model for sale
To: T-368_BC-610@ yahoogroups. com
Date: Tuesday, April 14, 2009, 11:30 PM

You're welcome.

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Anyway, the tendency on this list for people to call a T-368 a T-3 has aggravated me for years. No one ever calls a BC-610 a B-6 so why should they call a T-368 a T-3? Especially as there was (briefly) a T-3 that had absolute ly nothing in common with the T-368 except that they were both HF radio transmitters. It's just cutesy laziness.

And again, absolutely nothing against the T-368-C that was offered for sale. Other than that it should have been described as a T-368-C.

And I'm going to bed.

In a message dated 4/14/2009 10:09:34 PM Central Daylight Time, aa5it@... writes:
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# 3847. RE: Re: [T-368_BC-610] Re: bc610 i model,bc610 e model,t-368 c model for sale

Yahoo group: T-368_BC-610
Date: 2009-04-17 18:03:15 UTC
From: Trevor
Topic: 3836  Message: 3847

Many have things to offer, folks, and some of the
people that some of you have been taking swipes at
have offered a lot of substantive knowledge and
technical assistance to many of us over the years.

Improvements in the signal/ noise ratio are a good
thing; trying to get there by taking potshots at
others, or counter-pot-shots, even if you think
someone else took a potshot first, is unlikely to get
us there.

Remember, we are in an avocation ( an undertaking
based on a love of doing it ) ( which sometimes gets
people wound up ) and a service ( which is why we are
allowed to use the portions of the spectrum that we
are ).

In those famous words, "can't we all just get along?"

73- and let's remember what that means- best regards-

How bout a new thing to consider before any of us hit
send:
WWHD What Would Hiram (the father of amateur radio) Do?
de
KD1YT

------- Original Message -------
From : Art Heikkila[mailto:art_heikkila@...]
Sent : 4/17/2009 1:09:00 PM
To : T-368_BC-610@yahoogroups.com
Cc :
Subject : RE: Re: [T-368_BC-610] Re: bc610 i
model,bc610 e model,t-368 c model for sale

Hi George!  Geez, this people need to get a
life!  We should all count our blessings

just to be able to own, operate, or just discuss
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T-3(68) reflector.  I was hoping to

see some good buy and sells, and also some technical
information.  I didn't realize that

I would get instructions on RC (Radio Correctness)!

Take care, and see you on the air.  Art  KB7LOQ

--- On Wed, 4/15/09, george portell <w8qbg@...>
wrote:

From: george portell <w8qbg@...>

Subject: Re: [T-368_BC-610] Re: bc610 i model,bc610 e
model,t-368 c model for sale

To: T-368_BC-610@yahoogroups.com

Date: Wednesday, April 15, 2009, 8:06 AM

go to bed and let it rest maby you will wake up in a
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--- On Tue, 4/14/09, wa5cab@... <wa5cab@...> wrote:

From: wa5cab@... <wa5cab@...>

Subject: Re: [T-368_BC-610] Re: bc610 i model,bc610 e
model,t-368 c model for sale

To: T-368_BC-610@ yahoogroups. com

Date: Tuesday, April 14, 2009, 11:30 PM

You're welcome.

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nomenclature nut. But the

intelligent human mind is easily capable of
differentiating between for example

AN/ARC-5 and SCR-274-N and there is no excuse for
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And I'm going to bed.

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Daylight Time,

aa5it@... writes:

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> 73

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> --- In T-368_BC-610@ yahoogroups. com, wa5cab@...
wrote:

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# 3848. Re: [T-368_BC-610] Re: bc610 i model,bc610 e model,t-368 c model for sale

Yahoo group: T-368_BC-610
Date: 2009-04-17 21:47:56 UTC
From: Todd, KA1KAQ
Topic: 3836  Message: 3848

On Fri, Apr 17, 2009 at 1:19 PM, george portell <w8qbg@...> wrote:
> yes you are right Art sri to say their is a faction who ,has a lot of time
> on their hands and seem to want to critesize and correct ,they make
> themselves look like an ass and diminish the reflector.i am seeing more of
> this lately ,not as much about helping ,but of turning it into a semantics
> forem.bro geo w8qbg.

Trevor is right, George - the list really isn't the place for such behavior, Please take it offline. I didn't see anyone criticizing, simply stating their opinion on a topic about the T-368 and related equipment nomenclature. Robert Downs is one of the more helpful folks you'll find online, from knowledge to parts. As adults, we need to be able to respectfully agree to disagree on some items when it comes to the list, not whine about it. And if you can't do that, please take it to private email.

~ Todd, KA1KAQ/4

# 3849. Re: [T-368_BC-610] Re: bc610 i model,bc610 e model,t-368 c model for sale

Yahoo group: T-368_BC-610
Date: 2009-04-18 00:05:12 UTC
From: george portell
Topic: 3836  Message: 3849

well boy todd is at it again! showing how stupid he is ,carrying on with his drivel ,todd GET A LIFE or PUT A SOCK IN IT this is not the forem to show your ignorance .no on wants to hear this on the reflector .this diminishes the the forem,and belittles the group.please stop acting like a spoiled child .im sure everyone will remember boy todd as a cry baby and winer .stop ,get a life bro geo w8qbg.

--- On Fri, 4/17/09, Todd, KA1KAQ <ka1kaq@gmail.com> wrote:

From: Todd, KA1KAQ <ka1kaq@...>
Subject: Re: [T-368_BC-610] Re: bc610 i model,bc610 e model,t-368 c model for sale
To: T-368_BC-610@yahoogroups.com
Date: Friday, April 17, 2009, 3:47 PM

On Fri, Apr 17, 2009 at 1:19 PM, george portell <w8qbg@yahoo. com> wrote:
> yes you are right Art sri to say their is a faction who ,has a lot of time
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[Non-text portions of this message have been removed]

# 3850. RE: Re: [T-368_BC-610] Re: bc610 i model,bc610 e model,t-368 c model for sale

Yahoo group: T-368_BC-610
Date: 2009-04-18 00:10:11 UTC
From: george portell
Topic: 3836  Message: 3850

hi trevor so much for being tolerant and keeping the piece ,keep the 610`s and the t-3 going bro geo w8qbg.

--- On Fri, 4/17/09, Trevor <kd1yt@pshift.com> wrote:

From: Trevor <kd1yt@...>
Subject: RE: Re: [T-368_BC-610] Re: bc610 i model,bc610 e model,t-368 c model for sale
To: T-368_BC-610@yahoogroups.com
Date: Friday, April 17, 2009, 12:03 PM

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------- Original Message -------
From : Art Heikkila[mailto:art_heikkila@ yahoo.com]
Sent : 4/17/2009 1:09:00 PM
To : T-368_BC-610@ yahoogroups. com
Cc :
Subject : RE: Re: [T-368_BC-610] Re: bc610 i
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From: wa5cab@... <wa5cab@...>

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To: T-368_BC-610@ yahoogroups. com

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>

> >I'm the last sailor who ever operated it.

> >

> >I'm sure that W8QBG's T-368/URT is a nice unit, whichever of the six

> >different models it actually is. But it is not a T-3 and neither are the

> dozens

> >of others referred to over the past several years.

> >

> >In a message dated 4/14/2009 8:19:45 PM Central Daylight Time,

> >w8qbg@... writes:

> >>all three of these transmitters are for sale the 610`s come with tuning

> >>units and coils for 160,75,40 meters they both
have speech amps with ptt

>

> >>also mic`s are included also additional external
vfo heath/johnson all

> cords

> >>ect these are operating radios.i will demo pick
up only in mesa az or i

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> >>work with your shipper.the t-3 has a tuning chart
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> >>also mike also included.prices are $1400.00 for
the 610`s and $1800.00

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> >>the t-3 all are on steel casters.i can provide
pictures.if interested.

Robert & Susan Downs - Houston

wa5cab dot com (Web Store)

MVPA 9480

[Non-text portions of this message have been removed]

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# 3851. Re: [T-368_BC-610] Re: bc610 i model,bc610 e model,t-368 c model for sale

Yahoo group: T-368_BC-610
Date: 2009-04-18 00:13:40 UTC
From: george portell
Topic: 3836  Message: 3851

hi art see you sat morning on 160 am or 75 am i will be running the t-3 i listed bro geo w8qbg

--- On Fri, 4/17/09, Art Heikkila <art_heikkila@yahoo.com> wrote:

From: Art Heikkila <art_heikkila@...>
Subject: Re: [T-368_BC-610] Re: bc610 i model,bc610 e model,t-368 c model for sale
To: T-368_BC-610@yahoogroups.com
Date: Friday, April 17, 2009, 11:09 AM

Hi George!  Geez, this people need to get a life!  We should all count our blessings just to be able to own, operate, or just discuss these fine old rigs.

As you can see, I signed up for the BC-610 and the T-3(68) reflector.  I was hoping to see some good buy and sells, and also some technical information.  I didn't realize that I would get instructions on RC (Radio Correctness) !

Take care, and see you on the air.  Art  KB7LOQ

--- On Wed, 4/15/09, george portell <w8qbg@yahoo. com> wrote:

From: george portell <w8qbg@yahoo. com>
Subject: Re: [T-368_BC-610] Re: bc610 i model,bc610 e model,t-368 c model for sale
To: T-368_BC-610@ yahoogroups. com
Date: Wednesday, April 15, 2009, 8:06 AM

go to bed and let it rest maby you will wake up in a more sound mood?,pickey pickey ,bro geo w8qbg..

--- On Tue, 4/14/09, wa5cab@... <wa5cab@...> wrote:

From: wa5cab@... <wa5cab@cs.com>
Subject: Re: [T-368_BC-610] Re: bc610 i model,bc610 e model,t-368 c model for sale
To: T-368_BC-610@ yahoogroups. com
Date: Tuesday, April 14, 2009, 11:30 PM

You're welcome.

I've been referred to more than once as a nomenclature nut. But the intelligent human mind is easily capable of differentiating between for example AN/ARC-5 and SCR-274-N and there is no excuse for pretending that they are the same things as except for the dynamotors and some of the connectors they were not. The people who lumped them together after the War were either just too young or just too stupid to serve.

Anyway, the tendency on this list for people to call a T-368 a T-3 has aggravated me for years. No one ever calls a BC-610 a B-6 so why should they

call a T-368 a T-3? Especially as there was (briefly) a T-3 that had absolute
ly nothing in common with the T-368 except that they were both HF radio
transmitters. It's just cutesy laziness.

And again, absolutely nothing against the T-368-C that was offered for
sale. Other than that it should have been described as a T-368-C.

And I'm going to bed.

In a message dated 4/14/2009 10:09:34 PM Central Daylight Time,
aa5it@... writes:
> THANK YOU!!
> Somebody ELSE said it!
>
>
> 73
>
>
> --- In T-368_BC-610@ yahoogroups. com, wa5cab@... wrote:
> >
> >I wish that all of you people claiming to have a T-3 really did, instead
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> >just being cutesy. Like referring to a T-47 as "an ART-13" and claiming
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> >source indicates it was to have had push-pull 750TH's and an output of 6
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> >A T-368 or BC-610 might have barely served as an exciter. Maybe. I'd
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# 3852. RE: [T-368_BC-610] Re: bc610 i model,bc610 e model,t-368 c model for sale

Yahoo group: T-368_BC-610
Date: 2009-04-18 00:17:11 UTC
From: Meir WF2U
Topic: 3836  Message: 3852

"George"

If you don't like "stupidity" which is what you're showing, spewing this garbage on the list, just click on the "delete" button, just like I'm doing with your messages. You are the one who sounds just like a spoiled, snotty kid.
I very rarely get involved in arguments, but this has to go!

de WF2U
Landrum, SC
-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of george portell
Sent: Friday, April 17, 2009 8:05 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] Re: bc610 i model,bc610 e model,t-368 c model for sale

well boy todd is at it again! showing how stupid he is ,carrying on with his drivel ,todd GET A LIFE or PUT A SOCK IN IT this is not the forem to show your ignorance .no on wants to hear this on the reflector .this diminishes the the forem,and belittles the group.please stop acting like a spoiled child .im sure everyone will remember boy todd as a cry baby and winer .stop ,get a life bro geo w8qbg.

--- On Fri, 4/17/09, Todd, KA1KAQ <ka1kaq@gmail.com> wrote:

From: Todd, KA1KAQ <ka1kaq@...>
Subject: Re: [T-368_BC-610] Re: bc610 i model,bc610 e model,t-368 c model for sale
To: T-368_BC-610@yahoogroups.com
Date: Friday, April 17, 2009, 3:47 PM

On Fri, Apr 17, 2009 at 1:19 PM, george portell <w8qbg@yahoo. com> wrote:
> yes you are right Art sri to say their is a faction who ,has a lot of time
> on their hands and seem to want to critesize and correct ,they make
> themselves look like an ass and diminish the reflector.i am seeing more of
> this lately ,not as much about helping ,but of turning it into a semantics
> forem.bro geo w8qbg.

Trevor is right, George - the list really isn't the place for such behavior, Please take it offline. I didn't see anyone criticizing, simply stating their opinion on a topic about the T-368 and related equipment nomenclature. Robert Downs is one of the more helpful folks you'll find online, from knowledge to parts. As adults, we need to be

able to respectfully agree to disagree on some items when it comes to the list, not whine about it. And if you can't do that, please take it to private email.

~ Todd, KA1KAQ/4

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.285 / Virus Database: 270.11.58/2062 - Release Date: 04/17/09 07:08:00

# 3853. RE: [T-368_BC-610] Re: bc610 i model,bc610 e model,t-368 c model for sale

Yahoo group: T-368_BC-610
Date: 2009-04-18 02:17:20 UTC
From: george portell
Topic: 3836  Message: 3853

i have deleated your message thanks! bro geo w8qbg.

--- On Fri, 4/17/09, Meir WF2U <wf2u@...> wrote:

From: Meir WF2U <wf2u@...>
Subject: RE: [T-368_BC-610] Re: bc610 i model,bc610 e model,t-368 c model for sale
To: T-368_BC-610@yahoogroups.com
Date: Friday, April 17, 2009, 6:17 PM

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de WF2U
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[Non-text portions of this message have been removed]

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Yahoo! Groups Links

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Checked by AVG - www.avg.com
Version: 8.5.285 / Virus Database: 270.11.58/2062 - Release Date: 04/17/09
07:08:00

[Non-text portions of this message have been removed]

# 3854. Re: [T-368_BC-610] Re: bc610 i model,bc610 e model,t-368 c model for sale

Yahoo group: T-368_BC-610
Date: 2009-04-18 02:29:45 UTC
From: Art Heikkila
Topic: 3836  Message: 3854

Hi:  We are headed up to Prescott early Saturday morning to take care of some shopping my wife has to complete at the mall up there.  She has $290 in cash coupons and needs to use them within a limited time window.  I will be on Sunday, however.

I've had this T-3 for almost two weeks, and with work and other things, it's been a slow process getting it on the air.  I did clear out an area in the radio room, and the empty chassis and the three drawers are now in the room.  I need to make up a power cord and have obtained the correct components.  Bill had it hardwired into the panel, and I need to put a three wire cord on it.  Also,I need to make up a stereo plugged g-stand for the microphone.  It is operational, but very dusty.  I will spend a little time cleaning it and de-oxing the contacts, lubing, etc.  The only known issue is that he had to run the speech amp wide open to fully modulate.  This was a change that happened some time ago.  I will check the tubes first and then see if other investigation is warranted.

I purchased an ME-165 military power/swr meter/600 watt dummy load from Fair Radio.  I did not have a sufficient dummy load for a bigger rig.  This was in fact as you probably kinow, designed for the T-3.  It came double-boxed, sealed in foil, and appears brand new, having been refurbished in 1981.  New paint, new connectors, etc.  I havn;t looked in the inside yet.

We are headed to Twin Falls, Idaho next Tuesday am to visit my second son, wife, and new grandkid.  Will return the following Sunday.

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Well, take care.  Nice seeing you here on this reflector.  I would presume you are the master tech and Elmer for all the rest of us on this group!  Art  KB7LOQ

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From: george portell <w8qbg@...>
Subject: Re: [T-368_BC-610] Re: bc610 i model,bc610 e model,t-368 c model for sale
To: T-368_BC-610@yahoogroups.com
Date: Friday, April 17, 2009, 5:13 PM

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From: Art Heikkila <art_heikkila@ yahoo.com>
Subject: Re: [T-368_BC-610] Re: bc610 i model,bc610 e model,t-368 c model for sale
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Date: Friday, April 17, 2009, 11:09 AM

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To: T-368_BC-610@ yahoogroups. com
Date: Wednesday, April 15, 2009, 8:06 AM

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--- On Tue, 4/14/09, wa5cab@... <wa5cab@...> wrote:

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To: T-368_BC-610@ yahoogroups. com
Date: Tuesday, April 14, 2009, 11:30 PM

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# 3855. Re: bc610 i model,bc610 e model,t-368 c model for sale

Yahoo group: T-368_BC-610
Date: 2009-04-18 02:42:01 UTC
From: aa9wq
Topic: 3836  Message: 3855

The last 20 plus post have been nothing but whiney crap. Someone grow up. I have belonged to this group for about 8 years, but after I post I am DONE! This thanks to those that have made this group fun and informative. But those with the bad adittude's I won't miss. I get to many mails to sort the bull from the real mail. I still love my T-3's or 368's or what ever the hell you chose to call them. It's just a hobby. I don't take it serious like some do.

73's

W9AMR

# 3856. Re: [T-368_BC-610] Re: bc610 i model,bc610 e model,t-368 c model for sale

Yahoo group: T-368_BC-610
Date: 2009-04-18 02:55:02 UTC
From: george portell
Topic: 3836  Message: 3856

hi art glad you got the t-3 from bill ,i think that one was missing the back cover ,but it was strong the last i heard it on the air.i can handle the rf deck and the modulator deck with some help,but the power supply is another matter hi.i now use an engine hyd crane and lifting straps to move the power supply around. to work on.on the mic connection i use the carbon mic connector connected to a small bud box and use a blocking cap then feed the audio in with either a ampfilied d-104 or an amp sure 444 both work great the connectors can be gotten readily from fair radio or buy the mike and remove the connector.the other thing i use on one of the t-3`s is the 600 ohm from the rear of the rig this plug connector is also available from fair radio i also use an amp sure 444 or amp d-104 both work good.see u sunday on 160/75 meter am.if i can help let me know .have a good trip and dont spend all your money hi 73`s for now bro geo w8qbg.

--- On Fri, 4/17/09, Art Heikkila <art_heikkila@...> wrote:

From: Art Heikkila <art_heikkila@yahoo.com>
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# 3857. Re: [T-368_BC-610] Re: bc610 i model,bc610 e model,t-368 c model for sale

Yahoo group: T-368_BC-610
Date: 2009-04-18 03:01:31 UTC
From: Art Heikkila
Topic: 3836  Message: 3857

Thanks for the advice, George.  Bill was running it with a plain D-104 into a stereo quarter-inch jack.  I will go with that for now, and maybe some time down the road get into some compression/limiter type stuff with a nicer mike.  I just want to fire her up and use her for a while.  Thanks for the offer, and I'm sure I'll be calling for advice.  I have my youngest son down the block and his friends nearbye to do the heavy lifting!  73's Art

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To: T-368_BC-610@yahoogroups.com
Date: Friday, April 17, 2009, 7:55 PM

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Date: Friday, April 17, 2009, 8:29 PM

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Subject: Re: [T-368_BC-610] Re: bc610 i model,bc610 e model,t-368 c model for sale
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# 3858. Re: [T-368_BC-610] Re: bc610 i model,bc610 e model,t-368 c model for sale

Yahoo group: T-368_BC-610
Date: 2009-04-18 03:16:48 UTC
From: george portell
Topic: 3836  Message: 3858

you luckey dog! bro geo.

--- On Fri, 4/17/09, Art Heikkila <art_heikkila@yahoo.com> wrote:

From: Art Heikkila <art_heikkila@...>
Subject: Re: [T-368_BC-610] Re: bc610 i model,bc610 e model,t-368 c model for sale
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# 3859. Re: [T-368_BC-610] Re: bc610 i model,bc610 e model,t-368 c model for sale

Yahoo group: T-368_BC-610
Date: 2009-04-18 12:06:18 UTC
From: Robert Heaton
Topic: 3836  Message: 3859

Where can I get a new DELETE button. Mine is almost worn out.

73, BoB.
wb4jpz1@...

--- On Fri, 4/17/09, aa9wq <aa9wqham@...> wrote:

From: aa9wq <aa9wqham@...>
Subject: [T-368_BC-610] Re: bc610 i model,bc610 e model,t-368 c model for sale
To: T-368_BC-610@yahoogroups.com
Date: Friday, April 17, 2009, 10:42 PM

The last 20 plus post have been nothing but whiney crap. Someone grow up. I have belonged to this group for about 8 years, but after I post I am DONE! This thanks to those that have made this group fun and informative. But those with the bad adittude's I won't miss. I get to many mails to sort the bull from the real mail. I still love my T-3's or 368's or what ever the hell you chose to call them. It's just a hobby. I don't take it serious like some do.

73's

W9AMR

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# 3860. Re: [T-368_BC-610] Re: bc610 i model,bc610 e model,t-368 c model for sale

Yahoo group: T-368_BC-610
Date: 2009-04-18 13:21:44 UTC
From: Alan Morriss
Topic: 3836  Message: 3860

hello guys, i have been following the controversy about nomenclature of military gear with some puzzlement. it seems to me that it is a difference of opinion between an in group of ex operators and the rest. over this side it could not occur as so many of our radios had very similar numbers. all the raf communications stuff started with 11. thus the t 1154, r1155m t1115 r1116 etc. we would get in a bit of a pickle if we referred to any as the 11 ! that was an early army set, superceding the no 1.
i used to fly a really dreadful plane which we all referred to as a shed. we all knew what we meant, as it looked and flew like one, but others would be somewhat mystified. cheers, alan g4gen

----- Original Message -----
From: Robert Heaton
To: T-368_BC-610@yahoogroups.com
Sent: Saturday, April 18, 2009 1:06 PM
Subject: Re: [T-368_BC-610] Re: bc610 i model,bc610 e model,t-368 c model for sale

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# 3861. Identify Transmitter 5820-01-107-3884 SunAir GSE-924

Yahoo group: T-368_BC-610
Date: 2009-04-18 15:38:52 UTC
From: ziolkowskirobert
Topic: 3861  Message: 3861

Can anyone tell me what Mil. equipment this transmitter is part of like GRC-XXX etc.

# 3863. So long and thank for all the fish**

Yahoo group: T-368_BC-610
Date: 2009-04-18 21:36:24 UTC
From: Tom
Topic: 3863  Message: 3863

Or rather, so long and thanks for all the info over the years.

I'm not giving up because of the pedantry*** of the recent thread,
but because I sold my T-368 a few months back to a fairly pleasant
fellow, (k4kca) in Georgia.

For *decades* I wanted a T-368 and came close many times. Luck changed a few
years ago when one was for all intents and purposes, given to me. Other than
put some C connectors on some cable for jumpers and checking it for
completeness, that was all I did, and I felt it needed to go to someone who
would use it. It's all there, with no problems I could find via Simpson 269 - I
never powered it up while I had it, for various reasons, and it sat for many
years. Clarify - it sat in the living room for several years, PS and Mod drawers
sitting beside it, RF deck mounted in the cabinet. (My wife if quite forgiving,

The past few years on the list have been enjoyable, and thanks
to all who have kept it that way. Thanks even to the pedants,
as they've helped things by suggesting we be accurate - so then
the pedants my not be true pedants at all, Maybe these are folks
with common sense that hate to see information not being properly
presented. Robert fits into this category, I'd not call him a pedant,
I's call him someone with knowledge on the subject and the good
sense to speak up.

Best 73

Tom Norris NU4G

Footnotes -

** The subject line is in reference to a novel title writtenl by the
late Douglas Adams that is the last of the "Hitch-hiker's Guide
To The Galaxy" series. I highly recommend the entire series of
novels if you enjoy British Humour - the whole lot is a good read.

*** I'm not accusing any one specific person of being a pedant,
not even Robert Downs. Pots/Kettles, etc, I've done such as this
in the past, and may do so in the future, as my tongue and/or
keyboard can become autonomous in commenting over various
random issues that are dear or that I possess certain
knowledge - such subjects are very few so ye shouldn't worry
much heehee. Have fun, guys!!!]

# 3864. Re: bc610 i model,bc610 e model,t-368 c model for sale

Yahoo group: T-368_BC-610
Date: 2009-04-18 22:22:28 UTC
From: Tom
Topic: 3836  Message: 3864

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello guys, i have been following the controversy about nomenclature of military gear with some puzzlement.

Count me in with the nit pickers too, *despite* my previous post. In the case of the T-368(*), it's a simple battle between what has become a common term over the years against what should be an easy to remember nomenclature.

I suggest a time out - sit back relax, have a cup of tea or coffee or an ale, soda or ice cream, and repeat the phrase "This is only a hobby" until you've at least 3 servings of the above.

73

Tom NU4G

# 3865. Re: [T-368_BC-610] Re: bc610 i model,bc610 e model,t-368 c model for sale

Yahoo group: T-368_BC-610
Date: 2009-04-20 01:10:31 UTC
From: Joe Foley
Topic: 3836  Message: 3865

Two people have left the list this week over this thread!

This thread is OFFICIALLY ended.

Let's all play nice from here on.

Joe KG2CI, the list Owner, Moderator, Manager, Troll, Ogre, Et c.

--- On Sat, 4/18/09, Robert Heaton <wb4jpz1@...> wrote:

From: Robert Heaton <wb4jpz1@...>
Subject: Re: [T-368_BC-610] Re: bc610 i model,bc610 e model,t-368 c model for sale
To: T-368_BC-610@yahoogroups.com
Date: Saturday, April 18, 2009, 8:06 AM

Where can I get a new DELETE button. Mine is almost worn out.

73, BoB.

wb4jpz1@yahoo. com

--- On Fri, 4/17/09, aa9wq <aa9wqham@aol. com> wrote:

From: aa9wq <aa9wqham@aol. com>

Subject: [T-368_BC-610] Re: bc610 i model,bc610 e model,t-368 c model for sale

To: T-368_BC-610@ yahoogroups. com

Date: Friday, April 17, 2009, 10:42 PM

The last 20 plus post have been nothing but whiney crap. Someone grow up. I have belonged to this group for about 8 years, but after I post I am DONE! This thanks to those that have made this group fun and informative. But those with the bad adittude's I won't miss. I get to many mails to sort the bull from the real mail. I still love my T-3's or 368's or what ever the hell you chose to call them. It's just a hobby. I don't take it serious like some do.

73's

W9AMR

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3866. Re: [T-368_BC-610] Parts

Yahoo group: T-368_BC-610
Date: 2009-04-25 05:47:40 UTC
From: David Adams
Topic: 3819  Message: 3866

hi tim have not heard from u are u okay? looking to hear from u tnx dave

--- On Fri, 4/10/09, David Adams <wd5bzo@...> wrote:

From: David Adams <wd5bzo@...>
Subject: Re: [T-368_BC-610] Parts
To: T-368_BC-610@yahoogroups.com
Date: Friday, April 10, 2009, 6:42 AM

--- On Sat, 4/4/09, David Adams <wd5bzo@yahoo. com> wrote:
From: David Adams <wd5bzo@yahoo. com>
Subject: Re: [T-368_BC-610] Parts
To: T-368_BC-610@ yahoogroups. com
Date: Saturday, April 4, 2009, 11:13 PM

i just saw your last post, figure the shipping and let me know i will take the parts off your hands, i just want to have the spares on hand since i have a working t3 on the air and replacement parts or kind of rare tnx david

--- On Fri, 4/3/09, Tim Haake <dubtub88@yahoo. com> wrote:

From: Tim Haake <dubtub88@yahoo. com>

Subject: Re: [T-368_BC-610] Parts

To: T-368_BC-610@ yahoogroups. com

Date: Friday, April 3, 2009, 8:13 PM

David,

Thanks for the reply.  I have the entire tank circuit with switch, the dual gear drive with turns counters (no knobs) and the plate vacuum variable.  They all came from Fair Radio back when they had truck loads of T368s.  I went up to Fair and picked out and bought a nice clean unit and then I bought enough spares to literally build another.  I sold all or at least I thought I had sold all of the stuff a few years back.  Anyway I found these few parts up in the attic.  Don't need them.  I'll take $125 plus shipping for all of it.  That is less then I gave Fair for the stuff.  Let me know.

Tim

WA0TSY

---------- --------- --------- --

From: David Adams <wd5bzo@yahoo. com>

To: T-368_BC-610@ yahoogroups. com

Sent: Thursday, April 2, 2009 8:02:05 PM

Subject: Re: [T-368_BC-610] Parts

Hi om  yeah if the price is right i might be intrested what all do u have e-mail me back or call 501-744-4678 david is my name see u later.  wd5bzo@yahoo. com

--- On Thu, 4/2/09, dubtub88 <dubtub88@yahoo. com> wrote:

From: dubtub88 <dubtub88@yahoo. com>

Subject: [T-368_BC-610] Parts

To: T-368_BC-610@ yahoogroups. com

Date: Thursday, April 2, 2009, 6:36 PM

I have a T-368 tank circuit (coil and switch this was a Fair Radio pull) and the dual turns counter for sale. I also have the vacuum plate cap. Send me email if you are interested.

Tim

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# 3867. Re: [T-368_BC-610] Parts

Yahoo group: T-368_BC-610
Date: 2009-04-27 01:09:16 UTC
From: Tim Haake
Topic: 3819  Message: 3867

Dave,

Sorry I have not gotten back to you.  I did not fall off the end of the earth, just got tied up at work.  I need to get out to my storage facility and get the parts back to my house.  Will get that done this week and email th pics.

tim
WA0TSY

---
From: David Adams <wd5bzo@...>
To: T-368_BC-610@yahoogroups.com
Sent: Saturday, April 25, 2009 12:47:40 AM
Subject: Re: [T-368_BC-610] Parts

hi tim have not heard from u are u okay? looking to hear from u tnx dave

--- On Fri, 4/10/09, David Adams <wd5bzo@yahoo. com> wrote:

From: David Adams <wd5bzo@yahoo. com>
Subject: Re: [T-368_BC-610] Parts
To: T-368_BC-610@ yahoogroups. com
Date: Friday, April 10, 2009, 6:42 AM

--- On Sat, 4/4/09, David Adams <wd5bzo@yahoo. com> wrote:
From: David Adams <wd5bzo@yahoo. com>
Subject: Re: [T-368_BC-610] Parts
To: T-368_BC-610@ yahoogroups. com
Date: Saturday, April 4, 2009, 11:13 PM

i just saw your last post, figure the shipping and let me know i will take the parts off your hands, i just want to have the spares on hand since i have a working t3 on the air and replacement parts or kind of rare tnx david

--- On Fri, 4/3/09, Tim Haake <dubtub88@yahoo. com> wrote:

From: Tim Haake <dubtub88@yahoo. com>

Subject: Re: [T-368_BC-610] Parts

To: T-368_BC-610@ yahoogroups. com

Date: Friday, April 3, 2009, 8:13 PM

David,

Thanks for the reply.  I have the entire tank circuit with switch, the dual gear drive with turns counters (no knobs) and the plate vacuum variable.  They all came from Fair Radio back when they had truck loads of T368s.  I went up to Fair and picked out and bought a

nice clean unit and then I bought enough spares to literally build another.  I sold all or at least I thought I had sold all of the stuff a few years back.  Anyway I found these few parts up in the attic.  Don't need them.  I'll take $125 plus shipping for all of it.  That is less then I gave Fair for the stuff.  Let me know.

Tim

WA0TSY

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From: David Adams <wd5bzo@yahoo. com>

To: T-368_BC-610@ yahoogroups. com

Sent: Thursday, April 2, 2009 8:02:05 PM

Subject: Re: [T-368_BC-610] Parts

Hi om  yeah if the price is right i might be intrested what all do u have e-mail me back or call 501-744-4678 david is my name see u later.  wd5bzo@yahoo. com

--- On Thu, 4/2/09, dubtub88 <dubtub88@yahoo. com> wrote:

From: dubtub88 <dubtub88@yahoo. com>

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To: T-368_BC-610@ yahoogroups. com

Date: Thursday, April 2, 2009, 6:36 PM

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Tim

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 3868. Re: [T-368_BC-610] Parts

Yahoo group: T-368_BC-610
Date: 2009-04-28 02:35:31 UTC
From: David Adams
Topic: 3819  Message: 3868

ok good i just did not want u to think that i was not intrested in the parts take your time i can wait. tnx dave

--- On Sun, 4/26/09, Tim Haake <dubtub88@...> wrote:
From: Tim Haake <dubtub88@...>
Subject: Re: [T-368_BC-610] Parts
To: T-368_BC-610@yahoogroups.com
Date: Sunday, April 26, 2009, 8:09 PM

Dave,

Sorry I have not gotten back to you.  I did not fall off the end of the earth, just got tied up at work.  I need to get out to my storage facility and get the parts back to my house.  Will get that done this week and email th pics.

tim

WA0TSY

---------- --------- --------- --

From: David Adams <wd5bzo@yahoo. com>

To: T-368_BC-610@ yahoogroups. com

Sent: Saturday, April 25, 2009 12:47:40 AM

Subject: Re: [T-368_BC-610] Parts

hi tim have not heard from u are u okay? looking to hear from u tnx dave

--- On Fri, 4/10/09, David Adams <wd5bzo@yahoo. com> wrote:

From: David Adams <wd5bzo@yahoo. com>

Subject: Re: [T-368_BC-610] Parts

To: T-368_BC-610@ yahoogroups. com

Date: Friday, April 10, 2009, 6:42 AM

--- On Sat, 4/4/09, David Adams <wd5bzo@yahoo. com> wrote:

From: David Adams <wd5bzo@yahoo. com>

Subject: Re: [T-368_BC-610] Parts

To: T-368_BC-610@ yahoogroups. com

Date: Saturday, April 4, 2009, 11:13 PM

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Subject: Re: [T-368_BC-610] Parts

To: T-368_BC-610@ yahoogroups. com

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Tim

WA0TSY

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From: David Adams <wd5bzo@yahoo. com>

To: T-368_BC-610@ yahoogroups. com

Sent: Thursday, April 2, 2009 8:02:05 PM

Subject: Re: [T-368_BC-610] Parts

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From: dubtub88 <dubtub88@yahoo. com>

Subject: [T-368_BC-610] Parts

To: T-368_BC-610@ yahoogroups. com

Date: Thursday, April 2, 2009, 6:36 PM

I have a T-368 tank circuit (coil and switch this was a Fair Radio pull) and the dual turns counter for sale. I also have the vacuum plate cap. Send me email if you are interested.

Tim

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[Non-text portions of this message have been removed]

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# 3869. Re: Just posted to the Milsurplus list

Yahoo group: T-368_BC-610
Date: 2009-05-02 00:13:34 UTC
From: Steve Gomez
Topic: 3829  Message: 3869

Barrie,
Did you ever find any of these caps? I have a large number of glass piston style 3-32 mmf approx 1/4 X 2 inches if you could use them.
73,
Steve
--- In T-368_BC-610@yahoogroups.com, "Barrie Smith" <barrie@...> wrote:
>
> Hello All:
>
> I've Googled my fingers to the bone, checked all the likely sources and still have not found what I need.
>
> Anyone on the list have two (or more) matched, small (10/12 pf max) piston style neutralizing capacitors they would consider parting with?
>
> 73, Barrie, W7ALW
>
> [Non-text portions of this message have been removed]
>

# 3870. WTD: BC 729 ant tuner

Yahoo group: T-368_BC-610
Date: 2009-05-13 19:28:02 UTC
From: paulthekan
Topic: 3870  Message: 3870

Looking for the the smaller antenna tuner as used with the BC 610-D in the SCR 299. The tuner looks to be half the height of the BC 939 antenna tuner.

Thank you
Paul
N6FEG

# 3871. Re: [T-368_BC-610] Connector "TO JB70"

Yahoo group: T-368_BC-610
Date: 2009-05-22 00:51:55 UTC
From: Rodger Hough
Topic: 3428  Message: 3871

----- Original Message -----
From: Larry Godek
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, October 16, 2008 3:56 PM
Subject: Re: [T-368_BC-610] Connector "TO JB70"

Do you have the 610 manuals? that may be a dumb question since you have the transmitter but then to i've got the manuals and no transmitter.

Larry
W0OGH

--- On Thu, 10/16/08, n8zfm <dave@...> wrote:
From: n8zfm <dave@...>
Subject: [T-368_BC-610] Connector "TO JB70"
To: T-368_BC-610@yahoogroups.com
Date: Thursday, October 16, 2008, 10:12 AM

Can anyone tell me what the heck the number is of the mating connector

is for the octal jack on the BC-614 that's labeled "TO JB-70"? I have

the cable and connectors to attach the 614 to the 610 and they are the

same but I need another one for the 614, I have searched high and low

and while I know its made by Amphenol I don't know the number and have

so far been unable to find one.

If anyone has one that they would be will to sell or trade (I have a

bunch of spare 610 parts) please contact me and we can work something

out.

73 - Dave N8ZFM

[Non-text portions of this message have been removed]

---

No virus found in this incoming message.
Checked by AVG.
Version: 7.5.524 / Virus Database: 270.8.0/1719 - Release Date: 10/10/2008 4:08 PM

[Non-text portions of this message have been removed]

# 3872. Re: [T-368_BC-610] Connector "TO JB70"

Yahoo group: T-368_BC-610
Date: 2009-05-22 02:21:47 UTC
From: wa5cab@cs.com
Topic: 3428  Message: 3872

Dave & Larry,

I don't think the Amphenol part number is in either the SCR-399 or the BC-610 manuals (any vintage) but in any case the connector that plugs into the BC-614 to go to the JB-70 is the same as the one on the end of the CD-764 that plugs into the BC-610 to go to the BC-614. Amphenol 79-08M. You'll find it (and the female and the chassis connectors) listed in Radio Masters of the 40's and early 50's. But not later. I have a few NOS @ $15.00 plus shipping.

However, if you have a JB-70, it should have a captive cable coming out of it with that connector on the end. If the key in the center is broken off, as it often is, you have to be damned careful plugging it in but it is still usable with care.

In a message dated 5/21/2009 7:52:53 PM Central Daylight Time, k1hh@... writes:
> Do you have the 610 manuals? that may be a dumb question since you
> have the transmitter but then to i've got the manuals and no transmitter.
>
> Larry
> W0OGH
>
> --- On Thu, 10/16/08, n8zfm <dave@...> wrote:
> From: n8zfm <dave@...>
> Subject: [T-368_BC-610] Connector "TO JB70"
> To: T-368_BC-610@yahoogroups.com
> Date: Thursday, October 16, 2008, 10:12 AM
>
> Can anyone tell me what the heck the number is of the mating connector
>
> is for the octal jack on the BC-614 that's labeled "TO JB-70"? I have
>
> the cable and connectors to attach the 614 to the 610 and they are the
>
> same but I need another one for the 614, I have searched high and low
>
> and while I know its made by Amphenol I don't know the number and have
>
> so far been unable to find one.
>
> If anyone has one that they would be will to sell or trade (I have a
>
> bunch of spare 610 parts) please contact me and we can work something
>
> out.

>
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3873. RE: [T-368_BC-610] Connector "TO JB70"

Yahoo group: T-368_BC-610
Date: 2009-05-22 03:50:40 UTC
From: Dave Trainor
Topic: 3428  Message: 3873

I'm not sure why this message got recycled WA5CAB had the connector and I purchased it from him. If someone else is wanting to find one too, Robert WA5CAB is the man, his price is very reasonable and it's the exact connector needed.

Thanks Again Robert - I have my chassis out getting metal cleaned and powder coated, should have on the air in a few weeks, (my goal is to have it completely reassembled and operational before fall) hope to hear and work you on 80!

73 - Dave N8ZFM

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of wa5cab@...
Sent: Thursday, May 21, 2009 10:22 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] Connector "TO JB70"

Dave & Larry,

I don't think the Amphenol part number is in either the SCR-399 or the BC-610 manuals (any vintage) but in any case the connector that plugs into the
BC-614 to go to the JB-70 is the same as the one on the end of the CD-764
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it (and the female and the chassis connectors) listed in Radio Masters of
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it with that connector on the end. If the key in the center is broken off,
as it often is, you have to be damned careful plugging it in but it is still
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In a message dated 5/21/2009 7:52:53 PM Central Daylight Time, k1hh@... <mailto:k1hh%40naples.net> writes:
> Do you have the 610 manuals? that may be a dumb question since you
> have the transmitter but then to i've got the manuals and no transmitter.
>
> Larry

> W0OGH
>
> --- On Thu, 10/16/08, n8zfm <dave@... <mailto:dave%40n8zfm.com>
> wrote:
> From: n8zfm <dave@... <mailto:dave%40n8zfm.com> >
> Subject: [T-368_BC-610] Connector "TO JB70"
> To: T-368_BC-610@yahoogroups.com
<mailto:T-368_BC-610%40yahoogroups.com>
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>
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> so far been unable to find one.
>
> If anyone has one that they would be will to sell or trade (I have a
>
> bunch of spare 610 parts) please contact me and we can work something
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> out.
>
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

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# 3874. PE-197

Yahoo group: T-368_BC-610
Date: 2009-05-22 19:11:03 UTC
From: Mikhael (Mike) Brown
Topic: 3874  Message: 3874

I have a running Vintage Military PE-197 WW2 Army Signal Corp. Gas Generator, 6.3Kva, 125V I was thinking of selling. This the generator that was used with the BC-610. It is currenly painted yellow and has provided power for my house during power outages during the winter.

If you are interested contact me off the list.

# 3875. Re: [T-368_BC-610] Parts

Yahoo group: T-368_BC-610
Date: 2009-05-29 00:48:50 UTC
From: David Adams
Topic: 3819  Message: 3875

Hi tim just have not heard from u lately but i am still waiting to hear back from u david tnx

--- On Sun, 4/26/09, Tim Haake <dubtub88@...> wrote:

From: Tim Haake <dubtub88@...>
Subject: Re: [T-368_BC-610] Parts
To: T-368_BC-610@yahoogroups.com
Date: Sunday, April 26, 2009, 8:09 PM

Dave,

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tim

WA0TSY

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From: David Adams <wd5bzo@yahoo. com>

Subject: Re: [T-368_BC-610] Parts

To: T-368_BC-610@ yahoogroups. com

Date: Friday, April 10, 2009, 6:42 AM

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To: T-368_BC-610@ yahoogroups. com

Date: Saturday, April 4, 2009, 11:13 PM

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Subject: Re: [T-368_BC-610] Parts

To: T-368_BC-610@ yahoogroups. com

Date: Friday, April 3, 2009, 8:13 PM

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Tim

WA0TSY

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To: T-368_BC-610@ yahoogroups. com

Sent: Thursday, April 2, 2009 8:02:05 PM

Subject: Re: [T-368_BC-610] Parts

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From: dubtub88 <dubtub88@yahoo. com>

Subject: [T-368_BC-610] Parts

To: T-368_BC-610@ yahoogroups. com

Date: Thursday, April 2, 2009, 6:36 PM

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# 3876. Fw: BC-610 and 'ALL THAT" well 1066 maybe VK5WT

Yahoo group: T-368_BC-610
Date: 2009-05-30 14:55:20 UTC
From: James M. Walker
Topic: 3876  Message: 3876

----- Original Message -----
From: Andrew Tostevin
To: JAMES BC-610 WALKER
Sent: Saturday, May 30, 2009 4:10 AM
Subject: BC-610 and 'ALL THAT" well 1066 maybe VK5WT

Hello James, it's Andrew VK5WT here, well an Aussie finally cracked the brain...We love Aussie sets down under here,

but my friend Rick has a fettish for American 6x6 s and I recently got him into collecting WW2 radios...and he 's going to join the ranks
of Ham Radio...

As a general outgoing letter I knocked it all together - not thrown together,, [?]

And due to my endless overlaod I missed your BC-610 on ebay [or the one on Ebay you mentioned on the web]

item no - 200344030668 SOLD US $1,000.00 , [how did i miss it? -[see abhove] ] Q.E.D.

right, well the story is - we're mad keen, I have an Aussie CMP 42 Chev Wireless Truck operational down here [gravity works here too]

Anyway...here's the Doc file, and the rundown, on our new adventure into 6x6 truck with BC-610....it's only a start, ..

The truck is done, and some of the gear is together ....so WHY am i writing to you ? well we're hoping that something good might happen,

one day... Rick has a Shipping container coming out of Michigan with some searchlights, etc, nearly with doors closing soon, and
oh how we mourn for a BC-610 . well at least you'll be able to mention that we're down here hoping to find one...we heard a rumour of a BC 610
in Australia here, but it's 4 or 5 years old ..a hard trail to follow... no name etc..the ususal story ..

I am a Broadcast Tech, with a greater interst in Ham radio than Broadcasting, now isn't that strange...
I can tell you that our AM stereo is all but gone here, and I mourn for good AM Stereo...at least 5Kw into a pair of masts...

I love the Canadian Nautel 1986 era transmitter... and I prefer WW2 gear at home on air..

anyway - I have a website..that is always lacking, and here's a copy of the Doc file...
Regards Andrew VK5WT

website: http://users.esc.net.au/~tosty/

and the SCR-399 project page. ... on a Military vehcile website... [that i run ] ...
http://esc.net.au/~wvcg/SCR399/scr-399.htm

and the attached file ....

[Non-text portions of this message have been removed]

# 3877. T-368 Paint

Yahoo group: T-368_BC-610
Date: 2009-05-31 15:41:04 UTC
From: t368art13
Topic: 3877  Message: 3877

I have Barker & Williams T-368, S/N 41. considering re-paint cab & sceening anyone done this? Any screens out there for the T-368?

Randy, KC3CH

# 3878. RE: [T-368_BC-610] T-368 Paint

Yahoo group: T-368_BC-610
Date: 2009-05-31 16:11:58 UTC
From: Mike Feher
Topic: 3877  Message: 3878

I re-painted my T-368F a little over 20 years ago. Fortunately, mine had a front panel where the labeling was relatively easy to fill in, so, I did not need to concern myself with any screens. It looked almost mint after I was finished. I also replaced all of the HV wiring, essentially re-building the whole unit. Additionally, I re-built my speech processor per the N9FOY suggestions which mimicked an early RCA design (except using two 2E26s). The way I re-built the speech processor/driver was to use the existing chassis, and the connector that was on it. However, I cut off the top of the chassis, built the processor on a piece of aluminum plate and also utilized the original connector. When completed, I aluminum soldered the new speech processor plate to the remaining chassis. This way, the new processor fits right in where it was before and the existing plug from the modulator deck connects directly to the re-mounted old plug with no additional modifications. So, the whole process is easily reversible with an original speech processor, should anyone ever prefer it that way after I no longer have it. The feedback resistors from the modulator tubes were attached to two Teflon strips about ¼ inch thick and mounted to the side of the processor chassis near the modulator tubes. It looked, and, worked great. Several years later I incorporated the modifications recommended by Tim, WA1HLR, but in my case, I did not notice any improvement. Probably more info than you wanted, but, that is what I did with mine, which by the way not only looked terrible when I obtained it but was far from working as well for numerous reasons. One of these years I hope to get back on the air again with it. 73 ☐ Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of t368art13
Sent: Sunday, May 31, 2009 11:41 AM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] T-368 Paint

I have Barker & Williams T-368, S/N 41. considering re-paint cab & sceening anyone done this? Any screens out there for the T-368?

Randy, KC3CH

[Non-text portions of this message have been removed]

# 3879. RE: [T-368_BC-610] T-368 Paint

Yahoo group: T-368_BC-610
Date: 2009-06-01 11:38:50 UTC
From: Tom Mackie
Topic: 3877  Message: 3879

I thought Joe did screening when his was repainted - W3GMS

Also, you may want to contact W3HM. He has had a surprising number of screens made up through the years.

Tom

W2ILA

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
On Behalf Of t368art13
Sent: Sunday, May 31, 2009 11:41 AM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] T-368 Paint

I have Barker & Williams T-368, S/N 41. considering re-paint cab & sceening anyone done this? Any screens out there for the T-368?

Randy, KC3CH

[Non-text portions of this message have been removed]

# 3880. Re: T-368 Paint

Yahoo group: T-368_BC-610
Date: 2009-06-01 16:26:10 UTC
From: Tom Norris
Topic: 3877  Message: 3880

Panel screens would be a great idea. The T-368 I recently sold had need of a paint job, and I'm fairly certain none of the lettering was engraved.

Tom Norris NU4G

# 3881. RE: [T-368_BC-610] T-368 Paint

Yahoo group: T-368_BC-610
Date: 2009-06-05 02:53:12 UTC
From: Joe Foley
Topic: 3877  Message: 3881

If you're talking about me, no, I did not have mine screened when I repainted.

The two lower panels are engraved/stamped, only the RF deck is screened,.. crooked, too, I might add.

Joe

--- On Mon, 6/1/09, Tom Mackie <tom_mackie@...> wrote:

I thought Joe did screening when his was repainted - W3GMS

[Non-text portions of this message have been removed]

# 3882. T-368 Paint

Yahoo group: T-368_BC-610
Date: 2009-06-06 13:40:00 UTC
From: t368art13
Topic: 3877  Message: 3882

Thank you for all the ideas on re-paint of the T-368. At this point I am without a way to re-apply letters. so paint will have to wait.

Randy, KC3CH

# 3883. Re: [T-368_BC-610] T-368 Paint

Yahoo group: T-368_BC-610
Date: 2009-06-06 14:12:51 UTC
From: James M. Walker
Topic: 3877  Message: 3883

Actually,
If you want you can take a picture of the front panels, and
sides and back, in a size that is easily readable, take it/them
to an old tyme graphics designer, and have him make you
a set of silk screens and also quite possibly they will be
able to repaint them for you. The task is achieve-able
at any rate. The quality will vary depending on who
does the artwork for the screening. FWIW!

Jim
WB2FCN

----- Original Message -----
From: "t368art13" <t368art13@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Saturday, June 06, 2009 9:40 AM
Subject: [T-368_BC-610] T-368 Paint

>
> Thank you for all the ideas on re-paint of the T-368. At this point I am
> without a way to re-apply letters. so paint will have to wait.
>
> Randy, KC3CH
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>
>
>

# 3884. silk screen

Yahoo group: T-368_BC-610
Date: 2009-06-06 19:17:13 UTC
From: t368art13
Topic: 3884  Message: 3884

Jim,
Sounds like a plan. Thanks for the information.
Randy, KC3CH

# 3885. Re: [T-368_BC-610] T-368 Paint

Yahoo group: T-368_BC-610
Date: 2009-06-06 20:27:24 UTC
From: Keith Densmore
Topic: 3877  Message: 3885

I had a very bad front panel on the RF deck, so I removed it and sent it out for straightening (someone had beat it up with a chisel!) and paint and re-lettering (it was engraved).
The other two panels were in much better shape but stencilled not engraved. This I assume was due to mix 'n match at depot overhaul. So I masked off the lettering and re-sprayed the panels with a very close or exact match of paint color-- overall looks great, maybe not absolutely perfect, but mostly you look at the rf deck anyway.

73,
Keith ve3ts
----- Original Message -----
From: "t368art13" <t368art13@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Saturday, June 06, 2009 9:40 AM
Subject: [T-368_BC-610] T-368 Paint

>
> Thank you for all the ideas on re-paint of the T-368. At this point I am
> without a way to re-apply letters. so paint will have to wait.
>
> Randy, KC3CH
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 3886. RE: [T-368_BC-610] T-368 Paint

Yahoo group: T-368_BC-610
Date: 2009-06-08 15:58:38 UTC
From: John Oden
Topic: 3877  Message: 3886

You really should arrange for a silk screening process or a replacement panel.

To: T-368_BC-610@yahoogroups.com
From: t368art13@...
Date: Sat, 6 Jun 2009 13:40:00 +0000
Subject: [T-368_BC-610] T-368 Paint

Thank you for all the ideas on re-paint of the T-368. At this point I am without a way to re-apply letters. so paint will have to wait.

Randy, KC3CH

---
Insert movie times and more without leaving Hotmail®.
http://windowslive.com/Tutorial/Hotmail/QuickAdd?ocid=TXT_TAGLM_WL_HM_Tutorial_QuickAdd_06
2009

[Non-text portions of this message have been removed]

# 3887. T-368 Dates of Manufacture

Yahoo group: T-368_BC-610
Date: 2009-07-09 21:33:25 UTC
From: rodegear
Topic: 3887  Message: 3887

I'm happy with my T-368, but I've not been successful finding dates of manufacture, contract info, design info etc. Can anyone point me in the right direction?

Rodger
K1HH
T-368F Mfg by TRW Ser. No. 40 Order number 14527(E)

# 3888. RE: [T-368_BC-610] T-368 Dates of Manufacture

Yahoo group: T-368_BC-610
Date: 2009-07-10 01:23:41 UTC
From: Trevor
Topic: 3887  Message: 3888

I recall seeing something once that gave at least a
relative chronology, but I can't recall where. But I
am pretty confident that I recall seeing somewhere
that the "F" model (which was the last variant), if
that's what you have, was likely the one produced in
smallest quantities and least frequently seen.

73
Trevor
KD1YT

------- Original Message -------
From : rodegear[mailto:k1hh@...]
Sent : 7/9/2009 5:33:25 PM
To : T-368_BC-610@yahoogroups.com
Cc :
Subject : RE: [T-368_BC-610] T-368 Dates of Manufacture

I'm happy with my T-368, but I've not been
successful finding dates of manufacture, contract
info, design info etc. Can anyone point me in the
right direction?

Rodger

K1HH

T-368F Mfg by TRW Ser. No. 40 Order number 14527(E)

# 3889. RE: [T-368_BC-610] T-368 Dates of Manufacture

Yahoo group: T-368_BC-610
Date: 2009-07-10 01:36:33 UTC
From: Tom Mackie
Topic: 3887  Message: 3889

There was a “registry” going at one time years ago. I don’t remember the keeper.

The manual TM11-809-35, TO31R2-2URT-134 dated December 1958 covers T-368/URT and A,B,C,D,E

The change notes issued 15 Oct ’59 show that the D model was still in contract in 1958.

That’s about where my documentation ends.

TX hr is T-368F/URT #103 ECCO Electronic Components.

Contract DAAB05-67-C0022

Tom

W2ILA

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Trevor
Sent: Thursday, July 09, 2009 9:24 PM
To: T-368_BC-610@yahoogroups.com
Subject: RE: [T-368_BC-610] T-368 Dates of Manufacture

I recall seeing something once that gave at least a
relative chronology, but I can't recall where. But I
am pretty confident that I recall seeing somewhere
that the "F" model (which was the last variant), if
that's what you have, was likely the one produced in
smallest quantities and least frequently seen.

73
Trevor
KD1YT

------- Original Message -------
From : rodegear[mailto:k1hh@... <mailto:k1hh%40naples.net> ]
Sent : 7/9/2009 5:33:25 PM
To : T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
Cc :
Subject : RE: [T-368_BC-610] T-368 Dates of Manufacture

I'm happy with my T-368, but I've not been
successful finding dates of manufacture, contract
info, design info etc. Can anyone point me in the
right direction?

Rodger

K1HH

T-368F Mfg by TRW Ser. No. 40 Order number 14527(E)

[Non-text portions of this message have been removed]

# 3890. RE: [T-368_BC-610] T-368 Dates of Manufacture

Yahoo group: T-368_BC-610
Date: 2009-07-10 01:50:00 UTC
From: Meir WF2U
Topic: 3887  Message: 3890

The T-368 registry resides in the group's Yahoo website, in the Database section. The direct link to it is:
http://groups.yahoo.com/group/T-368_BC-610/database?method=reportRows&tbl=1

73,

Meir WF2U
Landrum, SC (1962 contract T-368E).

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Tom Mackie
Sent: Thursday, July 09, 2009 9:37 PM
To: T-368_BC-610@yahoogroups.com
Subject: RE: [T-368_BC-610] T-368 Dates of Manufacture

There was a "registry" going at one time years ago. I don't remember the keeper.

The manual TM11-809-35, TO31R2-2URT-134 dated December 1958 covers T-368/URT and A,B,C,D,E

The change notes issued 15 Oct '59 show that the D model was still in contract in 1958.

That's about where my documentation ends.

TX hr is T-368F/URT #103 ECCO Electronic Components.

Contract DAAB05-67-C0022

Tom

W2ILA

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Trevor

Sent: Thursday, July 09, 2009 9:24 PM

To: T-368_BC-610@yahoogroups.com

Subject: RE: [T-368_BC-610] T-368 Dates of Manufacture

I recall seeing something once that gave at least a

relative chronology, but I can't recall where. But I

am pretty confident that I recall seeing somewhere

that the "F" model (which was the last variant), if

that's what you have, was likely the one produced in

smallest quantities and least frequently seen.

73

Trevor

KD1YT

------- Original Message -------

From : rodegear[mailto:k1hh@... <mailto:k1hh%40naples.net> ]

Sent : 7/9/2009 5:33:25 PM

To : T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>

Cc :

Subject : RE: [T-368_BC-610] T-368 Dates of Manufacture

I'm happy with my T-368, but I've not been

successful finding dates of manufacture, contract

info, design info etc. Can anyone point me in the

right direction?

Rodger

K1HH

T-368F Mfg by TRW Ser. No. 40 Order number 14527(E)

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.375 / Virus Database: 270.12.81/2189 - Release Date: 07/09/09
05:55:00

# 3891. Re: [T-368_BC-610] T-368 Dates of Manufacture

Yahoo group: T-368_BC-610
Date: 2009-07-10 02:54:45 UTC
From: wa5cab@cs.com
Topic: 3887  Message: 3891

OK. Your transmitter was ordered in FY '67, which means between 01 July 1966 and 30 June 1967. But I don't have enough examples of Post Signal Corps order numbers to say whether it was early in the year (because of the 0022) or late in the year (because of the C).

In a message dated 7/9/2009 8:37:17 PM Central Daylight Time, tom_mackie@... writes:
> TX hr is T-368F/URT #103 ECCO Electronic Components.
>
> Contract DAAB05-67-C0022

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3892. Re: [T-368_BC-610] T-368 Dates of Manufacture

Yahoo group: T-368_BC-610
Date: 2009-07-10 03:45:51 UTC
From: wa5cab@cs.com
Topic: 3887  Message: 3892

For the record, whoever set up the registry made an error in the column headers. The one headed "Contract" should read "Order" at least through most of the production life of the T-368. Most T-368's were built before the destruction of the Signal Corps by the Pentomic Army Idiots in their return to late 18th Century organization. A Signal Corps Contract was non-specific as to equipment. In Civilian terms, it was a broad purchase agreement or contractor approval document. It basically said only that so and so was an approved contractor and authorized to bid on Signal Corp RFQ's, which might lead to Orders.

The equipment specific document was the Signal Corps Order. And the Order Number was of the format Sequential Number(beginning with 1)-Depot-Year. As in 14-CHI-42, the initial order for the BC-611 Handie-Talkie. This order was the 14th placed by the Chicago Signal Depot in FY 1942. It was placed during the first week of July, 1941 with Galvin Mfg Co. for production of the BC-611-A. In the mid 50's the abbreviation for the Philadelphia Signal Depot began to vary for no reason I have ever been able to determine. But the basic syntex continued until about 1962.

In a message dated 7/9/2009 8:51:25 PM Central Daylight Time,
wf2u@... writes:
> The T-368 registry resides in the group's Yahoo website, in the Database
> section. The direct link to it is:
> http://groups.yahoo.com/group/T-368_BC-610/database?method=reportRows&
> tbl=1
>
> 73,
>
> Meir WF2U
> Landrum, SC (1962 contract T-368E).
>
>
>
> -----Original Message-----
> From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
> On
> Behalf Of Tom Mackie
> Sent: Thursday, July 09, 2009 9:37 PM
> To: T-368_BC-610@yahoogroups.com
> Subject: RE: [T-368_BC-610] T-368 Dates of Manufacture
>
> There was a "registry" going at one time years ago. I don't remember the
> keeper.
>
>

>
> The manual TM11-809-35, TO31R2-2URT-134 dated December 1958 covers
> T-368/URT
> and A,B,C,D,E
>
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3893. (no subject)

Yahoo group: T-368_BC-610
Date: 2009-07-12 01:06:00 UTC
From: Rich MC Clung
Topic: 3893  Message: 3893

Hey Guy's check this out....
http://tinyurl.com/nyo29m
They have a lot of military manuals.
RICH  WA6KNW

[Non-text portions of this message have been removed]

# 3894. Re: bc610 screws

Yahoo group: T-368_BC-610
Date: 2009-07-20 18:16:15 UTC
From: Alan Morriss
Topic: 3894  Message: 3894

hello bob, i have taken the rf deck off my bc610, and gone over it. unfortunately i have lost the screws which go into the terminal board for the connecting leads. there are 8 of them. although i have found some which will do, the correct ones are unobtainable here. could you help me ? cheers, alan
----- Original Message -----
From: wa5cab@...
To: T-368_BC-610@yahoogroups.com
Sent: Friday, July 10, 2009 4:45 AM
Subject: Re: [T-368_BC-610] T-368 Dates of Manufacture

For the record, whoever set up the registry made an error in the column headers. The one headed "Contract" should read "Order" at least through most of the production life of the T-368. Most T-368's were built before the destruction of the Signal Corps by the Pentomic Army Idiots in their return to late 18th Century organization. A Signal Corps Contract was non-specific as to equipment. In Civilian terms, it was a broad purchase agreement or contractor approval document. It basically said only that so and so was an approved contractor and authorized to bid on Signal Corp RFQ's, which might lead to Orders.

The equipment specific document was the Signal Corps Order. And the Order Number was of the format Sequential Number(beginning with 1)-Depot-Year. As in 14-CHI-42, the initial order for the BC-611 Handie-Talkie. This order was the 14th placed by the Chicago Signal Depot in FY 1942. It was placed during the first week of July, 1941 with Galvin Mfg Co. for production of the BC-611-A. In the mid 50's the abbreviation for the Philadelphia Signal Depot began to vary for no reason I have ever been able to determine. But the basic syntex continued until about 1962.

In a message dated 7/9/2009 8:51:25 PM Central Daylight Time,
wf2u@... writes:
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> tbl=1
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> 73,
>
> Meir WF2U
> Landrum, SC (1962 contract T-368E).
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>
> -----Original Message-----
> From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
> On

> Behalf Of Tom Mackie
> Sent: Thursday, July 09, 2009 9:37 PM
> To: T-368_BC-610@yahoogroups.com
> Subject: RE: [T-368_BC-610] T-368 Dates of Manufacture
>
> There was a "registry" going at one time years ago. I don't remember the
> keeper.
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>
> The manual TM11-809-35, TO31R2-2URT-134 dated December 1958 covers
> T-368/URT
> and A,B,C,D,E
>
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3895. PA Meter glass for BC-610-I

Yahoo group: T-368_BC-610
Date: 2009-07-23 15:21:29 UTC
From: n8zfm
Topic: 3895  Message: 3895

I have cracked my meter glass for the PA Plate meter, does anyone know of a source for a replacement glass? This is the outer glass for the meter. I have never seen a another meter with the convex curve to steal one from, and of course all I can get from the hardware store is a flat piece and I have no way to "curve" it.
Really depressed me last night when I noticed it. I had just replaced it after getting the ring refinished and maybe I tightened the screws too much, it was fine when I left it and then came back this morning to a nice crack all the way across. Most likely un-obtainium as the local 1943 parts store is out of business.

73 - Dave N8ZFM

# 3896. Re: [T-368_BC-610] PA Meter glass for BC-610-I

Yahoo group: T-368_BC-610
Date: 2009-07-23 17:38:50 UTC
From: Alan Morriss
Topic: 3895  Message: 3896

hello dave, you might have to send it to a glass works. they could make up a replica. i had something in that line a while ago. i was restoring a wimshurst machine abour 100 years old, and could not get suitable glass jars for the leyden jars. i had some made, and they didnt cost all that much. i would imagine a glass works could make up a replica for you easily. cheers, alan g4gen
----- Original Message -----
From: n8zfm
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, July 23, 2009 4:21 PM
Subject: [T-368_BC-610] PA Meter glass for BC-610-I

I have cracked my meter glass for the PA Plate meter, does anyone know of a source for a replacement glass? This is the outer glass for the meter. I have never seen a another meter with the convex curve to steal one from, and of course all I can get from the hardware store is a flat piece and I have no way to "curve" it.
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73 - Dave N8ZFM

[Non-text portions of this message have been removed]

# 3897. RE: [T-368_BC-610] PA Meter glass for BC-610-I

Yahoo group: T-368_BC-610
Date: 2009-07-23 18:28:34 UTC
From: Dave Trainor
Topic: 3895  Message: 3897

Thanks Alan, I thought of that and then figured it would cost a fortune. I will try and see, there is a place where they do the little blown glass nick nacks that I know of.

73 - Dave N8ZFM

From: Alan Morriss
Sent: Thu 7/23/2009 1:38 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] PA Meter glass for BC-610-I

hello dave, you might have to send it to a glass works. they could make up a replica. i had something in that line a while ago. i was restoring a wimshurst machine abour 100 years old, and could not get suitable glass jars for the leyden jars. i had some made, and they didnt cost all that much. i would imagine a glass works could make up a replica for you easily. cheers, alan g4gen
----- Original Message -----
From: n8zfm
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, July 23, 2009 4:21 PM
Subject: [T-368_BC-610] PA Meter glass for BC-610-I

I have cracked my meter glass for the PA Plate meter, does anyone know of a source for a replacement glass? This is the outer glass for the meter. I have never seen a another meter with the convex curve to steal one from, and of course all I can get from the hardware store is a flat piece and I have no way to "curve" it.
Really depressed me last night when I noticed it. I had just replaced it after getting the ring refinished and maybe I tightened the screws too much, it was fine when I left it and then came back this morning to a nice crack all the way across. Most likely un-obtainium as the local 1943 parts store is out of business.

73 - Dave N8ZFM

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3898. Re:PA Meter glass for BC-610-I

Yahoo group: T-368_BC-610
Date: 2009-07-23 21:48:58 UTC
From: boatanchor@martasystems.com
Topic: 3895  Message: 3898

Dave -

I had the same problem, but I had another meter of the same style but different characteristics with the same curved glass. After a lot of work replacing one with the other, and reassembly and reinstallation into the transmitter, I found it cracked several days later. I don't think I over tightened it, either. Guess some trick is required to relieve the stress. The glass has a beveled edge and is held to the ring with solder flowed over the bevel. It's really difficult to replace.

I got very lucky and found a replacement on Ebay a few months later, but I still have my cracked-glass meter as a spare. If you figure something out, please let us know.

john wb6azp

# 3899. Re: [T-368_BC-610] PA Meter glass for BC-610-I

Yahoo group: T-368_BC-610
Date: 2009-07-24 07:07:13 UTC
From: Alan Morriss
Topic: 3895  Message: 3899

good luck ! the 2 jars were really high quality and cost about $20. that was about ten years ago.cheers, alan
----- Original Message -----
From: Dave Trainor
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, July 23, 2009 7:28 PM
Subject: RE: [T-368_BC-610] PA Meter glass for BC-610-I

Thanks Alan, I thought of that and then figured it would cost a fortune. I will try and see, there is a place where they do the little blown glass nick nacks that I know of.

73 - Dave N8ZFM

From: Alan Morriss
Sent: Thu 7/23/2009 1:38 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] PA Meter glass for BC-610-I

hello dave, you might have to send it to a glass works. they could make up a replica. i had something in that line a while ago. i was restoring a wimshurst machine abour 100 years old, and could not get suitable glass jars for the leyden jars. i had some made, and they didnt cost all that much. i would imagine a glass works could make up a replica for you easily. cheers, alan g4gen
----- Original Message -----
From: n8zfm
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, July 23, 2009 4:21 PM
Subject: [T-368_BC-610] PA Meter glass for BC-610-I

I have cracked my meter glass for the PA Plate meter, does anyone know of a source for a replacement glass? This is the outer glass for the meter. I have never seen a another meter with the convex curve to steal one from, and of course all I can get from the hardware store is a flat piece and I have no way to "curve" it.
Really depressed me last night when I noticed it. I had just replaced it after getting the ring refinished and maybe I tightened the screws too much, it was fine when I left it and then came back this morning to a nice crack all the way across. Most likely un-obtainium as the local 1943 parts store is out of business.

73 - Dave N8ZFM

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3900. RE: [T-368_BC-610] BC-610_E for sale

Yahoo group: T-368_BC-610
Date: 2009-07-30 14:28:59 UTC
From: Thekan, Paul
Topic: 3117  Message: 3900

Hi Mike Is your 610 still for sale? There is a group doing a SCR 399 down in Australia that is looking for what you have. 73 Paul _____ From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Mikhael (Mike) Brown Sent: Friday, April 11, 2008 10:57 AM To: T-368_BC-610@yahoogroups.com Subject: [T-368_BC-610] BC-610_E for sale I have a BC-610-E for sale with the following: BC-614 Speech Amp BC-939 Tuner JB-70 Junction Box all coils from 160 meters up all Tuning Units from 160 meters up BX-34 crystal box Some Crystals for 80 and 40 meters KY-116 leg iron and T-50 mic With all tubes Spare Tl-250 Original Manual I located in Oakhurst, Ca, 50 miles north of Fresno. Selling it all as one package, PU only Asking $2500, Pictures available. Contact me offline: Mike, N6WIG _____

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[Non-text portions of this message have been removed]

# 3901. My how time flies !

Yahoo group: T-368_BC-610
Date: 2009-08-15 02:13:39 UTC
From: redmenaced
Topic: 3901  Message: 3901

This list is ten years old as of this month!

And there are 215 people reading this post!

Joe

# 3902. Re: [T-368_BC-610] My how time flies !

Yahoo group: T-368_BC-610
Date: 2009-08-15 11:49:42 UTC
From: Geoff/W5OMR
Topic: 3901  Message: 3902

redmenaced wrote:
> This list is ten years old as of this month!
>
> And there are 215 people reading this post!
>
> Joe

Which means there are 215 people that either have, had or want a BC-610
or T-368.

My homebrew rig combines the best of both worlds...

250TH's (push-pull, link couple) in the final,
250TH's in the modulator, with a T-368 Modulation transformer.

--
73 = Best Regards,
-Geoff/W5OMR (/5 Baja Spring, TX)

# 3903. Re: [T-368_BC-610] My how time flies !

Yahoo group: T-368_BC-610
Date: 2009-08-15 11:50:56 UTC
From: Geoff/W5OMR
Topic: 3901  Message: 3903

redmenaced wrote:
> This list is ten years old as of this month!
>
> And there are 215 people reading this post!
>

That means, there are 215 BC-610's and T-368's out there that we have either had, have, or are lusting after. ;-)

Happy Anniversary, Joe.

--
Geoff/W5OMR (/5 Baja Spring, TX)

# 3904. Re: [T-368_BC-610] My how time flies !

Yahoo group: T-368_BC-610
Date: 2009-08-15 12:10:24 UTC
From: Todd, KA1KAQ
Topic: 3901  Message: 3904

And I still remember clearly talking with you via email about your (rough) trip to collect your T-368 kit from Fair too, Joe. As well as the many, many good times had prior to this list over on the old R-390 list, before the new-age experts arrived.

Found my BC-610 E a few years back and sold it to a fellow in Maine before the move south. Still have W1DEC's T-368 here waiting to find the problem in the HV. I'll be completing the first 240v line in the new radio room today, so progress is being made.

Happy Anniversary to all the other sic....enlightened folks on this list. Locating, hauling, restoring, repairing, operating....it's all good stuff, even when it makes us curse and throw tools. :D

~ Todd, KA1KAQ/4

On Fri, Aug 14, 2009 at 10:13 PM, redmenaced <redmenaced@...> wrote:

>
>
> This list is ten years old as of this month!
>
> And there are 215 people reading this post!
>
> Joe
>
>
>

[Non-text portions of this message have been removed]

# 3905. Big sale with T3

Yahoo group: T-368_BC-610
Date: 2009-08-19 23:11:45 UTC
From: Ron.K3PID
Topic: 3905  Message: 3905

One of these emails has pictures.... Too bad I don't live in NJ... wait! maybe not!

Ron H
--
This outgoing email was scanned by
Norton Antivirus Corp. Edition
and found to be virus free!

[Non-text portions of this message have been removed]

# 3906. OK, Here's the T-3 sale scoop

Yahoo group: T-368_BC-610
Date: 2009-08-20 23:56:00 UTC
From: Ron.K3PID
Topic: 3906  Message: 3906

I included the original email but Yahoo stripped it off along with the link.

Here is a link to the guys collection - h t t p : / / w 2 d t c . c o m / 2 0 0 7 - 0 6 2 5 - n 4 f s - p a g e . h t m

and here is the text of his post: Sorry for the confusion!
**********
I am selling off the majority of my collection which includes 1000's of items. There are hundreds of radios of all kind. From the turn of the century to the Vietnam war. Here is a short list:

Military Radios - Transmitters/Receivers - Domestic & Foreign
Collectible radios - TRFs, Neutrodynes, Regenerative - Domestic & Foreign
Crystal Sets - Domestic and Foreign
10,000's of tubes of all sorts.
Ham radio items
Literature
Test Equipment
Parts
Etc.....

Some of these have some water damage and will require some TLC and all will be priced accordingly. There are some extremely rare items here. Extremely reasonable for items needing help. There is also a lot of equipment that does not have any water damage. All items will be priced to sell, or alternatively I will be open to offers.

So, come with a big truck and a big wad of cash and guaranteed you will be happy. The bigger your pile, the better the price. Please - no tire kickers, as I would only like to schedule people truly intending to buy and carry, some, or a lot, of items away. This would then help in scheduling the most interested people first. The dumpster is already here.

Call for an appointment as I can only have a few here at a time, so, scheduling will be necessary as stated above. I also do not want people fighting over items. First called first served as the saying goes. So far I am only putting the word out on various reflectors, but, eventually will advertise on Craigslist. If you call, and the answering machine answers, I will return call in the order received to arrange an appointment.

I will be available most days and evenings, but, weekends would be best.

Thanks & Looking forward to seeing you all. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731

732-886-5960

**********
Ron H
--
This outgoing email was scanned by
Norton Antivirus Corp. Edition
and found to be virus free!
----- Original Message -----
From: Todd, KA1KAQ
To: T-368_BC-610@yahoogroups.com
Sent: Saturday, August 15, 2009 7:10 AM
Subject: Re: [T-368_BC-610] My how time flies !

And I still remember clearly talking with you via email about your (rough)
trip to collect your T-368 kit from Fair too, Joe. As well as the many, many
good times had prior to this list over on the old R-390 list, before the
new-age experts arrived.

Found my BC-610 E a few years back and sold it to a fellow in Maine before
the move south. Still have W1DEC's T-368 here waiting to find the problem in
the HV. I'll be completing the first 240v line in the new radio room today,
so progress is being made.

Happy Anniversary to all the other sic....enlightened folks on this list.
Locating, hauling, restoring, repairing, operating....it's all good stuff,
even when it makes us curse and throw tools. :D

~ Todd, KA1KAQ/4

On Fri, Aug 14, 2009 at 10:13 PM, redmenaced <redmenaced@...> wrote:

>
>
> This list is ten years old as of this month!
>
> And there are 215 people reading this post!
>
> Joe
>
>
>

[Non-text portions of this message have been removed]

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Yahoo! Groups Links

# 3907. Big Radio/Electroncs Sale

Yahoo group: T-368_BC-610
Date: 2009-08-21 10:49:00 UTC
From: Mike Feher
Topic: 3905  Message: 3907

PLEASE READ THE ENTIRE POST -

It seems a few people are getting the posts in digest form and have not seen the photos that represent about 10 % of what is here. As I will re-iterate below, not everything you see in the photos is for sale, but, most are.

Regardless, I have compiled my previous posts into one, and, you can find the link on the bottom of the page.

I am getting saturated by emails. I tried answering a few, but unfortunately

I cannot type as fast as I can talk, so, as I asked, please call. Phone

calls now are essentially free, it will help both of us. There is too much here to make a list, but, if you call I will try and accommodate specific requests as to whether I have certain items or not. Also, At this time I prefer not to ship. I would like to get rid of a lot of items at a relatively leisurely rate, at least for me. Some were here yesterday and that worked out great. The rest - below, are my initial posts combined into one.

I am selling off the majority of my collection which includes 1000's of

items. There are hundreds of radios of all kind. From the turn of the

century to the Vietnam war. Here is a short list:

Military Radios - Transmitters/Receivers - Domestic & Foreign

Collectible radios - TRFs, Neutrodynes, Regenerative - Domestic & Foreign

Crystal Sets - Domestic and Foreign

10,000's of tubes of all sorts.

Ham radio items

Literature

Test Equipment

Parts

Telegraph items

Very early "radio fax machine" as depicted in ARC a few years ago

Original National FBX with built in power supply.

Etc.....

Some of these have some water damage and will require some TLC and all will be priced accordingly. There are some extremely rare items here. Extremely reasonable for items needing help. There are also a lot of equipment that do not have any water damage. All items will be priced to sell, or alternatively I will be open to offers.

So, come with a big truck and a big wad of cash and guaranteed you will be happy. The bigger your pile, the better the price. Please - no tire kickers, as I would only like to schedule people truly intending to buy and carry, some, or a lot, of items away. This would then help in scheduling the most interested people first. The dumpster is already here.

Call for an appointment as I can only have a few here at a time, so, scheduling will be necessary as stated above. I also do not want people fighting over items. First called first served as the saying goes. So far I am only putting the word out on various reflectors, but, eventually will advertise on Craigslist. If you call, and the answering machine answers, I will return calls in the order received to arrange an appointment.

I will be available most days and evenings, but, weekends would be best.

For those of you who have never been here -here is a web page created by Ken (W2DTC), for me, that shows maybe about 10% of what is here, or what was here in some cases. Regardless it will give you a better idea.

http://w2dtc.com/2007-0625-n4fs-page.htm

Thanks & Looking forward to seeing you all. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

[Non-text portions of this message have been removed]

# 3908. Good Microphone for HT-4/BC-610 HT-5x Speech Amp

Yahoo group: T-368_BC-610
Date: 2009-08-23 01:54:29 UTC
From: bayonetdad
Topic: 3908  Message: 3908

Hi,

What would be a good microphone to use with the HT-4/BC-610 speech amp? Should I invest in something really good like a Heil high impedance mic?

If you have a recommendation would appreciate getting the maker and model number to purchase.

Many thanks.

VY 73,

Greg
K6SRO

# 3909. 100TH and 250TH advice and or comment

Yahoo group: T-368_BC-610
Date: 2009-08-25 16:06:59 UTC
From: rbethman
Topic: 3909  Message: 3909

Question:

I have noticed that the 100THs and 250THS that are in their original boxes, either not used at all, or maybe use for less than an hour to test them, seem to be doing fine.

Their envelopes are crystal clear an can not see any sort of defect.

Then the ones that are in one of the two BC-610s that has the hours on it, even though it last performed flawlessly, now appears to have gone gassy with some milky white inside the envelope.

Is this perhaps due to over heating or maybe I should phrase this as the convection cooling of these radios since they do NOT have fans.

Ideas? Comments?

It has always been metered and watched with a scope for observing waveforms, and the wattmeter is the newer Model Bird with peak reading built-in. (However true they really are!)

Bob - N0DGN

# 3910. Re: [T-368_BC-610] 100TH and 250TH advice and or comment

Yahoo group: T-368_BC-610
Date: 2009-08-25 16:50:42 UTC
From: Tom Smith
Topic: 3909  Message: 3910

It may not do a lot of good but I built a rear TX cover and run fans
on mine. I never had new tubes for my tx but I really don't want to
replace the ones I have and so far have been lucky.

N5AMA

On Tue, 25 Aug 2009 12:06:59 -0400
rbethman <rbethman@...> wrote:
> Question:
>
> I have noticed that the 100THs and 250THS that are in their original
> boxes, either not used at all, or maybe use for less than an hour to
> test them, seem to be doing fine.
>
> Their envelopes are crystal clear an can not see any sort of defect.
>
> Then the ones that are in one of the two BC-610s that has the hours
>on
> it, even though it last performed flawlessly, now appears to have
>gone
> gassy with some milky white inside the envelope.
>
> Is this perhaps due to over heating or maybe I should phrase this as
>the
> convection cooling of these radios since they do NOT have fans.
>
> Ideas? Comments?
>
> It has always been metered and watched with a scope for observing
> waveforms, and the wattmeter is the newer Model Bird with peak
>reading
> built-in. (However true they really are!)
>
> Bob - N0DGN
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> ------------------------------------
>
> Yahoo! Groups Links
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# 3911. Re: [T-368_BC-610] 100TH and 250TH advice and or comment

Yahoo group: T-368_BC-610
Date: 2009-08-25 17:12:57 UTC
From: rbethman
Topic: 3909  Message: 3911

Tom,

The T-213 version, (Last model of them. Done in Depot in 1959), indeed
has a back panel.

I'm almost afraid to look in it!

The first one did fine for about two or three years. Then I had to
leave them alone as I nursed through rotator cuff surgery on one
shoulder, followed by significant repairs on the OTHER side.

Both of them were put on a "moving man" dolly right off the get go. The
wife has wall to wall carpeting over the bare concrete. So while
getting well, I really couldn't move them around.

I'm starting to think that a couple of muffin fans may be the route to go.

Someone offered to sell and ship me a back cover some years back. To be
honest, it was painted turquoise, had a low-pass filter bolted to it,
and was stored in a barn - and really showed it to!

That's why the first one never got a back panel!

Bob - N0DGN

Tom Smith wrote:
>
>
> It may not do a lot of good but I built a rear TX cover and run fans
> on mine. I never had new tubes for my tx but I really don't want to
> replace the ones I have and so far have been lucky.
>
> N5AMA
>
> On Tue, 25 Aug 2009 12:06:59 -0400
> rbethman <rbethman@... <mailto:rbethman%40comcast.net>> wrote:
> > Question:
> >
> > I have noticed that the 100THs and 250THS that are in their original
> > boxes, either not used at all, or maybe use for less than an hour to
> > test them, seem to be doing fine.
> >
> > Their envelopes are crystal clear an can not see any sort of defect.
> >
> > Then the ones that are in one of the two BC-610s that has the hours
> >on
> > it, even though it last performed flawlessly, now appears to have

> >gone
> > gassy with some milky white inside the envelope.
> >
> > Is this perhaps due to over heating or maybe I should phrase this as
> >the
> > convection cooling of these radios since they do NOT have fans.
> >
> > Ideas? Comments?
> >
> > It has always been metered and watched with a scope for observing
> > waveforms, and the wattmeter is the newer Model Bird with peak
> >reading
> > built-in. (However true they really are!)
> >
> > Bob - N0DGN
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> >
> > Yahoo! Groups Links
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+--------------------------------------------------------------------+
| AM Amateur Radio Operator NØDGN |
+--------------------------------------------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| \\ ~ ~ // signal does *NOT* mean |
| rbethman@... (/ @ @ /) that everything is OK " |
+-------------------------oOOo-(_)-oOOo----------------------------+

[Non-text portions of this message have been removed]

# 3912. Re: [T-368_BC-610] 100TH and 250TH advice and or comment

Yahoo group: T-368_BC-610
Date: 2009-08-25 20:15:58 UTC
From: Geoff/W5OMR
Topic: 3909  Message: 3912

rbethman wrote:
> Question:
>
> I have noticed that the 100THs and 250THS that are in their original
> boxes, either not used at all, or maybe use for less than an hour to
> test them, seem to be doing fine.
>
> Their envelopes are crystal clear an can not see any sort of defect.
>
> Then the ones that are in one of the two BC-610s that has the hours on
> it, even though it last performed flawlessly, now appears to have gone
> gassy with some milky white inside the envelope.
>
> Is this perhaps due to over heating or maybe I should phrase this as the
> convection cooling of these radios since they do NOT have fans.
>
> Ideas? Comments?
>
> It has always been metered and watched with a scope for observing
> waveforms, and the wattmeter is the newer Model Bird with peak reading
> built-in. (However true they really are!)
>

There was a long and lengthy discussion regarding the big Transmitting tubes from Eimac, and lessons from Eittle-McCullough engineers on the proper operating of those big old Thoriated tungsten steel filament fire bottles.

Pretty much, they say that there's only a +/- 5% difference in voltage -at the filament pins) tolarence for proper operation and long life. Too low a voltage, according to them, is just as bad as having too much.

5V at 10.5amp is what the 250TH requires. If you're like me and have a dozen or so spares (none that are for sale for most -are- gassy and none of them have been fired up in 3 years) if you -do- want to chase the gas out of 'em, then run the filament voltage -up- to say, 6v for a day or so. AT least that's been the recommendations I get.

Check with Don/K4KYV. He's the knowledgeable expert on this subject.

--
73 = Best Regards,
-Geoff/W5OMR (/5 Baja Spring, TX)

# 3913. Re: [T-368_BC-610] 100TH and 250TH advice and or comment

Yahoo group: T-368_BC-610
Date: 2009-08-26 01:55:17 UTC
From: Joe Foley
Topic: 3909  Message: 3913

Check with Don/K4KYV. He's the knowledgeable expert on this subject.++++++++++++But is Don on the internet yet?  I don't think he even has a computer.
Oh, no!  You'll just have to catch him on the RADIO!
Joe

[Non-text portions of this message have been removed]

# 3914. Re: [T-368_BC-610] 100TH and 250TH advice and or comment

Yahoo group: T-368_BC-610
Date: 2009-08-26 14:14:49 UTC
From: rbethman
Topic: 3909  Message: 3914

Joe,

Don turns up on one of the horde of lists from time to time.

Although I'd PROBABLY do better lighting up the T-213 to talk to him!

Bob - N0DGN

Joe Foley wrote:
>
>
>
>
> Check with Don/K4KYV. He's the knowledgeable expert on this
> subject.++++++++++++But is Don on the internet yet? I don't think he
> even has a computer.
> Oh, no! You'll just have to catch him on the RADIO!
> Joe
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> [Non-text portions of this message have been removed]
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>

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+----------------------------------------------------------------+
| AM Amateur Radio Operator NØDGN |
+----------------------------------------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| \\ ~ ~ // signal does *NOT* mean |
| rbethman@... (/ @ @ /) that everything is OK " |
+-------------------------oOOo-(_)-oOOo----------------------------+

[Non-text portions of this message have been removed]

# 3915. Re: [T-368_BC-610] 100TH and 250TH advice and or comment

Yahoo group: T-368_BC-610
Date: 2009-08-26 14:54:21 UTC
From: rbethman
Topic: 3909  Message: 3915

Joe,

Don turns up the AMRadio list on a random basis.
Bob - N0DGN

Joe Foley wrote:
>
>
>
>
> Check with Don/K4KYV. He's the knowledgeable expert on this
> subject.++++++++++++But is Don on the internet yet? I don't think he
> even has a computer.
> Oh, no! You'll just have to catch him on the RADIO!
> Joe
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> [Non-text portions of this message have been removed]
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>

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+-----------------------------------------------------------+
| AM Amateur Radio Operator NØDGN |
+-----------------------------------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| \\ ~ ~ // signal does *NOT* mean |
| rbethman@... <mailto:rbethman%40comcast.net> (/ @ @ /) that
everything is OK " |
+-------------------------oOOo-(_)-oOOo----------------------------+

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3916. Re: [T-368_BC-610] 100TH and 250TH advice and or comment

Yahoo group: T-368_BC-610
Date: 2009-08-27 11:55:02 UTC
From: Geoff/W5OMR
Topic: 3909  Message: 3916

Joe Foley wrote:
> Check with Don/K4KYV. He's the knowledgeable expert on this subject.++++++++++++But is Don on the internet yet? I don't think he even has a computer.
> Oh, no! You'll just have to catch him on the RADIO!
> Joe
>
>
>

Well, SURE, Don is on the internet. It was his input and transcribings
from the engineers at Eimac that led me to that suggestion.

4 or 5 years ago... the in AM Reflector. He's also on the AMFone.net site.

Do a google search for "k4kyv". Don is -everywhere- ;-)

(Operating your AM Rig without a scope, is like
Driving your car at night without headlights -k4kyv)

--
73 = Best Regards,
-Geoff/W5OMR

# 3917. Re: Good Microphone for HT-4/BC-610 HT-5x Speech Amp

Yahoo group: T-368_BC-610
Date: 2009-09-02 14:00:39 UTC
From: bayonetdad
Topic: 3908  Message: 3917

I wrote Heil Sound and received this reply from Bob Heil, so thought I'd share it here FWIW. I might give this configuration a try.

Greg/K6SRO
---
"HI Greg
Congratulations on your license. I know it was a struggle but so well worth it. Amateur radio has been my electronics college education and I have been extremely active since 1956.

I still have some of my early rigs and use them weekly if not daily. I am checked into the Vintage SSB net on 14.292 as I do each Sunday when here in our Illinois home (near St Louis). Today it was the C.E. 20a and 600L, Drake 2B receiver. Also have my 1962 HT 37, 1956 Harvey Wells TBS 50D along with the Harvey Wells T90 and 75A4. Several other good things in the vintage cabinet also.

Greg, here is what I suggest and what I use. You have various impedances along with various input sensitivity and gain with the older gear. I absolutely despise the D104. always have - my entire life. The stand an PTT is a joke. The sound is much TOO tinny (as you discovered). First, Spend 50 bucks or so for a Behringer UB 802 mixer, preamp,EQ and GREAT headphone amp when used for receive. I they use only of our PR r781 into this. The 781 and 802 gives you the ability to drive ANYTHING and make it sound as you want with it's three band EQ. I use one for receive also as most of the receive audio amps are not too good. I come straight out of the product detector and into one of the 802 inputs then drive a higher quality little 20 watt amps and a pair of JBL studio monitors.

http://www.heilsound.com/amateur/tips/behringer.htm

www.randl.com Roger has the Behringer and can help you with the cables perhaps as well as the Heil PR 781.

Let me know if I can help in any way. Hope to catch you on the air sometime soon with all of that WONDERFUL equipment!

BOB HEIL, K9EID
www.heilsound.com "

--- In T-368_BC-610@yahoogroups.com, "bayonetdad" <gregf@...> wrote:
>
> Hi,
>
> What would be a good microphone to use with the HT-4/BC-610 speech amp? Should I invest in something really good like a Heil high impedance mic?
>

> If you have a recommendation would appreciate getting the maker and model number to purchase.
>
> Many thanks.
>
> VY 73,
>
> Greg
> K6SRO
>

# 3918. Re: [T-368_BC-610] Re: Good Microphone for HT-4/BC-610 HT-5x Speech Amp

Yahoo group: T-368_BC-610
Date: 2009-09-02 15:07:08 UTC
From: Bry Carling
Topic: 3908  Message: 3918

Of course he hates the D104. He wants to sell us his microphones! (grin!)

To be FAIR, Bob is a great guy who once donated a load of pre-amp
PC boards and other electronic goodies to my puclic school electronics
program in the mid-1970s when I met him at a hamfest. His products
truly are great and probably sound a lot more "hi-fi" than a D-104.

However, I have heard some great sounding AM stations using
a D104, especially those using a DX60 followed by a linear amplifier.
With a D104 on the DX60, you get tons of extra peak power, and
it's still real AM on the other end.

YMMV of course!
73 to all - Bry, AF4K

From: "bayonetdad" <gregf@...>

> I wrote Heil Sound and received this reply from Bob Heil, so thought I'd share it here
FWIW. I might give this configuration a try.
>
> Greg/K6SRO
> ----------
> "HI Greg
> Congratulations on your license. I know it was a struggle but so well worth
> it. Amateur radio has been my electronics college education and I have been
> extremely active since 1956.
>
> I still have some of my early rigs and use them weekly if not daily. I am
> checked into the Vintage SSB net on 14.292 as I do each Sunday when here in
> our Illinois home (near St Louis). Today it was the C.E. 20a and 600L,
> Drake 2B receiver. Also have my 1962 HT 37, 1956 Harvey Wells TBS 50D along
> with the Harvey Wells T90 and 75A4. Several other good things in the
> vintage cabinet also.
>
> Greg, here is what I suggest and what I use. You have various impedances
> along with various input sensitivity and gain with the older gear. I
> absolutely despise the D104. always have - my entire life. The stand an PTT
> is a joke. The sound is much TOO tinny (as you discovered). First, Spend
> 50 bucks or so for a Behringer UB 802 mixer, preamp,EQ and GREAT headphone
> amp when used for receive. I they use only of our PR r781 into this. The
> 781 and 802 gives you the ability to drive ANYTHING and make it sound as you
> want with it's three band EQ. I use one for receive also as most of the
> receive audio amps are not too good. I come straight out of the product
> detector and into one of the 802 inputs then drive a higher quality little
> 20 watt amps and a pair of JBL studio monitors.

>
> http://www.heilsound.com/amateur/tips/behringer.htm
>
> www.randl.com Roger has the Behringer and can help you with the cables
> perhaps as well as the Heil PR 781.
>
> Let me know if I can help in any way. Hope to catch you on the air sometime
> soon with all of that WONDERFUL equipment!
>
> BOB HEIL, K9EID
> www.heilsound.com "
>
>
> --- In T-368_BC-610@yahoogroups.com, "bayonetdad" <gregf@...> wrote:
> >
> > Hi,
> >
> > What would be a good microphone to use with the HT-4/BC-610 speech amp? Should I invest
in something really good like a Heil high impedance mic?
> >
> > If you have a recommendation would appreciate getting the maker and model number to
purchase.
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> > Many thanks.
> >
> > VY 73,
> >
> > Greg
> > K6SRO
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> Yahoo! Groups Links
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# 3919. Re: [T-368_BC-610] Re: Good Microphone for HT-4/BC-610 HT-5x Speech Amp

Yahoo group: T-368_BC-610
Date: 2009-09-02 16:19:07 UTC
From: Todd, KA1KAQ
Topic: 3908  Message: 3919

It certainly explains why some folks don't care for Bob's version of things.

As someone who has used the trusty D-104 crystal heads for decades, I couldn't disagree with him more. Far from being "tinny", the D-104 is actually what many refer to as being 'peaky', due to an emphasis on a specific group of frequencies. Looking at the response curve clearly shows this. They are not heavy on the lows, but certainly don't exclude them as a tinny mic would.

Gary Halverson did an article on audio for ER back in the early 90s IIRC. He used a crystal D-104 as his 'standard' to compare others to. At the end of the article he goes back to the D-104 and says "there's a reason it's been around for so many years". In production from the 30s through the early part of this century. Roughly 70 years, nothing to sneeze at. Can't believe they wold've sold so well and lasted so long if they'd sounded tinny.

Then again, a bad crystal element will tend to have a tinny, crappy sound. Maybe that's all that Bob Heil has been exposed to in his long career? I've yet to hear one of his mics that sounded good out of the box, without processing. While the D-104 won't sound great on every single transmitter, it at least sounds good on many.

It's kinda funny though, that Bob started copying the look of several older mics in recent years. Imitation is the sincerest form of flattery, right? Maybe he'll have a D-104 clone next?

~ Todd, KA1KAQ/4

On Wed, Sep 2, 2009 at 11:07 AM, Bry Carling <bcarling@...> wrote:

> 
> 
> Of course he hates the D104. He wants to sell us his microphones! (grin!)
> 
> To be FAIR, Bob is a great guy who once donated a load of pre-amp
> PC boards and other electronic goodies to my puclic school electronics
> program in the mid-1970s when I met him at a hamfest. His products
> truly are great and probably sound a lot more "hi-fi" than a D-104.
> 
> However, I have heard some great sounding AM stations using
> a D104, especially those using a DX60 followed by a linear amplifier.
> With a D104 on the DX60, you get tons of extra peak power, and
> it's still real AM on the other end.
> 
> YMMV of course!

> 73 to all - Bry, AF4K
>
> From: "bayonetdad" <gregf@... <gregf%40pon.net>>
>
>
> > I wrote Heil Sound and received this reply from Bob Heil, so thought I'd
> share it here FWIW. I might give this configuration a try.
> >
> > Greg/K6SRO
> > ------------------------------------------------------------
> > "HI Greg
> > Congratulations on your license. I know it was a struggle but so well
> worth
> > it. Amateur radio has been my electronics college education and I have
> been
> > extremely active since 1956.
> >
> > I still have some of my early rigs and use them weekly if not daily. I am
>
> > checked into the Vintage SSB net on 14.292 as I do each Sunday when here
> in
> > our Illinois home (near St Louis). Today it was the C.E. 20a and 600L,
> > Drake 2B receiver. Also have my 1962 HT 37, 1956 Harvey Wells TBS 50D
> along
> > with the Harvey Wells T90 and 75A4. Several other good things in the
> > vintage cabinet also.
> >
> > Greg, here is what I suggest and what I use. You have various impedances
> > along with various input sensitivity and gain with the older gear. I
> > absolutely despise the D104. always have - my entire life. The stand an
> PTT
> > is a joke. The sound is much TOO tinny (as you discovered). First, Spend
> > 50 bucks or so for a Behringer UB 802 mixer, preamp,EQ and GREAT
> headphone
> > amp when used for receive. I they use only of our PR r781 into this. The
> > 781 and 802 gives you the ability to drive ANYTHING and make it sound as
> you
> > want with it's three band EQ. I use one for receive also as most of the
> > receive audio amps are not too good. I come straight out of the product
> > detector and into one of the 802 inputs then drive a higher quality
> little
> > 20 watt amps and a pair of JBL studio monitors.
> >
> > http://www.heilsound.com/amateur/tips/behringer.htm
> >
> > www.randl.com Roger has the Behringer and can help you with the cables
> > perhaps as well as the Heil PR 781.
> >
> > Let me know if I can help in any way. Hope to catch you on the air
> sometime

> > soon with all of that WONDERFUL equipment!
> >
> > BOB HEIL, K9EID
> > www.heilsound.com "
> >
> >
> > --- In T-368_BC-610@yahoogroups.com <T-368_BC-610%40yahoogroups.com>,
> "bayonetdad" <gregf@...> wrote:
> > >
> > > Hi,
> > >
> > > What would be a good microphone to use with the HT-4/BC-610 speech amp?
> Should I invest in something really good like a Heil high impedance mic?
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> > > If you have a recommendation would appreciate getting the maker and
> model number to purchase.
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> > > Many thanks.
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> > > VY 73,
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> > > Greg
> > > K6SRO
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# 3920. Re: [T-368_BC-610] Re: Good Microphone for HT-4/BC-610 HT-5x Speech Amp

Yahoo group: T-368_BC-610
Date: 2009-09-02 16:23:12 UTC
From: rbethman
Topic: 3908  Message: 3920

Greg,

The HT-4 and BC-610 DO sound good with a D-104!

I also use a Shure 444 and a Shure 737A. They are all dynamic microphones.

The only thing I would give you a heads up on, don't use an amplified
mic. The speech amp has plenty of gain for a Hi-Z mic.

Even with the voltage brought down with a variac, you will have to watch
output to stay legal, not to mention the VERY real ability to over modulate.

Bob - N0DGN

bayonetdad wrote:
>
>
> I wrote Heil Sound and received this reply from Bob Heil, so thought
> I'd share it here FWIW. I might give this configuration a try.
>
> Greg/K6SRO
>
> .
>
>

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# 3921. Re: [T-368_BC-610] Re: Good Microphone for HT-4/BC-610 HT-5x Speech Amp

Yahoo group: T-368_BC-610
Date: 2009-09-02 16:39:27 UTC
From: Bry Carling
Topic: 3908  Message: 3921

Bob & Greg - good points.

I always found that the Shure 444 was a ood performer with
classic SSB rigs like the Drake TR4.

From: rbethman <rbethman@...>

> Greg,
>
> The HT-4 and BC-610 DO sound good with a D-104!
>
> I also use a Shure 444 and a Shure 737A. They are all dynamic microphones.
>
> The only thing I would give you a heads up on, don't use an amplified
> mic. The speech amp has plenty of gain for a Hi-Z mic.
>
> Even with the voltage brought down with a variac, you will have to watch
> output to stay legal, not to mention the VERY real ability to over modulate.
>
> Bob - N0DGN
>
> bayonetdad wrote:
> >
> >
> > I wrote Heil Sound and received this reply from Bob Heil, so thought
> > I'd share it here FWIW. I might give this configuration a try.
> >
> > Greg/K6SRO
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# 3922. Re: [T-368_BC-610] Re: Good Microphone for HT-4/BC-610 HT-5x Speech Amp

Yahoo group: T-368_BC-610
Date: 2009-09-02 16:54:39 UTC
From: rbethman
Topic: 3908  Message: 3922

Greg,

The range of audio that the HT-4/BC-610 is built for is:

400cps to 3500cps. This is directly read from the first audio
transformer on the Modulation Deck.

If someone is looking for deep lows, the circuitry does not appear to
support this by what the components have for ratings.

These absolutely do not need equalizers, pre-amps, and all that other
"stuff". It would end up being money thrown down a rat-hole.

The speech amp has a built in limiter/clipper. Yes, you can adjust it,
but IF you do, follow the manual(s)!

Bob - N0DGN

Bry Carling wrote:
>
>
> Bob & Greg - good points.
>
> I always found that the Shure 444 was a ood performer with
> classic SSB rigs like the Drake TR4.
>
> From: rbethman <rbethman@... <mailto:rbethman%40comcast.net>>
>
> > Greg,
> >
> > The HT-4 and BC-610 DO sound good with a D-104!
> >
> > I also use a Shure 444 and a Shure 737A. They are all dynamic
> microphones.
> >
> > The only thing I would give you a heads up on, don't use an amplified
> > mic. The speech amp has plenty of gain for a Hi-Z mic.
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> > Even with the voltage brought down with a variac, you will have to
> watch
> > output to stay legal, not to mention the VERY real ability to over
> modulate.
> >
> > Bob - N0DGN
> >

> > bayonetdad wrote:
> > >
> > >
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> > >
> > > Greg/K6SRO
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# 3923. Re: [T-368_BC-610] Re: Good Microphone for HT-4/BC-610 HT-5x Speech Amp

Yahoo group: T-368_BC-610
Date: 2009-09-02 18:06:06 UTC
From: rbethman
Topic: 3908  Message: 3923

To clarify!

The speech amplifier has a LIMITER *NOT a clipper!

The limiter does "compression" on over modulation peaks.

This is from page 18, Army TM 11-5054, USAF TO 16-40BC614-6, Titled,
"SPEECH AMPLIFIER BC-614-E,F,H,AND -I", DTD October 1952.

Page 3 gives the specification for the Speech Amp., regarding the
frequency response for a Dynamic microphone as 200cps to 3500cps.
Carbon microphone response is: 200cps to 2600cps.

Bob - N0DGN

rbethman wrote:
>
>
> Greg,
>
> The range of audio that the HT-4/BC-610 is built for is:
>
> 400cps to 3500cps. This is directly read from the first audio
> transformer on the Modulation Deck.
>
> If someone is looking for deep lows, the circuitry does not appear to
> support this by what the components have for ratings.
>
> These absolutely do not need equalizers, pre-amps, and all that other
> "stuff". It would end up being money thrown down a rat-hole.
>
> The speech amp has a built in limiter/clipper. Yes, you can adjust it,
> but IF you do, follow the manual(s)!
>
> Bob - N0DGN
>
> Bry Carling wrote:
> >
> >
> > Bob & Greg - good points.
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> > I always found that the Shure 444 was a ood performer with
> > classic SSB rigs like the Drake TR4.
> >
> > From: rbethman <rbethman@... <mailto:rbethman%40comcast.net>

> <mailto:rbethman%40comcast.net>>
> >
> > > Greg,
> > >
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> > > The only thing I would give you a heads up on, don't use an amplified
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> > >
> > > Even with the voltage brought down with a variac, you will have to
> > watch
> > > output to stay legal, not to mention the VERY real ability to over
> > modulate.
> > >
> > > Bob - N0DGN
> > >
> > > bayonetdad wrote:
> > > >
> > > > >
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> > > > >
> > > > > Greg/K6SRO
> > > > >
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# 3924. Re: Good Microphone for HT-4/BC-610 HT-5x Speech Amp

Yahoo group: T-368_BC-610
Date: 2009-09-02 19:44:34 UTC
From: bayonetdad
Topic: 3908  Message: 3924

Thanks for this group and your replies! Yeah, and Heil even has an HC-104 upgrade for the D-104. Anyone tried that one? It would save me a lot of money for stuff I don't need.

> As someone who has used the trusty D-104 crystal heads for decades, I couldn't disagree with him more.

> Gary Halverson did an article on audio for ER back in the early 90s IIRC. He used a crystal D-104 as his 'standard' to compare others to. At the end of the article he goes back to the D-104 and says "there's a reason it's been around for so many years".

Bob - N0DGN - good advice. Some hams been telling me I need a preamp.

> The only thing I would give you a heads up on, don't use an amplified mic. The speech amp has plenty of gain for a Hi-Z mic.

> Even with the voltage brought down with a variac, you will have to watch output to stay legal, not to mention the VERY real ability to over modulate

Overmodulation is something I am very sensitive about, thanks to a nice email from Gary Halverson. What a nice guy too, hope to visit him sometime next year and see his shack of shacks!

VY 73,

Greg/K6SRO

# 3925. Re: [T-368_BC-610] Re: Good Microphone for HT-4/BC-610 HT-5x Speech Amp

Yahoo group: T-368_BC-610
Date: 2009-09-02 20:43:14 UTC
From: Todd, KA1KAQ
Topic: 3908  Message: 3925

FB Greg -

Todd here, you got both Bob and I in your quote. Gary's article in ER opened my eyes to some very basic and easily overlooked principals of audio, and also set me on the path to tracking down a Collins 212A mixing console like the one he showed in his article. Have since gotten the 26W limiter, 116F equalizer, and 300G broadcast transmitter to go with it. Fun stuff.

Audio with the BC-610 or any other tube transmitter is only as complicated as you choose to make it. You can certainly add a lot o ancillary equipment to massage the audio, but more often than not you can plug in a mic and sound decent from the start.

~ Todd, KA1KAQ/4

On Wed, Sep 2, 2009 at 3:44 PM, bayonetdad <gregf@...> wrote:

>
>
> Thanks for this group and your replies! Yeah, and Heil even has an HC-104
> upgrade for the D-104. Anyone tried that one? It would save me a lot of
> money for stuff I don't need.
>
> > As someone who has used the trusty D-104 crystal heads for decades, I
> couldn't disagree with him more.
>
> > Gary Halverson did an article on audio for ER back in the early 90s IIRC.
> He used a crystal D-104 as his 'standard' to compare others to. At the end
> of the article he goes back to the D-104 and says "there's a reason it's
> been around for so many years".
>
> Bob - N0DGN - good advice. Some hams been telling me I need a preamp.
>
> > The only thing I would give you a heads up on, don't use an amplified
> mic. The speech amp has plenty of gain for a Hi-Z mic.
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> > Even with the voltage brought down with a variac, you will have to watch
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> Overmodulation is something I am very sensitive about, thanks to a nice
> email from Gary Halverson. What a nice guy too, hope to visit him sometime
> next year and see his shack of shacks!
>
> VY 73,
>

> Greg/K6SRO
>
>
>

[Non-text portions of this message have been removed]

# 3926. Re: [T-368_BC-610] Re: Good Microphone for HT-4/BC-610 HT-5x Speech Amp

Yahoo group: T-368_BC-610
Date: 2009-09-02 20:58:49 UTC
From: rbethman1
Topic: 3908  Message: 3926

Greg,

I am NOT involved in any commercial enterprise, and own only stock in outfits such as Boeing and Lockheed Martin. So anything dealing with Amateur Radio gets me nothing! (LOL)

Take a look at:
> I make a kit which uses the Kobitone element that is sold by Mouser. The "curves" on the microphone as well as a photo of the assembly can be found at
>
> <http://k9sth.com/uploads/Astatic_Cartridge_-1.JPG>
>
> Glen, K9STH
>
> Website: <http://k9sth.com>
I believe the HC-104 also uses an external impedance matching transformer - AND - is intended "For amplified bases".

If you follow the instructions to keep plate current to 250mA on the PA meter, and ensure the modulation PEAKS on the speech amp do NOT exceed 200mA, you'll stay within limits.

Do your best to feed the "Beast" with no more than 117VAC. It "may" take the 125VAC that is being fed to pretty much everyone, BUT the Plate voltage WILL go beyond the 2000VDC that it IS intended for voice operation. I can tell you that these critters WILL get to levels WELL outside the legal limits for Amateur use. Even keeping the modulation clean, I've seen peaks easily over 2000W.

Your Mileage May Vary!

Bob - N0DGN

# 3927. Re: [T-368_BC-610] Re: Good Microphone for HT-4/BC-610 HT-5x Speech Amp

Yahoo group: T-368_BC-610
Date: 2009-09-03 00:54:10 UTC
From: Bry Carling
Topic: 3908  Message: 3927

I have owned several D104 mics and I like them. Howver, I can tell you that, with no exceptions, the NON-amplified ones always sounded better for me with any transmitter, compare dto the amplified ones.

From: "bayonetdad" <gregf@...>

> Thanks for this group and your replies! Yeah, and Heil even has an HC-104 upgrade for the D-104. Anyone tried that one? It would save me a lot of money for stuff I don't need.
>
> > As someone who has used the trusty D-104 crystal heads for decades, I couldn't disagree with him more.
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> > Gary Halverson did an article on audio for ER back in the early 90s IIRC. He used a crystal D-104 as his 'standard' to compare others to. At the end of the article he goes back to the D-104 and says "there's a reason it's been around for so many years".
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> Bob - N0DGN - good advice. Some hams been telling me I need a preamp.
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> > The only thing I would give you a heads up on, don't use an amplified mic. The speech amp has plenty of gain for a Hi-Z mic.
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> > Even with the voltage brought down with a variac, you will have to watch output to stay legal, not to mention the VERY real ability to over modulate
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> Overmodulation is something I am very sensitive about, thanks to a nice email from Gary Halverson. What a nice guy too, hope to visit him sometime next year and see his shack of shacks!
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>
> VY 73,
>
> Greg/K6SRO
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> Yahoo! Groups Links
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# 3928. Re: [T-368_BC-610] Re: Good Microphone for HT-4/BC-610 HT-5x Speech Amp

Yahoo group: T-368_BC-610
Date: 2009-09-03 01:16:26 UTC
From: Geoff/W5OMR
Topic: 3908  Message: 3928

Bry Carling wrote:
> I have owned several D104 mics and I like them. Howver, I can tell you that,
> with no exceptions, the NON-amplified ones always sounded better for
> me with any transmitter, compare dto the amplified ones.
>
> From: "bayonetdad" <gregf@...>
>
>

for high-Z input speech-amps (BC-610, T-368, Viking II, Ranger, 32-Vx's, etc..., the Hi-Z (1+Meg-ohm) D-104 is well suited. The input impedance is high, as is the D-104 impedance. A lot of people use either a 47k, or a 470k resistor in series with the audio line, or some .01 disc ceramic across the microphone output to ground.

For lower-Z input rigs (Drake, Swan, etc...) the D-104 will work, but sound tinny. The input impedance isn't as high, and these rigs are where that series resistance or capacitances are required.

At least, that's been my experience.

Solid state rigs need something -much- lower (under 5kohms, or so) so that's where dynamic mikes rule.

Not saying that this is how things are -everywhere-, but that's been my experience "in general".

--
73 = Best Regards,
-Geoff/W5OMR (/5 Baja Spring, TX)

# 3929. Re: [T-368_BC-610] Re: Good Microphone for HT-4/BC-610 HT-5x Speech Amp

Yahoo group: T-368_BC-610
Date: 2009-09-02 20:00:32 UTC
From: rbethman
Topic: 3908  Message: 3929

Greg,

I am NOT involved in any commercial enterprise, and own only stock in outfits such as Boeing and Lockheed Martin. So anything dealing with Amateur Radio gets me nothing! (LOL)

Take a look at:
> I make a kit which uses the Kobitone element that is sold by Mouser. The "curves" on the microphone as well as a photo of the assembly can be found at
>
> http://k9sth.com/uploads/Astatic_Cartridge_-1.JPG
>
> Glen, K9STH
>
> Website: http://k9sth.com
I believe the HC-104 also uses an external impedance matching transformer - AND - is intended "For amplified bases".

If you follow the instructions to keep plate current to 250mA on the PA meter, and ensure the modulation PEAKS on the speech amp do NOT exceed 200mA, you'll stay within limits.

Do your best to feed the "Beast" with no more than 117VAC. It "may" take the 125VAC that is being fed to pretty much everyone, BUT the Plate voltage WILL go beyond the 2000VDC that it IS intended for voice operation. I can tell you that these critters WILL get to levels WELL outside the legal limits for Amateur use. Even keeping the modulation clean, I've seen peaks easily over 2000W.

Your Mileage May Vary!

Bob - N0DGN

bayonetdad wrote:
>
>
> Thanks for this group and your replies! Yeah, and Heil even has an
> HC-104 upgrade for the D-104. Anyone tried that one? It would save me
> a lot of money for stuff I don't need.
>
> > As someone who has used the trusty D-104 crystal heads for decades,
> I couldn't disagree with him more.
>
> > Gary Halverson did an article on audio for ER back in the early 90s
> IIRC. He used a crystal D-104 as his 'standard' to compare others to.

> At the end of the article he goes back to the D-104 and says "there's
> a reason it's been around for so many years".
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> Bob - N0DGN - good advice. Some hams been telling me I need a preamp.
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> > The only thing I would give you a heads up on, don't use an
> amplified mic. The speech amp has plenty of gain for a Hi-Z mic.
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> > Even with the voltage brought down with a variac, you will have to
> watch output to stay legal, not to mention the VERY real ability to
> over modulate
>
> Overmodulation is something I am very sensitive about, thanks to a
> nice email from Gary Halverson. What a nice guy too, hope to visit him
> sometime next year and see his shack of shacks!
>
> VY 73,
>
> Greg/K6SRO
>
>

[Non-text portions of this message have been removed]

# 3930. Re: [T-368_BC-610] Re: Good Microphone for HT-4/BC-610 HT-5x Speech Amp

Yahoo group: T-368_BC-610
Date: 2009-09-02 20:54:31 UTC
From: rbethman
Topic: 3908  Message: 3930

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Take a look at:
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# 3931. Re: [T-368_BC-610] Re: Good Microphone for HT-4/BC-610 HT-5x Speech Amp

Yahoo group: T-368_BC-610
Date: 2009-09-03 07:46:49 UTC
From: Alan Morriss
Topic: 3908  Message: 3931

hwllo everyone. there are 3 BC 610 s in this country and they all sound marvellous on air. i always got comments such as "it sounds like the bbc". i only used the standard dynamic mike. the carbon T 17 does not sound so good. right now mine is unservicable unfortunately, and until we can get it out of the shelter to work on, it will stay that way. cheers, alan g4gen
----- Original Message -----
From: bayonetdad
To: T-368_BC-610@yahoogroups.com
Sent: Wednesday, September 02, 2009 3:00 PM
Subject: [T-368_BC-610] Re: Good Microphone for HT-4/BC-610 HT-5x Speech Amp

I wrote Heil Sound and received this reply from Bob Heil, so thought I'd share it here FWIW. I might give this configuration a try.

Greg/K6SRO
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"HI Greg
Congratulations on your license. I know it was a struggle but so well worth it. Amateur radio has been my electronics college education and I have been extremely active since 1956.

I still have some of my early rigs and use them weekly if not daily. I am checked into the Vintage SSB net on 14.292 as I do each Sunday when here in our Illinois home (near St Louis). Today it was the C.E. 20a and 600L, Drake 2B receiver. Also have my 1962 HT 37, 1956 Harvey Wells TBS 50D along with the Harvey Wells T90 and 75A4. Several other good things in the vintage cabinet also.

Greg, here is what I suggest and what I use. You have various impedances along with various input sensitivity and gain with the older gear. I absolutely despise the D104. always have - my entire life. The stand an PTT is a joke. The sound is much TOO tinny (as you discovered). First, Spend 50 bucks or so for a Behringer UB 802 mixer, preamp,EQ and GREAT headphone amp when used for receive. I they use only of our PR r781 into this. The 781 and 802 gives you the ability to drive ANYTHING and make it sound as you want with it's three band EQ. I use one for receive also as most of the receive audio amps are not too good. I come straight out of the product detector and into one of the 802 inputs then drive a higher quality little 20 watt amps and a pair of JBL studio monitors.

http://www.heilsound.com/amateur/tips/behringer.htm

www.randl.com Roger has the Behringer and can help you with the cables perhaps as well as the Heil PR 781.

Let me know if I can help in any way. Hope to catch you on the air sometime
soon with all of that WONDERFUL equipment!

BOB HEIL, K9EID
www.heilsound.com "

--- In T-368_BC-610@yahoogroups.com, "bayonetdad" <gregf@...> wrote:
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> What would be a good microphone to use with the HT-4/BC-610 speech amp? Should I invest in something really good like a Heil high impedance mic?
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> If you have a recommendation would appreciate getting the maker and model number to purchase.
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> Many thanks.
>
> VY 73,
>
> Greg
> K6SRO
>

[Non-text portions of this message have been removed]

# 3932. Re:Good microphone for HT-4/BC-610 HT-5x Speech Amp

Yahoo group: T-368_BC-610
Date: 2009-09-03 08:25:43 UTC
From: m1fdz
Topic: 3932  Message: 3932

My BC-610E sounds just great with its T-50 microphone, the one that it came with, no fancy bits and pieces, I will however try my Shure 55 just to see if it is better one day. The T-17 carbon mic makes it sound much more 'Mil comms' just for a bit of authentic fun. This is a really great radio to use, you can see it on my QRZ.com webpage. It is one of 3 working BC-610's in England at the moment, I have another 2 in bits awaiting parts especially meters.
73 Max M0GHQ

# 3933. BC610s in the UK - WAS: [T-368_BC-610] Re: Good Microphone for HT-4/BC-610

Yahoo group: T-368_BC-610
Date: 2009-09-03 11:53:23 UTC
From: Bry Carling
Topic: 3908  Message: 3933

Hi Alan,

Perhaps you would be able to inform those of us on this list with some of the history of the BC-610 in the U.K. if you know about it.

I never heard of the BC610 until I moved to the states, and saw and heard my first one in action at the station of AM operator Roger Frith, N4IBF (R.I.P.) - it had the side-benefit of being a great winter shack-warmer for his basement on cold days...

I know there are only a few over there in Great Britain, but I was told that one of them was famous for launching the broadcast singing and acting career of Diana Dors after WW2. Can you elaborate?

I heard that she became famous for singing on a 500 watt AM radio station that used a BC610 transmitter. Her success was such that, aged 20, she was the youngest registered owner of a Rolls Royce car.

Dors is included on The Beatles Sgt. Pepper's Lonely Hearts Club Band album cover art as the blonde in the front row on the right in the gold dress and white gloves.

http://www.fandango.com/dianadors/biographies/p19773
http://www.celebrity-gallery.com/content/pictures/DianaDoors/diana2.jpg
http://retroladies.blogspot.com/2009/07/diana-doors.html

From: "Alan Morriss" <mohawk@...>

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> ----- Original Message -----
> From: bayonetdad
> To: T-368_BC-610@yahoogroups.com
> Sent: Wednesday, September 02, 2009 3:00 PM
> Subject: [T-368_BC-610] Re: Good Microphone for HT-4/BC-610 HT-5x Speech Amp
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>
> I wrote Heil Sound and received this reply from Bob Heil, so thought I'd share it here FWIW. I might give this configuration a try.
>
> Greg/K6SRO
> ---------------------------------------------------------
> "HI Greg
> Congratulations on your license. I know it was a struggle but so well worth

> it. Amateur radio has been my electronics college education and I have been
> extremely active since 1956.
>
> I still have some of my early rigs and use them weekly if not daily. I am
> checked into the Vintage SSB net on 14.292 as I do each Sunday when here in
> our Illinois home (near St Louis). Today it was the C.E. 20a and 600L,
> Drake 2B receiver. Also have my 1962 HT 37, 1956 Harvey Wells TBS 50D along
> with the Harvey Wells T90 and 75A4. Several other good things in the
> vintage cabinet also.
>
> Greg, here is what I suggest and what I use. You have various impedances
> along with various input sensitivity and gain with the older gear. I
> absolutely despise the D104. always have - my entire life. The stand an PTT
> is a joke. The sound is much TOO tinny (as you discovered). First, Spend
> 50 bucks or so for a Behringer UB 802 mixer, preamp,EQ and GREAT headphone
> amp when used for receive. I they use only of our PR r781 into this. The
> 781 and 802 gives you the ability to drive ANYTHING and make it sound as you
> want with it's three band EQ. I use one for receive also as most of the
> receive audio amps are not too good. I come straight out of the product
> detector and into one of the 802 inputs then drive a higher quality little
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> http://www.heilsound.com/amateur/tips/behringer.htm
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> perhaps as well as the Heil PR 781.
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> Let me know if I can help in any way. Hope to catch you on the air sometime
> soon with all of that WONDERFUL equipment!
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purchase.
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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# 3934. Re: BC610s in the UK - WAS: [T-368_BC-610] Re: Good Microphone for HT-4/BC-610

Yahoo group: T-368_BC-610
Date: 2009-09-03 18:11:58 UTC
From: Alan Morriss
Topic: 3908  Message: 3934

hello bry, our BC610 is part of a complete scr 399 station on a gmc truck. we got it from holland, but it came originally from luxembourg. it was supposed to have been left there after the battle of the bulge, and given to them after the war. one of the others used to belong to me, and i saved it from being scrapped. the other two came from holland. there are a few others around in museums etc. i would be surprised if the one which transmitted diana dors is still around.
i also have a british w/s 53 which was introduced to replace the bc 610, and is greatly superior.
however, i just love operating the bc 610, and sitting in the shelter. if only it could tell me about the young guys who used to work in it. cheers, alan
----- Original Message -----
From: Bry Carling
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, September 03, 2009 12:53 PM
Subject: BC610s in the UK - WAS: [T-368_BC-610] Re: Good Microphone for HT-4/BC-610

Hi Alan,

Perhaps you would be able to inform those of us on this list with some of the history of the BC-610 in the U.K. if you know about it.

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Dors is included on The Beatles Sgt. Pepper's Lonely Hearts Club Band album cover art as the blonde in the front row on the right in the gold dress and white gloves.

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> From: bayonetdad
> To: T-368_BC-610@yahoogroups.com
> Sent: Wednesday, September 02, 2009 3:00 PM
> Subject: [T-368_BC-610] Re: Good Microphone for HT-4/BC-610 HT-5x Speech Amp
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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# 3935. BC610s in the USSR

Yahoo group: T-368_BC-610
Date: 2009-09-04 16:34:41 UTC
From: g3vkm
Topic: 3908  Message: 3935

Hi All,

Slightly off the posted topic but the latest edition of the magazine of the Radio Amateurs Old Timers Association has a big article on Ernst Krenkel, who was famous in the old USSR for his bravery in keeping a radio link going from a drift-ice station in the Russian Arctic pre-WWII. He was a Hero of the Soviet Union and was allowed to use his old ship's callsign, RAEM, on the ham bands. There is a small museum dedicated to him in Russia and his post-war ham station of BC-610-E and AR-88 are both on display. The article shows Krenkel operating the '610 as well.

Cheers,

Roger/G3VKM - the bloke who got Alan's first '610-E!

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> > [Non-text portions of this message have been removed]
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> > Yahoo! Groups Links
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# 3936. Re: [T-368_BC-610] BC610s in the USSR

Yahoo group: T-368_BC-610
Date: 2009-09-04 16:40:32 UTC
From: wf2u@ws19ops.com
Topic: 3908  Message: 3936

I had the honor of having a QSO with Ernst Krenkel/RAEM (on CW of course) in the late 60's, and I have the QSL card signed by him. I told him then that I felt privileged having the QSO with him, as I read about his exploits when I was around 10 years old, and was so impressed, that I started to get interested in radio/electronics then!

73, Meir WF2U
Landrum, SC

Quoting g3vkm <Roger@...>:

> Hi All,
>
> Slightly off the posted topic but the latest edition of the magazine
> of the Radio Amateurs Old Timers Association has a big article on
> Ernst Krenkel, who was famous in the old USSR for his bravery in
> keeping a radio link going from a drift-ice station in the Russian
> Arctic pre-WWII. He was a Hero of the Soviet Union and was allowed
> to use his old ship's callsign, RAEM, on the ham bands. There is a
> small museum dedicated to him in Russia and his post-war ham station
> of BC-610-E and AR-88 are both on display. The article shows
> Krenkel operating the '610 as well.
>
> Cheers,
>
> Roger/G3VKM - the bloke who got Alan's first '610-E!
>
>
> --- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>>
>> hello bry, our BC610 is part of a complete scr 399 station on a gmc
>> truck. we got it from holland, but it came originally from
>> luxembourg. it was supposed to have been left there after the
>> battle of the bulge, and given to them after the war. one of the
>> others used to belong to me, and i saved it from being scrapped.
>> the other two came from holland. there are a few others around in
>> museums etc. i would be surprised if the one which transmitted
>> diana dors is still around.
>> i also have a british w/s 53 which was introduced to replace the bc
>> 610, and is greatly superior.
>> however, i just love operating the bc 610, and sitting in the
>> shelter. if only it could tell me about the young guys who used to
>> work in it. cheers, alan
>> ----- Original Message -----
>> From: Bry Carling
>> To: T-368_BC-610@yahoogroups.com

>> Sent: Thursday, September 03, 2009 12:53 PM
>> Subject: BC610s in the UK - WAS: [T-368_BC-610] Re: Good
>> Microphone for HT-4/BC-610
>>
>>
>> Hi Alan,
>>
>> Perhaps you would be able to inform those of us on this list with
>> some of the history
>> of the BC-610 in the U.K. if you know about it.
>>
>> I never heard of the BC610 until I moved to the states, and saw
>> and heard my first
>> one in action at the station of AM operator Roger Frith, N4IBF
>> (R.I.P.) - it had the
>> side-benefit of being a great winter shack-warmer for his
>> basement on cold days...
>>
>> I know there are only a few over there in Great Britain, but I
>> was told that one of
>> them was famous for launching the broadcast singing and acting
>> career of Diana Dors
>> after WW2. Can you elaborate?
>>
>> I heard that she became famous for singing on a 500 watt AM radio
>> station that
>> used a BC610 transmitter. Her success was such that, aged 20, she was the
>> youngest registered owner of a Rolls Royce car.
>>
>> Dors is included on The Beatles Sgt. Pepper's Lonely Hearts Club
>> Band album
>> cover art as the blonde in the front row on the right in the gold
>> dress and white gloves.
>>
>> http://www.fandango.com/dianadors/biographies/p19773
>> http://www.celebrity-gallery.com/content/pictures/DianaDoors/diana2.jpg
>> http://retroladies.blogspot.com/2009/07/diana-doors.html
>>
>> From: "Alan Morriss" <mohawk@...>
>>
>> > hwllo everyone. there are 3 BC 610 s in this country and they
>> all sound marvellous on air. i always got comments such as "it
>> sounds like the bbc". i only used the standard dynamic mike. the
>> carbon T 17 does not sound so good. right now mine is unservicable
>> unfortunately, and until we can get it out of the shelter to work
>> on, it will stay that way. cheers, alan g4gen
>> > ----- Original Message -----
>> > From: bayonetdad
>> > To: T-368_BC-610@yahoogroups.com
>> > Sent: Wednesday, September 02, 2009 3:00 PM

>> > Subject: [T-368_BC-610] Re: Good Microphone for HT-4/BC-610
>> HT-5x Speech Amp
>> >
>> >
>> > I wrote Heil Sound and received this reply from Bob Heil, so
>> thought I'd share it here FWIW. I might give this configuration a
>> try.
>> >
>> > Greg/K6SRO
>> > ------------------------------------------------------------
>> > "HI Greg
>> > Congratulations on your license. I know it was a struggle but
>> so well worth
>> > it. Amateur radio has been my electronics college education and
>> I have been
>> > extremely active since 1956.
>> >
>> > I still have some of my early rigs and use them weekly if not
>> daily. I am
>> > checked into the Vintage SSB net on 14.292 as I do each Sunday
>> when here in
>> > our Illinois home (near St Louis). Today it was the C.E. 20a and 600L,
>> > Drake 2B receiver. Also have my 1962 HT 37, 1956 Harvey Wells
>> TBS 50D along
>> > with the Harvey Wells T90 and 75A4. Several other good things in the
>> > vintage cabinet also.
>> >
>> > Greg, here is what I suggest and what I use. You have various impedances
>> > along with various input sensitivity and gain with the older gear. I
>> > absolutely despise the D104. always have - my entire life. The
>> stand an PTT
>> > is a joke. The sound is much TOO tinny (as you discovered). First, Spend
>> > 50 bucks or so for a Behringer UB 802 mixer, preamp,EQ and
>> GREAT headphone
>> > amp when used for receive. I they use only of our PR r781 into this. The
>> > 781 and 802 gives you the ability to drive ANYTHING and make it
>> sound as you
>> > want with it's three band EQ. I use one for receive also as most of the
>> > receive audio amps are not too good. I come straight out of the product
>> > detector and into one of the 802 inputs then drive a higher
>> quality little
>> > 20 watt amps and a pair of JBL studio monitors.
>> >
>> > http://www.heilsound.com/amateur/tips/behringer.htm
>> >
>> > www.randl.com Roger has the Behringer and can help you with the cables
>> > perhaps as well as the Heil PR 781.
>> >
>> > Let me know if I can help in any way. Hope to catch you on the
>> air sometime

>> > soon with all of that WONDERFUL equipment!
>> >
>> > BOB HEIL, K9EID
>> > www.heilsound.com "
>> >
>> > --- In T-368_BC-610@yahoogroups.com, "bayonetdad" <gregf@> wrote:
>> > >
>> > > Hi,
>> > >
>> > > What would be a good microphone to use with the HT-4/BC-610
>> speech amp? Should I invest in something really good like a Heil
>> high impedance mic?
>> > >
>> > > If you have a recommendation would appreciate getting the
>> maker and model number to purchase.
>> > >
>> > > Many thanks.
>> > >
>> > > VY 73,
>> > >
>> > > Greg
>> > > K6SRO
>> > >
>> >
>> >
>> >
>> >
>> >
>> > [Non-text portions of this message have been removed]
>> >
>> >
>> >
>> > ------------------------------------
>> >
>> > Yahoo! Groups Links
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>>
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>>
>> [Non-text portions of this message have been removed]
>>
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>
> ------------------------------------

>
> Yahoo! Groups Links
>
>
>
>

# 3937. Re: BC610s in the UK

Yahoo group: T-368_BC-610
Date: 2009-09-04 19:10:37 UTC
From: Bry Carling
Topic: 3908  Message: 3937

Thanks Alan - I am not familiar with the WS 53. I will look into that one for sure!

I forget wgho it was that told me some years back that "DD" had started out early on in her career singing on broadcasts carried over a BC610. It just struck me as one of those amazing facts of "Bygone radio lore!"

From: "Alan Morriss" <mohawk@...>

> hello bry, our BC610 is part of a complete scr 399 station on a gmc truck.
> we got it from holland, but it came originally from luxembourg. it was
> supposed to have been left there after the battle of the bulge, and given
> to them after the war. one of the others used to belong to me, and i saved
> it from being scrapped. the other two came from holland. there are a few
> others around in museums etc. i would be surprised if the one which
> transmitted diana dors is still around.
> i also have a british w/s 53 which was introduced to replace the bc 610,
> and is greatly superior.
> however, i just love operating the bc 610, and sitting in the shelter. if
> only it could tell me about the young guys who used to work in it. cheers,
> alan

# 3938. Re: [T-368_BC-610] Re: BC610s in the UK

Yahoo group: T-368_BC-610
Date: 2009-09-04 20:43:21 UTC
From: Alan Morriss
Topic: 3908  Message: 3938

hello bry, well, it may have been on the american forces network show. they may well have used bc 610s. the w/s 53 gives about 100w less than the bc 610, but it has an excellent and stable vfo covering 1.2 to 17,5 megs. the speech amp is internal and the audio quality is up to broadcast standards as it was intended to also be used as a temporary local broadcast station after the invasion. i have had mine for many years.cheers, alan
----- Original Message -----
From: Bry Carling
To: T-368_BC-610@yahoogroups.com
Sent: Friday, September 04, 2009 8:10 PM
Subject: [T-368_BC-610] Re: BC610s in the UK

Thanks Alan - I am not familiar with the WS 53. I will look into that
one for sure!

I forget wgho it was that told me some years back that "DD" had
started out early on in her career singing on broadcasts carried
over a BC610. It just struck me as one of those amazing facts of
"Bygone radio lore!"

From: "Alan Morriss" <mohawk@...>

> hello bry, our BC610 is part of a complete scr 399 station on a gmc truck.
> we got it from holland, but it came originally from luxembourg. it was
> supposed to have been left there after the battle of the bulge, and given
> to them after the war. one of the others used to belong to me, and i saved
> it from being scrapped. the other two came from holland. there are a few
> others around in museums etc. i would be surprised if the one which
> transmitted diana dors is still around.
> i also have a british w/s 53 which was introduced to replace the bc 610,
> and is greatly superior.
> however, i just love operating the bc 610, and sitting in the shelter. if
> only it could tell me about the young guys who used to work in it. cheers,
> alan

[Non-text portions of this message have been removed]

# 3939. Re: BC610s in the USSR

Yahoo group: T-368_BC-610
Date: 2009-09-05 18:54:14 UTC
From: g3vkm
Topic: 3908  Message: 3939

Hi Meir,

That's great, I never did hear him but used to see his callsign turn up in the DX reports in the ham magazines.

I think we forget how important these radio pioneers were in polar exploration. Nowadays, when some bloke walks across the top of the world he's got TV coverage all the way and the Internet to check the WX! Back in Krenkel's days it was hit or miss that the gear would work at all. The article I mentioned talks about having to strip the gear down before each use and dry it all, because the condensation in the tents they used then would cover all the HV points and everything would flash over.

By the way, there's a photo of Krenkel's BC-610-E on

http://www.rkk-museum.ru/news/news_e.shtml

and scroll down to 11th August 2005. A lot of other interesting stuff on that site too.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, wf2u@... wrote:
>
>
> I had the honor of having a QSO with Ernst Krenkel/RAEM (on CW of
> course) in the late 60's, and I have the QSL card signed by him.
> I told him then that I felt privileged having the QSO with him, as I
> read about his exploits when I was around 10 years old, and was so
> impressed, that I started to get interested in radio/electronics then!
>
> 73, Meir WF2U
> Landrum, SC
>

# 3940. BC610s in the UK - WAS: [T-368_BC-610] Re: Good Microphone for HT-4/BC-610

Yahoo group: T-368_BC-610
Date: 2009-09-06 15:37:49 UTC
From: bayonetdad
Topic: 3908  Message: 3940

> I know there are only a few over there in Great Britain, but I was told that one of them was famous for launching the broadcast singing and acting career of Diana Dors after WW2. Can you elaborate?
>
> I heard that she became famous for singing on a 500 watt AM radio station that used a BC610 transmitter. Her success was such that, aged 20, she was the youngest registered owner of a Rolls Royce car.

This is a very interesting story! So assume the audio on the receiving end must have been good enough to launch Diana's career. I haven't searched the internet yet for a photo of her in the studio with this BC-610, but if any of you chaps happen to come upon one or have one, would love to see it shared here, and perhaps see which microphone she was using.

Cheers!

Greg/K6SRO

# 3941. BC610s in the UK - WAS: [T-368_BC-610] Re: Good Microphone for HT-4/BC-610

Yahoo group: T-368_BC-610
Date: 2009-09-06 20:44:10 UTC
From: g3vkm
Topic: 3908  Message: 3941

Had a look at a few sites with photo collections but found nothing with DD and a '610. However, I did find the following anecdote, supposedly from the lady herself:-

"They asked me to change my name. I suppose they were afraid that if my real name Diana Fluck was in lights and one of the lights blew..." "

According to Dors' autobiography, she was once asked and readily agreed to open a fête in her home town of Swindon, England. Prior to the festivities, Dors lunched with the local vicar, during which she informed him that her real name was Diana Fluck. The vicar became somewhat worried about his planned speech. After lunch, they arrived at the fête at the appointed time. The vicar, totally unnerved about mispronouncing "Fluck", introduced Diana with these immortal words:
"
"Ladies and gentlemen, it is with great pleasure that I introduce to you our star guest. We all love her, especially as she is our local girl. I therefore feel it right to introduce her by her real name; Ladies and Gentlemen, please welcome the very lovely Miss Diana Clunt".

(Source - Wikipedia)

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "bayonetdad" <gregf@...> wrote:
>
> > I know there are only a few over there in Great Britain, but I was told that one of them was famous for launching the broadcast singing and acting career of Diana Dors after WW2. Can you elaborate?
> >
> > I heard that she became famous for singing on a 500 watt AM radio station that used a BC610 transmitter. Her success was such that, aged 20, she was the youngest registered owner of a Rolls Royce car.
>
> This is a very interesting story! So assume the audio on the receiving end must have been good enough to launch Diana's career. I haven't searched the internet yet for a photo of her in the studio with this BC-610, but if any of you chaps happen to come upon one or have one, would love to see it shared here, and perhaps see which microphone she was using.
>
> Cheers!
>
> Greg/K6SRO
>

# 3942. BC610s in the UK - WAS: [T-368_BC-610] Re: Good Microphone for HT-4/BC-610

Yahoo group: T-368_BC-610
Date: 2009-09-07 16:50:44 UTC
From: bayonetdad
Topic: 3908  Message: 3942

I finally got some time and scanned Google.com images and Bing.com, found lots of images of her, but no BC-610. Regardless, it was worth a look. You could tell she was very popular in her time in UK.

Cheers,

Greg

--- In T-368_BC-610@yahoogroups.com, "g3vkm" <Roger@...> wrote:
>
> Had a look at a few sites with photo collections but found nothing with DD and a '610. However, I did find the following anecdote, supposedly from the lady herself:-

# 3943. BC-610 Problem - long description

Yahoo group: T-368_BC-610
Date: 2009-09-14 03:16:16 UTC
From: Dave Trainor
Topic: 3943  Message: 3943

Hi all, I am getting close to being able to put my restored 610 on the air but I have ran into a problem that so far have not completely diagnosed.

This is a 610-I model. I will be posting pictures but so far have just gotten it re-assembled and almost debugged...

Unit works fine in CW mode, although I kept output very low because I think the tubes probably have sat for years and want to give the filaments time to burn back in some. I have heard it's advisable to run them slightly over 5v for 24 hrs to allow getter action for any gas in the tube - anyone agree/disagree and how much over 5V - 5.1V or 6V?

My problem - switch to phone mode and the 6A fuse blows after 5-10sec and there is a humming noise from the (looking from the rear) left side of the mod deck before it goes. - I had a bad coil in RY3 that was creating the hum, replaced RY3, fuse now lasts 15 sec or so, hum not quite gone but greatly reduced. Fuse blows too fast to actually determine exactly where the hum is.

If I pull the bias rect V5 it runs just fine and the fuse stays healthy in Phone mode, so this fact is leading me to the bias section.

On the HV deck I had tge 2.5v fil transformer secondary open - also replaced, but the old one was not only open but was also shorted to ground, the potting appeared as new - so does the T1 transformer for the bias supply, its also supplying 2.5v for the 2A3's and 5V for V5 the bias rect - those voltages are fine, checked with v5 pulled and I have 500v+ on each half of the HV winding, (CT to End) My meter won't go over 800v so did not check the full winding. Pretty simple circuit here, both inductors have continuity, C20 and C21 are originals, they appear fine, when checked with an ohmmeter, R20, R34 and R11 are all within tolerance. Mod Bias rheostat is fine.

I replaced the wiring with new wiring in the complete transmitter, following the diagram in the manuals, the original cotton stuff had deteriorated badly, over the weekend I took the decks back out, retraced my wiring (not immune to mistakes at all) every wire is as it should be. Carbon Resistors and all the paper caps were just shotgunned, I kept all the mica's and big power resistors as they all checked 100%. I probably have destroyed collector value, but I have no desire to run a museum I want a transmitter that works as it did 60 years ago - reliably.

So - runs fine in CW mode - toggle phone - 4-5 sec FS4 (6A) blows - plate voltage in off position (bc-614 not connected). Also actually the FS5 (3A) blows in CW mode, but I put in a 6A fuse (since I had them) and that took care of that issue, but figure I should mention it in case it

adds info 9 I figured these caps have not had any voltage on them since before 1968 so might need a bit extra current at first.

Something wrong with the windings in T1 or maybe T3?? I am running out of 6A fuses and have not made more than guesswork on the issue.

I have spares for both transformers but the spares are untested and still in a complete enough second unit that is far too good to just part out, want to get one of them on the air and then think about the second one. With my time I can devote to this, I started last fall so I am being very slow and careful but also now getting so close I want to hear it on the air! I am located in Louisville, my dad's friend and the fellow who took all that time to teach me CW, fought in ww2 (he was a scr-299 operator in France) he had a 610 (I think it was an E) when I was just a kid, he did not use it because he said it was a sure fire TVI generator, but I still remember the awe and thinking what a transmitter - have wanted one for about 40yr now and its sooo close. I'm also thinking with Digital now the TVI issue is probably not a concern anymore, plus I am out a ways from the city.

Love to (I will) join you guys on 75m this winter.

Any idea's on how to determine if it's the transformer? I don't want to just start swapping parts due to ignorance J

73 - Dave Trainor N8ZFM

dave@...

[Non-text portions of this message have been removed]

# 3944. Re: [T-368_BC-610] BC-610 Problem - long description

Yahoo group: T-368_BC-610
Date: 2009-09-14 05:43:35 UTC
From: mac
Topic: 3943  Message: 3944

Dave,

From your description it would appear that you're either shorting out or severely loading down your bias supply when you switch to the Phone mode.
With the transmitter off, hang an ohm meter across the output end of the bias supply and see what you get. From the schematic this should be around 3000 ohms to ground (R11 and R12 in series). Now close RY-3 with your finger and see what you get. Reading should drop a few hundred ohms but still be above 2K. If you see something significantly less than 2K ohms check the wiring between R34 and RY-3. Connecting the wrong end of R34 over to RY-3 would result in a 500 ohm or less load being shunted across the bias supply when RY-3 is energized. You mentioned that you had completely rewired your 610.

Dennis D. W7QHO
Glendale, CA

# 3945. RE: [T-368_BC-610] BC-610 Problem - long description

Yahoo group: T-368_BC-610
Date: 2009-09-14 17:44:13 UTC
From: Dave Trainor
Topic: 3943  Message: 3945

Thanks a lot Dennis, I will check that this evening. I did rewire, the manual is very complete on the wiring, if it had not had something eat the insulation off most of the wires on the HV and Mod decks I would have avoided that. I suspect that I did indeed make a mistake somewhere. Lacking the correct color coded wires I used tiny heat shrink and a label maker to mark each wire with the legend from the manual.

73 - Dave N8ZFM

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
On Behalf Of mac
Sent: Monday, September 14, 2009 1:44 AM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] BC-610 Problem - long description

Dave,

From your description it would appear that you're either shorting out or severely loading down your bias supply when you switch to the Phone mode.
With the transmitter off, hang an ohm meter across the output end of the bias supply and see what you get. From the schematic this should be around 3000 ohms to ground (R11 and R12 in series). Now close RY-3 with your finger and see what you get. Reading should drop a few hundred ohms but still be above 2K. If you see something significantly less than 2K ohms check the wiring between R34 and RY-3. Connecting the wrong end of R34 over to RY-3 would result in a 500 ohm or less load being shunted across the bias supply when RY-3 is energized. You mentioned that you had completely rewired your 610.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 3946. Re: [T-368_BC-610] BC-610 Problem - long description

Yahoo group: T-368_BC-610
Date: 2009-09-15 01:11:08 UTC
From: Joe Foley
Topic: 3943  Message: 3946

Check your HV wiring again,..... and again!

Rate it perfect before you give up.

Joe

--- On Sun, 9/13/09, Dave Trainor <dave@...> wrote:

From: Dave Trainor <dave@...>
Subject: [T-368_BC-610] BC-610 Problem - long description
To: T-368_BC-610@yahoogroups.com
Date: Sunday, September 13, 2009, 11:16 PM

Hi all, I am getting close to being able to put my restored 610 on the

air but I have ran into a problem that so far have not completely

diagnosed.

This is a 610-I model. I will be posting pictures but so far have just

gotten it re-assembled and almost debugged...

Unit works fine in CW mode, although I kept output very low because I

think the tubes probably have sat for years and want to give the

filaments time to burn back in some. I have heard it's advisable to run

them slightly over 5v for 24 hrs to allow getter action for any gas in

the tube - anyone agree/disagree and how much over 5V - 5.1V or 6V?

My problem - switch to phone mode and the 6A fuse blows after 5-10sec

and there is a humming noise from the (looking from the rear) left side

of the mod deck before it goes. - I had a bad coil in RY3 that was

creating the hum, replaced RY3, fuse now lasts 15 sec or so, hum not

quite gone but greatly reduced. Fuse blows too fast to actually

determine exactly where the hum is.

If I pull the bias rect V5 it runs just fine and the fuse stays healthy

in Phone mode, so this fact is leading me to the bias section.

On the HV deck I had tge 2.5v fil transformer secondary open - also

replaced, but the old one was not only open but was also shorted to ground, the potting appeared as new - so does the T1 transformer for the bias supply, its also supplying 2.5v for the 2A3's and 5V for V5 the bias rect - those voltages are fine, checked with v5 pulled and I have 500v+ on each half of the HV winding, (CT to End) My meter won't go over 800v so did not check the full winding. Pretty simple circuit here, both inductors have continuity, C20 and C21 are originals, they appear fine, when checked with an ohmmeter, R20, R34 and R11 are all within tolerance. Mod Bias rheostat is fine.

I replaced the wiring with new wiring in the complete transmitter, following the diagram in the manuals, the original cotton stuff had deteriorated badly, over the weekend I took the decks back out, retraced my wiring (not immune to mistakes at all) every wire is as it should be. Carbon Resistors and all the paper caps were just shotgunned, I kept all the mica's and big power resistors as they all checked 100%. I probably have destroyed collector value, but I have no desire to run a museum I want a transmitter that works as it did 60 years ago - reliably.

So - runs fine in CW mode - toggle phone - 4-5 sec FS4 (6A) blows - plate voltage in off position (bc-614 not connected). Also actually the FS5 (3A) blows in CW mode, but I put in a 6A fuse (since I had them) and that took care of that issue, but figure I should mention it in case it adds info 9 I figured these caps have not had any voltage on them since before 1968 so might need a bit extra current at first.

Something wrong with the windings in T1 or maybe T3?? I am running out of 6A fuses and have not made more than guesswork on the issue.

I have spares for both transformers but the spares are untested and still in a complete enough second unit that is far too good to just part out, want to get one of them on the air and then think about the second one. With my time I can devote to this, I started last fall so I am

being very slow and careful but also now getting so close I want to hear it on the air! I am located in Louisville, my dad's friend and the fellow who took all that time to teach me CW, fought in ww2 (he was a scr-299 operator in France) he had a 610 (I think it was an E) when I was just a kid, he did not use it because he said it was a sure fire TVI generator, but I still remember the awe and thinking what a transmitter - have wanted one for about 40yr now and its sooo close. I'm also thinking with Digital now the TVI issue is probably not a concern anymore, plus I am out a ways from the city.

Love to (I will) join you guys on 75m this winter.

Any idea's on how to determine if it's the transformer? I don't want to just start swapping parts due to ignorance J

73 - Dave Trainor N8ZFM

dave@...

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3947. RE: [T-368_BC-610] BC-610 Problem - long description

Yahoo group: T-368_BC-610
Date: 2009-09-15 03:33:24 UTC
From: Dave Trainor
Topic: 3943  Message: 3947

Found the issue - the wiring was correct but there was a short - I retained the original piece of braid shield for the grid leads to the 100th's and right next to T6 the shield ends and the 2 wires emerge to connect to T6 the braid is soldered with a small wire attached to ground - in soldering this wire to the outside of the braid it melted the insulation on both but one badly of the grid leads and they were shorted to ground. The braid was oxidized and I had to heat the heck out of it to solder, should really have checked that with the ohmmeter right after soldering, in retrospect it makes sense now.

Had to pull the deck out to get to it, actually pulled the deck earlier since R34 wiring was fine and ohmmeter checks were ok. I just fed 117V into T1 directly and started checking voltages.

So I need to slip a portion of some fiberglass braid over the grid leads to protect them from the heat while I solder the outside of the braid. My bias supply is now fixed.

Wonder what my next mistake will be? Completely rewiring I expected this..... At least at this point I have passed the smoke test now.

Want to thank Dennis again as it was great advise and pointed me in the right direction to find this one. I hope I am able someday to pass on advise as I gain more experience with the beast.

73 - Dave N8ZFM

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
On Behalf Of Dave Trainor
Sent: Monday, September 14, 2009 1:44 PM
To: T-368_BC-610@yahoogroups.com
Subject: RE: [T-368_BC-610] BC-610 Problem - long description

Thanks a lot Dennis, I will check that this evening. I did rewire, the manual is very complete on the wiring, if it had not had something eat the insulation off most of the wires on the HV and Mod decks I would have avoided that. I suspect that I did indeed make a mistake somewhere. Lacking the correct color coded wires I used tiny heat shrink and a label maker to mark each wire with the legend from the manual.

73 - Dave N8ZFM

From: T-368_BC-610@yahoogroups.com
<mailto:T-368_BC-610%40yahoogroups.com>
[mailto:T-368_BC-610@yahoogroups.com
<mailto:T-368_BC-610%40yahoogroups.com> ]
On Behalf Of mac

Sent: Monday, September 14, 2009 1:44 AM
To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>

Subject: Re: [T-368_BC-610] BC-610 Problem - long description

Dave,

From your description it would appear that you're either shorting out or severely loading down your bias supply when you switch to the Phone mode.
With the transmitter off, hang an ohm meter across the output end of the bias supply and see what you get. From the schematic this should be around 3000 ohms to ground (R11 and R12 in series). Now close RY-3 with your finger and see what you get. Reading should drop a few hundred ohms but still be above 2K. If you see something significantly less than 2K ohms check the wiring between R34 and RY-3. Connecting the wrong end of R34 over to RY-3 would result in a 500 ohm or less load being shunted across the bias supply when RY-3 is energized. You mentioned that you had completely rewired your 610.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3948. RE: [T-368_BC-610] BC-610 Problem - long description

Yahoo group: T-368_BC-610
Date: 2009-09-15 03:37:40 UTC
From: Dave Trainor
Topic: 3943  Message: 3948

That's also really great advise Joe - I am old enough to respect 2000V+ but a lot of the new guys probably have never worked on a high power tube transmitter. Lethal if not only correct but if you get careless in tinkering with the plate power on. I got hit by a "little" HA 14 (pair 572's) about 15 yr ago and am lucky to still be here, was an experience never to forget.

73 - Dave N8ZFM

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Joe Foley
Sent: Monday, September 14, 2009 9:11 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] BC-610 Problem - long description

Check your HV wiring again,..... and again!

Rate it perfect before you give up.

Joe

--- On Sun, 9/13/09, Dave Trainor <dave@... <mailto:dave%40n8zfm.com> > wrote:

From: Dave Trainor <dave@... <mailto:dave%40n8zfm.com> >
Subject: [T-368_BC-610] BC-610 Problem - long description
To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>

Date: Sunday, September 13, 2009, 11:16 PM

Hi all, I am getting close to being able to put my restored 610 on the

air but I have ran into a problem that so far have not completely

diagnosed.

This is a 610-I model. I will be posting pictures but so far have just

gotten it re-assembled and almost debugged...

Unit works fine in CW mode, although I kept output very low because I

think the tubes probably have sat for years and want to give the

filaments time to burn back in some. I have heard it's advisable to run

them slightly over 5v for 24 hrs to allow getter action for any gas in

the tube - anyone agree/disagree and how much over 5V - 5.1V or 6V?

My problem - switch to phone mode and the 6A fuse blows after 5-10sec and there is a humming noise from the (looking from the rear) left side of the mod deck before it goes. - I had a bad coil in RY3 that was creating the hum, replaced RY3, fuse now lasts 15 sec or so, hum not quite gone but greatly reduced. Fuse blows too fast to actually determine exactly where the hum is.

If I pull the bias rect V5 it runs just fine and the fuse stays healthy in Phone mode, so this fact is leading me to the bias section.

On the HV deck I had tge 2.5v fil transformer secondary open - also replaced, but the old one was not only open but was also shorted to ground, the potting appeared as new - so does the T1 transformer for the bias supply, its also supplying 2.5v for the 2A3's and 5V for V5 the bias rect - those voltages are fine, checked with v5 pulled and I have 500v+ on each half of the HV winding, (CT to End) My meter won't go over 800v so did not check the full winding. Pretty simple circuit here, both inductors have continuity, C20 and C21 are originals, they appear fine, when checked with an ohmmeter, R20, R34 and R11 are all within tolerance. Mod Bias rheostat is fine.

I replaced the wiring with new wiring in the complete transmitter, following the diagram in the manuals, the original cotton stuff had deteriorated badly, over the weekend I took the decks back out, retraced my wiring (not immune to mistakes at all) every wire is as it should be. Carbon Resistors and all the paper caps were just shotgunned, I kept all the mica's and big power resistors as they all checked 100%. I probably have destroyed collector value, but I have no desire to run a museum I want a transmitter that works as it did 60 years ago - reliably.

So - runs fine in CW mode - toggle phone - 4-5 sec FS4 (6A) blows - plate voltage in off position (bc-614 not connected). Also actually the FS5 (3A) blows in CW mode, but I put in a 6A fuse (since I had them) and

that took care of that issue, but figure I should mention it in case it adds info 9 I figured these caps have not had any voltage on them since before 1968 so might need a bit extra current at first.

Something wrong with the windings in T1 or maybe T3?? I am running out of 6A fuses and have not made more than guesswork on the issue.

I have spares for both transformers but the spares are untested and still in a complete enough second unit that is far too good to just part out, want to get one of them on the air and then think about the second one. With my time I can devote to this, I started last fall so I am being very slow and careful but also now getting so close I want to hear it on the air! I am located in Louisville, my dad's friend and the fellow who took all that time to teach me CW, fought in ww2 (he was a scr-299 operator in France) he had a 610 (I think it was an E) when I was just a kid, he did not use it because he said it was a sure fire TVI generator, but I still remember the awe and thinking what a transmitter - have wanted one for about 40yr now and its sooo close. I'm also thinking with Digital now the TVI issue is probably not a concern anymore, plus I am out a ways from the city.

Love to (I will) join you guys on 75m this winter.

Any idea's on how to determine if it's the transformer? I don't want to just start swapping parts due to ignorance J

73 - Dave Trainor N8ZFM

dave@... <mailto:dave%40n8zfm.com>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3949. Re: [T-368_BC-610] BC-610 Problem - long description

Yahoo group: T-368_BC-610
Date: 2009-09-15 03:55:18 UTC
From: wa5cab@cs.com
Topic: 3943  Message: 3949

My first, and by far worst, near-electrocution event was courtesy of a BC-610-E 47 years ago. I won't go into the details. The moral of the story is never trust a bleeder resistor. 2600 volts hurts for quite a while, if you survive.

In a message dated 9/14/2009 10:34:29 PM Central Daylight Time, dave@... writes:
> That's also really great advise Joe - I am old enough to respect 2000V+
> but a lot of the new guys probably have never worked on a high power
> tube transmitter. Lethal if not only correct but if you get careless in
> tinkering with the plate power on. I got hit by a "little" HA 14 (pair
> 572's) about 15 yr ago and am lucky to still be here, was an experience
> never to forget.
>
> 73 - Dave N8ZFM
>
>
> From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
> On Behalf Of Joe Foley
> Sent: Monday, September 14, 2009 9:11 PM
> To: T-368_BC-610@yahoogroups.com
> Subject: Re: [T-368_BC-610] BC-610 Problem - long description
>
> Check your HV wiring again,..... and again!
>
> Rate it perfect before you give up.
>
> Joe
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3950. Re: [T-368_BC-610] BC-610 Problem - long description

Yahoo group: T-368_BC-610
Date: 2009-09-15 05:20:49 UTC
From: mac
Topic: 3943  Message: 3950

Dave,

OK, short it was but up on the 100TH grid leads. Lucky you didn't
take out the driver transformer. Hope the rest of the project goes
smoothly.

73,

Dennis D. W7QHO
Glendale, CA

********

On Sep 14, 2009, at 8:33 PM, Dave Trainor wrote: (in part)

> Found the issue - the wiring was correct but there was a short - I
> retained the original piece of braid shield for the grid leads to the
> 100th's and right next to T6 the shield ends and the 2 wires emerge to
> connect to T6 the braid is soldered with a small wire attached to
> ground
> - in soldering this wire to the outside of the braid it melted the
> insulation on both but one badly of the grid leads and they were
> shorted
> to ground. The braid was oxidized and I had to heat the heck out of it
> to solder, should really have checked that with the ohmmeter right
> after
> soldering, in retrospect it makes sense now.
>

[Non-text portions of this message have been removed]

# 3951. Re: [T-368_BC-610] BC-610 Problem - long description

Yahoo group: T-368_BC-610
Date: 2009-09-15 06:53:26 UTC
From: mac
Topic: 3943  Message: 3951

Dave,

Looking at the schematic again the short you found would not have loaded your bias supply down enough to blow the fuse by itself. With the grid short alone, the resistance the bias supply would see would have been something between 2200 and 2700 ohms depending on the adjustment of the bias control R12. This, of course, if the wiring is in accordance with the original schematic. The normal load on the supply (in Phone) is essentially R11 in parallel with R34 or around 2700 ohms with some small variation depending on the setting of R12. Grid short needs to be fixed, of course, but afraid the big problem has yet to be found.

Sorry :^(

Dennis D. W7QHO
Glendale, CA

On Sep 14, 2009, at 10:20 PM, mac wrote:

> Found the issue - the wiring was correct but there was a short - I
> > retained the original piece of braid shield for the grid leads to
> the
> > 100th's and right next to T6 the shield ends and the 2 wires
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> > insulation on both but one badly of the grid leads and they were
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> > to ground. The braid was oxidized and I had to heat the heck out
> of it
> > to solder, should really have checked that with the ohmmeter right
> > after
> > soldering, in retrospect it makes sense now.

# 3952. Re: [T-368_BC-610] BC-610 Problem - long description

Yahoo group: T-368_BC-610
Date: 2009-09-15 08:02:02 UTC
From: Alan Morriss
Topic: 3943  Message: 3952

hello, well, i made a stupid mistake when i first got the bc610. i had the ht switch on, having disabled the safety interlock. i forgot this and touched the tank coil. i nearly flew out of the shelter and the ht trip went. i have been working on big transmitters for at least 50 years ! fortunately i was always taught to keep one hand in your pocket. in many ways they are like a single engined aircraft. always waiting to get you . cheers, alan g4gen
----- Original Message -----
From: mac
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, September 15, 2009 7:53 AM
Subject: Re: [T-368_BC-610] BC-610 Problem - long description

Dave,

Looking at the schematic again the short you found would not have loaded your bias supply down enough to blow the fuse by itself. With the grid short alone, the resistance the bias supply would see would have been something between 2200 and 2700 ohms depending on the adjustment of the bias control R12. This, of course, if the wiring is in accordance with the original schematic. The normal load on the supply (in Phone) is essentially R11 in parallel with R34 or around 2700 ohms with some small variation depending on the setting of R12. Grid short needs to be fixed, of course, but afraid the big problem has yet to be found.

Sorry :^(

Dennis D. W7QHO
Glendale, CA

On Sep 14, 2009, at 10:20 PM, mac wrote:

> Found the issue - the wiring was correct but there was a short - I
> > retained the original piece of braid shield for the grid leads to
> the
> > 100th's and right next to T6 the shield ends and the 2 wires
> emerge to
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> > insulation on both but one badly of the grid leads and they were
> > shorted
> > to ground. The braid was oxidized and I had to heat the heck out
> of it
> > to solder, should really have checked that with the ohmmeter right
> > after

> > soldering, in retrospect it makes sense now.

[Non-text portions of this message have been removed]

# 3953. Re: BC-610 Problem - long description

Yahoo group: T-368_BC-610
Date: 2009-09-15 17:48:54 UTC
From: aa5it
Topic: 3943  Message: 3953

Boy, I know what you mean. I blew both primary fuses on mine when I got on the high voltage. That's a lot of power to have to endure...
Very painful.

--- In T-368_BC-610@yahoogroups.com, wa5cab@... wrote:
>
> My first, and by far worst, near-electrocution event was courtesy of a
> BC-610-E 47 years ago. I won't go into the details. The moral of the story is
> never trust a bleeder resistor. 2600 volts hurts for quite a while, if you
> survive.
>
> In a message dated 9/14/2009 10:34:29 PM Central Daylight Time,
> dave@... writes:
> > That's also really great advise Joe - I am old enough to respect 2000V+
> > but a lot of the new guys probably have never worked on a high power
> > tube transmitter. Lethal if not only correct but if you get careless in
> > tinkering with the plate power on. I got hit by a "little" HA 14 (pair
> > 572's) about 15 yr ago and am lucky to still be here, was an experience
> > never to forget.
> >
> > 73 - Dave N8ZFM
> >
> >
> > From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
> > On Behalf Of Joe Foley
> > Sent: Monday, September 14, 2009 9:11 PM
> > To: T-368_BC-610@yahoogroups.com
> > Subject: Re: [T-368_BC-610] BC-610 Problem - long description
> >
> > Check your HV wiring again,..... and again!
> >
> > Rate it perfect before you give up.
> >
> > Joe
> >
>
> Robert & Susan Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
>
> [Non-text portions of this message have been removed]
>

# 3954. RE: [T-368_BC-610] BC-610 Problem - long description

Yahoo group: T-368_BC-610
Date: 2009-09-16 03:07:39 UTC
From: Dave Trainor
Topic: 3943  Message: 3954

You are right Dennis, still have a problem. Guess I will pull the mod deck yet again and retrace. I am becoming an expert and also building bicep strength with pulling it and putting it back J

This is not that complicated a circuit for me to be having this problem, but I must (do) have a mistake somewhere. The grid short was for sure a problem and that one at least is corrected now. I WILL get there eventually...

You know the one thing I did was follow the diagram for the "H" model because it was far more complete in the manual and had each wire easily marked. There are a couple of minor differences between the H and I, maybe I missed one that's critical here. I have been using the "I" schematic to trace things out, the only difference I have noted is R37 and a jumper on SW4 and I have both of those wired per the "I" schematic. I had not gotten this far but tried tonight just to see, turning on the exciter plate power is fine, voltages are correct and the VR tubes light up pretty purple, but turning on the plate power instantly blows the same 6A fuse. I have not completed the HV wiring to the RF deck, it ends at RY3, I have not wired in the plate meter yet either, so that is yet another - or maybe the same - mistake.

Re-creating all the wiring looms was not something I took on lightly but I had no choice, the rodents living in there at some point must have liked insulation.

It does at least look pretty now, I had all the metal dipped and etched and then powder coated. Copied all the labels and then had color transfers made to put back all the factory labels. Serial # 635 will live again.

73 - Dave N8ZFM

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
On Behalf Of mac
Sent: Tuesday, September 15, 2009 2:53 AM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] BC-610 Problem - long description

Dave,

Looking at the schematic again the short you found would not have loaded your bias supply down enough to blow the fuse by itself. With the grid short alone, the resistance the bias supply would see would have been something between 2200 and 2700 ohms depending on the adjustment of the bias control R12. This, of course, if the wiring is in accordance with the original schematic. The normal load on the

supply (in Phone) is essentially R11 in parallel with R34 or around
2700 ohms with some small variation depending on the setting of R12.
Grid short needs to be fixed, of course, but afraid the big problem
has yet to be found.

Sorry :^(

Dennis D. W7QHO
Glendale, CA

On Sep 14, 2009, at 10:20 PM, mac wrote:

> Found the issue - the wiring was correct but there was a short - I
> > retained the original piece of braid shield for the grid leads to
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> > 100th's and right next to T6 the shield ends and the 2 wires
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> > to ground. The braid was oxidized and I had to heat the heck out
> of it
> > to solder, should really have checked that with the ohmmeter right
> > after
> > soldering, in retrospect it makes sense now.

[Non-text portions of this message have been removed]

# 3955. Pictures

Yahoo group: T-368_BC-610
Date: 2009-09-16 03:26:24 UTC
From: n8zfm
Topic: 3955  Message: 3955

I posted 2 pics of my 610-I as I do think it looks really nice, now to get my wiring issues resolved and it will return to the airwaves.

73 - Dave N8ZFM

# 3956. Re: [T-368_BC-610] Pictures

Yahoo group: T-368_BC-610
Date: 2009-09-16 11:17:25 UTC
From: Tom Smith
Topic: 3955  Message: 3956

Wow,
I connected to the link on this email and up popped a picture of my
old T-368 and BC-610I with my pair of R-392s.

How does that happen?

Tom N5AMA

On Wed, 16 Sep 2009 03:26:24 -0000
"n8zfm" <dave@...> wrote:
> I posted 2 pics of my 610-I as I do think it looks really nice, now
>to get my wiring issues resolved and it will return to the airwaves.
>
> 73 - Dave N8ZFM
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 3957. RE: [T-368_BC-610] Pictures

Yahoo group: T-368_BC-610
Date: 2009-09-16 12:18:08 UTC
From: Dave Trainor
Topic: 3955  Message: 3957

I dunno, I put them in a separate picture folder in the photo section.

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
On Behalf Of Tom Smith
Sent: Wednesday, September 16, 2009 7:17 AM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] Pictures

Wow,
I connected to the link on this email and up popped a picture of my
old T-368 and BC-610I with my pair of R-392s.

How does that happen?

Tom N5AMA

On Wed, 16 Sep 2009 03:26:24 -0000
"n8zfm" <dave@... <mailto:dave%40n8zfm.com> > wrote:
> I posted 2 pics of my 610-I as I do think it looks really nice, now
>to get my wiring issues resolved and it will return to the airwaves.
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> 73 - Dave N8ZFM
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

# 3958. Re: [T-368_BC-610] Pictures

Yahoo group: T-368_BC-610
Date: 2009-09-16 16:15:34 UTC
From: Joe Foley
Topic: 3955  Message: 3958

I made that the official picture of this mailing list/group.  What better picture to use, it has a T-368 and a BC-610 for comparison with two R-392's and a ME-165 just for conversation.

Joe

--- On Wed, 9/16/09, Tom Smith <tsmith@...> wrote:

From: Tom Smith <tsmith@...>
Subject: Re: [T-368_BC-610] Pictures
To: T-368_BC-610@yahoogroups.com
Date: Wednesday, September 16, 2009, 7:17 AM

Wow,

I connected to the link on this email and up popped a picture of my

old T-368 and BC-610I with my pair of R-392s.

How does that happen?

Tom N5AMA

On Wed, 16 Sep 2009 03:26:24 -0000

"n8zfm" <dave@...> wrote:

> I posted 2 pics of my 610-I as I do think it looks really nice, now

>to get my wiring issues resolved and it will return to the airwaves.

>

> 73 - Dave N8ZFM

>

>

>

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>

> Yahoo! Groups Links

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>

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[Non-text portions of this message have been removed]

# 3959. Really nice looking BC-610-I on eBay, Item number: 200386169447

Yahoo group: T-368_BC-610
Date: 2009-09-24 20:31:06 UTC
From: bayonetdad
Topic: 3959  Message: 3959

I was tipped off from a posting on the Hallicrafters Yahoo group. This one looks nice but is untested. It is located in Fairfax, Virginia. The price seems a bit steep though.

FWIW.

73,

Greg
K6SRO

# 3960. Re: Really nice looking BC-610-I on eBay, Item number: 200386169447

Yahoo group: T-368_BC-610
Date: 2009-09-25 03:53:57 UTC
From: bayonetdad
Topic: 3959  Message: 3960

Just in case, the Item number: 200386169447

I had put the item number in the Subject line, but some browsers may truncate it so it becomes invisible.

73's

Greg
K6SRO

--- In T-368_BC-610@yahoogroups.com, "bayonetdad" <gregf@...> wrote:
>
> I was tipped off from a posting on the Hallicrafters Yahoo group. This one looks nice but is untested. It is located in Fairfax, Virginia. The price seems a bit steep though.
>
> FWIW.
>
> 73,
>
> Greg
> K6SRO
>

# 3961. Re: [T-368_BC-610] Re: Really nice looking BC-610-I on eBay, Item number: 200386169447

Yahoo group: T-368_BC-610
Date: 2009-09-25 14:34:03 UTC
From: Rich Yost
Topic: 3959  Message: 3961

This one has been bouncing around for sometime now.
Probably due to the price, indicative of the prices of his other stuff I guess.
Does look in pretty good shape.
I read a forum somewhere about 6 months ago, from some guy who claimed that this 610 was his,
and he had given it away years ago. Interesting story

Rich
n2ry

_____
From: bayonetdad <gregf@...>
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, September 24, 2009 11:53:57 PM
Subject: [T-368_BC-610] Re: Really nice looking BC-610-I on eBay, Item number: 200386169447

Just in case, the Item number: 200386169447

I had put the item number in the Subject line, but some browsers may truncate it so it becomes invisible.

73's

Greg
K6SRO

--- In T-368_BC-610@ yahoogroups. com, "bayonetdad" <gregf@...> wrote:
>
> I was tipped off from a posting on the Hallicrafters Yahoo group. This one looks nice but is untested. It is located in Fairfax, Virginia. The price seems a bit steep though.
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> FWIW.
>
> 73,
>
> Greg
> K6SRO
>

[Non-text portions of this message have been removed]

# 3962. Re: [T-368_BC-610] Re: Really nice looking BC-610-I on eBay, Item number: 200386169447

Yahoo group: T-368_BC-610
Date: 2009-09-27 15:39:28 UTC
From: Larry Godek
Topic: 3959  Message: 3962

Yep.  Same one.  I remember it from some time back as well.  Really nice radio but it's always been way overpriced.

Thing about listings like this are the wordings of "i don't know a thing about items like this"!  Then why did he pick it up at a hamfest a couple years back?  What did he think it was a tape recorder?  Then you see all sorts of electronic stuff in the background and it makes you wonder.  You see this in listings all the time.

One thing it does have though is the shock mount base plate.  And i do know that thing is heavy.  When at an estate sale about 6 years ago there were a couple of 610's setting out in the barn, almost complete but dirty and full of whatever there was floating around.  There was one of these 610 shock mounts there and i was dumb enough to leave it.  Dumb dumb!

Live and learn i guess.

Larry
W0OGH

--- On Fri, 9/25/09, Rich Yost <n2ry@...> wrote:

From: Rich Yost <n2ry@...>
Subject: Re: [T-368_BC-610] Re: Really nice looking BC-610-I on eBay, Item number: 200386169447
To: T-368_BC-610@yahoogroups.com
Date: Friday, September 25, 2009, 7:34 AM

This one has been bouncing around for sometime now.

Probably due to the price, indicative of the prices of his other stuff I guess.

Does look in pretty good shape.

I read a forum somewhere about 6 months ago, from some guy who claimed that this 610 was his,

and he had given it away years ago. Interesting story

Rich

n2ry

---------- --------- --------- --

From: bayonetdad <gregf@...>

To: T-368_BC-610@ yahoogroups. com

Sent: Thursday, September 24, 2009 11:53:57 PM

Subject: [T-368_BC-610] Re: Really nice looking BC-610-I on eBay, Item number: 200386169447

Just in case, the Item number: 200386169447

I had put the item number in the Subject line, but some browsers may truncate it so it becomes invisible.

73's

Greg

K6SRO

--- In T-368_BC-610@ yahoogroups. com, "bayonetdad" <gregf@...> wrote:

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> Greg

> K6SRO

>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3963. Re: [T-368_BC-610] Re: Really nice looking BC-610-I on eBay, Item number: 200...

Yahoo group: T-368_BC-610
Date: 2009-09-27 16:06:02 UTC
From: wa5cab@cs.com
Topic: 3963  Message: 3963

Yeah, that is just a trifle steep (asking price). I would have cleaned the dust off the top, too. :-)

I have at least one of the shock mount pairs. The rubber has a tendency to separate. I think I have a second set that separated. Probably E6000 would put the pieces back together, but I'm not sure I would trust it in a vehicle.

I have a BC-610-E available. And a kit BC-610-F. By kit, I mean that the previous owner pulled the exterior sheet metal and had it repainted but never put it back together. I haven't had the time to do it either. Would be a nice looking rig if reassembled. I thought about keeping it, as my second 610 was an -F. But three years after acquiring it, I still haven't found time to put it back together. If anyone is interested in either, contact me direct. But you'll have to come get it, especially the -F.

In a message dated 9/27/2009 10:40:10 AM Central Daylight Time, tel1grapher@... writes:
> Yep. Same one. I remember it from some time back as well. Really nice
> radio but it's always been way overpriced.
>
> Thing about listings like this are the wordings of "i don't know a thing
> about items like this"! Then why did he pick it up at a hamfest a couple
> years back? What did he think it was a tape recorder? Then you see all
> sorts of electronic stuff in the background and it makes you wonder. You see
> this in listings all the time.
>
> One thing it does have though is the shock mount base plate. And i do
> know that thing is heavy. When at an estate sale about 6 years ago there were
> a couple of 610's setting out in the barn, almost complete but dirty and
> full of whatever there was floating around. There was one of these 610
> shock mounts there and i was dumb enough to leave it. Dumb dumb!
>
> Live and learn i guess.
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3964. Re: [T-368_BC-610] Re: Really nice looking BC-610-I on eBay, Item number: 200...

Yahoo group: T-368_BC-610
Date: 2009-09-28 02:07:11 UTC
From: Gary Pewitt
Topic: 3963  Message: 3964

I have been looking for a complete -modulator deck- for a 610-E for a
long time. I have a stripped chassis
but would need -all- the components to complete it. If anyone has an
extra I could sure use it. Thanks and 73
Gary N9ZSV

wa5cab@... wrote:
>
>
> Yeah, that is just a trifle steep (asking price). I would have cleaned
> the
> dust off the top, too. :-)
>
> I have at least one of the shock mount pairs. The rubber has a
> tendency to
> separate. I think I have a second set that separated. Probably E6000
> would put the pieces back together, but I'm not sure I would trust it
> in a
> vehicle.
>
> I have a BC-610-E available. And a kit BC-610-F. By kit, I mean that the
> previous owner pulled the exterior sheet metal and had it repainted but
> never put it back together. I haven't had the time to do it either.
> Would be a
> nice looking rig if reassembled. I thought about keeping it, as my second
> 610 was an -F. But three years after acquiring it, I still haven't found
> time to put it back together. If anyone is interested in either,
> contact me
> direct. But you'll have to come get it, especially the -F.
>
> In a message dated 9/27/2009 10:40:10 AM Central Daylight Time,
> tel1grapher@... <mailto:tel1grapher%40yahoo.com> writes:
> > Yep. Same one. I remember it from some time back as well. Really nice
> > radio but it's always been way overpriced.
> >
> > Thing about listings like this are the wordings of "i don't know a
> thing
> > about items like this"! Then why did he pick it up at a hamfest a
> couple
> > years back? What did he think it was a tape recorder? Then you see all
> > sorts of electronic stuff in the background and it makes you wonder.
> You see
> > this in listings all the time.
> >

> > One thing it does have though is the shock mount base plate. And i do
> > know that thing is heavy. When at an estate sale about 6 years ago
> there were
> > a couple of 610's setting out in the barn, almost complete but dirty
> and
> > full of whatever there was floating around. There was one of these 610
> > shock mounts there and i was dumb enough to leave it. Dumb dumb!
> >
> > Live and learn i guess.
> >
>
> Robert Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
> [Non-text portions of this message have been removed]
>
>

# 3965. RE: Really nice looking BC-610-I on eBay, Item number: 200386169447

Yahoo group: T-368_BC-610
Date: 2009-09-28 02:36:09 UTC
From: Bry Carling
Topic: 3959  Message: 3965

It does look excellent but $3,000.00 ??
OUCH!

# 3966. ART-13 modulation question

Yahoo group: T-368_BC-610
Date: 2009-09-28 02:48:28 UTC
From: Trevor
Topic: 3966  Message: 3966

OK; I know that this is a T-368/ BC-610 group-

but-- y'all seem to now more than lots about some of this wonderful old iron-

a long time ago, I had a nice ART-13 that the prior owner had bought unused from Uncle Sam; between the pieces that I got from the prior owner (he was an SK and I bought it from his widow)(and I did not pay cheap) and my own scrounging, I fed it power from an AC supply that had extreme over-abundance of weight of power transformers, huge oil-filled caps, and chokes-

But--

Whether I tried to drive it with a carbon mic or a 40 watt Dyna monaural hi fi amp and pre-amp tied in; the primary of the ART-13's mod transformer or even tried hybrid -Heising coupling to the AERT-13's mond transformer, it would not modulate worth turd. tons of carrier- as in arc-scorch the plates out of the caps of a 'modern' antenna coupler-

Was I trying to drive a failed mod XFMR as a giant A.F. dummy load, or is there something else/ different that I should learn from this?

73

# 3967. Re: [T-368_BC-610] ART-13 modulation question

Yahoo group: T-368_BC-610
Date: 2009-09-28 03:32:46 UTC
From: wa5cab@cs.com
Topic: 3966  Message: 3967

I take it that you no longer have the T-47. It is possible that the 813 plate secondary of the transformer was shorted. But I've had quite a few of the sets and historically the only bad modulation transformers I have ever seen had been removed from a transmitter and then dropped. If you had weak modulation (not no modulation), one possibility is that the contacts on relay K103 that are across the plate winding were welded. And all that you were modulating was the 813 screen. Although I don't recall ever seeing it, this might happen if you switched from Voice to CW with key down and while whistling into the microphone. Or the relay could have been stuck in the CW position. How did you remove the 1250 VDC from the 811 plate leads when you hooked up the Dyna to the transformer?

T-47's normally have pretty good audio. When I left for Vietnam in 1967, one of mine was TAD to the LA Tech campus radio station operating on 770 KC. So for that matter was my BC-610-F.

In a message dated 9/27/2009 9:49:14 PM Central Daylight Time, kd1yt@... writes:

> OK; I know that this is a T-368/ BC-610 group-
>
> but-- y'all seem to now more than lots about some of
> this wonderful old iron-
>
> a long time ago, I had a nice ART-13 that the prior
> owner had bought unused from Uncle Sam; between the
> pieces that I got from the prior owner (he was an SK
> and I bought it from his widow)(and I did not pay
> cheap) and my own scrounging, I fed it power from an
> AC supply that had extreme over-abundance of weight
> of power transformers, huge oil-filled caps, and chokes-
>
> But--
>
> Whether I tried to drive it with a carbon mic or a 40
> watt Dyna monaural hi fi amp and pre-amp tied in;
> the primary of the ART-13's mod transformer or even
> tried hybrid -Heising coupling to the AERT-13's mond
> transformer, it would not modulate worth turd. tons
> of carrier- as in arc-scorch the plates out of the
> caps of a 'modern' antenna coupler-
>
> Was I trying to drive a failed mod XFMR as a giant
> A.F. dummy load, or is there something else/
> different that I should learn from this?
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 3968. Re: [T-368_BC-610] BC-610 Problem - long description

Yahoo group: T-368_BC-610
Date: 2009-09-28 04:59:43 UTC
From: mac
Topic: 3943  Message: 3968

Dave,

Ever find the problem?

Dennis D. W7QHO
Glendale, CA

**********

On Sep 14, 2009, at 11:53 PM, mac wrote:

> Dave,
>
> Looking at the schematic again the short you found would not have
> loaded your bias supply down enough to blow the fuse by itself. With
> the grid short alone, the resistance the bias supply would see
> would have been something between 2200 and 2700 ohms depending on
> the adjustment of the bias control R12. This, of course, if the
> wiring is in accordance with the original schematic. The normal load
> on the supply (in Phone) is essentially R11 in parallel with R34 or
> around 2700 ohms with some small variation depending on the setting
> of R12. Grid short needs to be fixed, of course, but afraid the big
> problem has yet to be found.
>
> Sorry :^(
>
> Dennis D. W7QHO
> Glendale, CA
>
> On Sep 14, 2009, at 10:20 PM, mac wrote:
>
>> Found the issue - the wiring was correct but there was a short - I
>> > retained the original piece of braid shield for the grid leads to
>> the
>> > 100th's and right next to T6 the shield ends and the 2 wires
>> emerge to
>> > connect to T6 the braid is soldered with a small wire attached to
>> > ground
>> > - in soldering this wire to the outside of the braid it melted the
>> > insulation on both but one badly of the grid leads and they were
>> > shorted
>> > to ground. The braid was oxidized and I had to heat the heck out
>> of it
>> > to solder, should really have checked that with the ohmmeter right
>> > after
>> > soldering, in retrospect it makes sense now.

>

# 3969. Re: [T-368_BC-610] Digest Number 1482

Yahoo group: T-368_BC-610
Date: 2009-09-28 12:05:44 UTC
From: Bry Carling
Topic: 3969  Message: 3969

> Thing about listings like this are the wordings of "i don't know a thing
> about items like this"!  Then why did he pick it up at a hamfest a couple
> years back?

I agree - if he doesn't KNOW anything about it, then that absolves
him of any responsibility, right?

How strange that he "KNOWS" enough about it that he wants
$3,000.00 for it!!

# 3970. RE: [T-368_BC-610] BC-610 Problem - long description

Yahoo group: T-368_BC-610
Date: 2009-09-28 15:18:29 UTC
From: Dave Trainor
Topic: 3943  Message: 3970

Well I went back to the drawing board and printed out a 3' by 2' poster of the schematic and have been tracing each wire. So far I have verified my front panel, the power supply deck and the interconnecting cables. Up to this point I have not found an error. I have been traveling a lot the past two weeks for work and have not gotten any farther yet. I am certain that I must have made a mistake somewhere altough its possible that the center tap on the 2.5 volt winding of T1 may be bad. It could be what's loading down the bias supply but before I disassembled things an Ohmmeter did not reveal any issue. Do you know of a way to verify that?

73 - Dave N8ZFM

From: mac
Sent: Mon 9/28/2009 12:59 AM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] BC-610 Problem - long description

Dave,

Ever find the problem?

Dennis D. W7QHO
Glendale, CA

**********

On Sep 14, 2009, at 11:53 PM, mac wrote:

> Dave,
>
> Looking at the schematic again the short you found would not have
> loaded your bias supply down enough to blow the fuse by itself. With
> the grid short alone, the resistance the bias supply would see
> would have been something between 2200 and 2700 ohms depending on
> the adjustment of the bias control R12. This, of course, if the
> wiring is in accordance with the original schematic. The normal load
> on the supply (in Phone) is essentially R11 in parallel with R34 or
> around 2700 ohms with some small variation depending on the setting
> of R12. Grid short needs to be fixed, of course, but afraid the big
> problem has yet to be found.
>
> Sorry :^(
>
> Dennis D. W7QHO
> Glendale, CA
>
> On Sep 14, 2009, at 10:20 PM, mac wrote:
>

>> Found the issue - the wiring was correct but there was a short - I
>> > retained the original piece of braid shield for the grid leads to
>> the
>> > 100th's and right next to T6 the shield ends and the 2 wires
>> emerge to
>> > connect to T6 the braid is soldered with a small wire attached to
>> > ground
>> > - in soldering this wire to the outside of the braid it melted the
>> > insulation on both but one badly of the grid leads and they were
>> > shorted
>> > to ground. The braid was oxidized and I had to heat the heck out
>> of it
>> > to solder, should really have checked that with the ohmmeter right
>> > after
>> > soldering, in retrospect it makes sense now.
>

[Non-text portions of this message have been removed]

# 3971. New file uploaded to T-368_BC-610

Yahoo group: T-368_BC-610
Date: 2009-10-03 20:19:47 UTC
From: T-368_BC-610@yahoogroups.com
Topic: 965  Message: 3971

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the T-368_BC-610
group.

File : /The HT-4 Goes to War.pdf
Uploaded by : bayonetdad <gregf@...>
Description : Hallicrafters 1944 Book: The HT-4 Goes to War

You can access this file at the URL:
http://groups.yahoo.com/group/T-368_BC-610/files/The%20HT-4%20Goes%20to%20War.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/general.htmlfiles

Regards,

bayonetdad <gregf@...>

# 3972. Re: New file uploaded to T-368_BC-610

Yahoo group: T-368_BC-610
Date: 2009-10-03 20:25:33 UTC
From: bayonetdad
Topic: 965  Message: 3972

If you click the link below, it will error saying file not found, but in reality, it is there in the Files Section. Just go to Files and scroll down. You'll find it. Enjoy.

As soon as BAMA comes back online, I will upload the HiDef version which is 22 MB in file size. Yahoo limit is 5MB.

73,

Greg
K6SRO

--- In T-368_BC-610@yahoogroups.com, T-368_BC-610@...m wrote:

> You can access this file at the URL:
> http://groups.yahoo.com/group/T-368_BC-610/files/The%20HT-4%20Goes%20to%20War.pdf

# 3973. Re: New file uploaded to T-368_BC-610

Yahoo group: T-368_BC-610
Date: 2009-10-03 20:29:59 UTC
From: bayonetdad
Topic: 965  Message: 3973

Credit Bill K2WH and Garey K4OAH of the Hallicrafters group on Yahoo for getting a reduced size version that could be uploaded here.

FB AB

73,

Greg
K6SRO

--- In T-368_BC-610@yahoogroups.com, "bayonetdad" <gregf@...> wrote:
>
> If you click the link below, it will error saying file not found, but in reality, it is there in the Files Section. Just go to Files and scroll down. You'll find it. Enjoy.
>
> As soon as BAMA comes back online, I will upload the HiDef version which is 22 MB in file size. Yahoo limit is 5MB.
>
> 73,
>
> Greg
> K6SRO
>
>
>
> --- In T-368_BC-610@yahoogroups.com, T-368_BC-610@yahoogroups.com wrote:
>
> > You can access this file at the URL:
> > http://groups.yahoo.com/group/T-368_BC-610/files/The%20HT-4%20Goes%20to%20War.pdf
>

# 3974. Was- New file uploaded to T-368_BC-610

Yahoo group: T-368_BC-610
Date: 2009-10-04 03:31:46 UTC
From: Trevor
Topic: 3974  Message: 3974

While we are focused on history from that era, I finally found a partial reference to the really interesting bit I found on the role of the BC-221/ LM etc family of frequency meters to the Allies victory in WWII-- and the development of some of the very early vacuum tube/ mechanical computers to make the calibration books

http://jproc.ca/ve3fab/bc221.html

I have tried to search online for the print article described in that web page as:

"in-depth article about this system (the frequency meters) including photos, partial schematics, integration formulae and much more can be found in the magazine 'Electronics' for May, 1944 at page 98."

and have not found it. I do not know of any place that has archives for "Electronics" and don't know if that magazine has any "surviving successors" that I could contact.

Anyone have any leads on a non-time-consuming way to find the original 1944 article?

I know that this is a bit off topic from T-368s and BC-610s, but I am assuming that the freq. meters may have had a role in the whole overall "set" that the 610s were a part of?

Thanks & 73
Trevor

------- Original Message -------
From : bayonetdad[mailto:gregf@...]
Sent : 10/3/2009 4:25:33 PM
To : T-368_BC-610@yahoogroups.com
Cc :
Subject : RE: [T-368_BC-610] Re: New file uploaded to T-368_BC-610

If you click the link below, it will error saying file not found, but in reality, it is there in the Files Section. Just go to Files and scroll down. You'll find it. Enjoy.

As soon as BAMA comes back online, I will upload the
HiDef version which is 22 MB in file size. Yahoo
limit is 5MB.

73,

Greg

K6SRO

--- In T-368_BC-610@yahoogroups.com,
T-368_BC-610@yahoogroups.com wrote:

> You can access this file at the URL:

>
http://groups.yahoo.com/group/T-368_BC-610/files/The%20HT-4%20Goes%20to%20War.pdf

# 3975. Re: Was- New file uploaded to T-368_BC-610

Yahoo group: T-368_BC-610
Date: 2009-10-04 23:16:12 UTC
From: bayonetdad
Topic: 3974  Message: 3975

Glad you brought up the BC-221. Without calibration equipment, the rest of the hardware does not perform in optimal fashion.

I checked the ARRL archives (members only) and there are 22 articles catalogued there. Unfortunately, not the one you are seeking but nonetheless, a wealth of information and applications for it. Thank you for posting as I hadn't thought of checking ARRL for BC221 info before. Now I will restore mine for sure!

Here's the articles available:

Dec 1979 QST 59 More on Solid-State Conversion of BC-221/LM Frequency Meters
(Hints and Kinks)
Article: QST Archive [PDF]
Keywords: MODIFICATION BC-221 FREQUENCY METER
Peck, Floyd, K6SNO

Apr 1977 QST 39 Solid-State BC-221 Frequency Meter
(Feedback)
Article: QST Archive [PDF]
Keywords: MODIFICATION BC-221 FREQUENCY METER

Feb 1977 QST 35 Solid-State BC-221 Frequency Meter
Article: QST Archive [PDF]
Keywords: MODIFICATION BC-221 FREQUENCY METER

Mar 1966 QST 78 BC-221 Maintenance
(Technical Correspondence)
Article: QST Archive [PDF]
Fishback, William H., W1IKU

Sep 1965 QST 28 Frequency Measurement with the LM/BC-221
Article: QST Archive [PDF]
Sapp, Kenneth N., W4AWY

Apr 1965 QST 18 Calibrating the LM Frequency Meter
Article: QST Archive [PDF]
Keywords: BC-221
Countryman, G.L., W4JA

Dec 1964 QST 31 Extending the Range of the BC-221 Frequency Meter
Article: QST Archive [PDF]
Keywords: SURPLUS MODIFICATION
Robinson, Alfred, W6PM

Mar 1958 QST 59 BC-221 as a Carrier Injection Generator for S.S.B.
(Hints and Kinks)
Article: QST Archive [PDF]

King, Marlin R., KP4RC

Mar 1956 QST 65 BC-221 comments to author, please
(Strays)
Article: QST Archive [PDF]
Riley, Jr., Charles L., W1JJY/3

Jan 1956 QST 40 Interpolation Frequency Measurements With the BC-221
Article: QST Archive [PDF]
Keywords: SURPLUS
Riley, Jr., Charles L., W1JJY

Oct 1953 QST 38 BC-221 freqmeter users
(Strays)
Article: QST Archive [PDF]

Aug 1953 QST 38 Adding a Bandspread Range to the BC-221 Frequency Meter
Article: QST Archive [PDF]
Keywords: MODIFICATION SURPLUS
Dudley, Beverly

Jul 1953 QST 48 Reduced Output from the BC-221-A Frequency Meter
(Hints and Kinks)
Article: QST Archive [PDF]
Keywords: SURPLUS
Koranye, T.D., W2SFW

May 1950 QST 10 "Calibrating a BC-221 Frequency Meter" (March 1950 QST)
(Feedback)
Article: QST Archive [PDF]
Keywords: SURPLUS

May 1950 QST 66 Null Indicator for the BC-221
(Hints and Kinks)
Article: QST Archive [PDF]
Keywords: SURPLUS
Wood, W.A.M., VE4MW

Mar 1950 QST 40 Calibrating a BC-221 Frequency Meter
Article: QST Archive [PDF]
Keywords: SURPLUS
Dudley, Beverly

Feb 1950 QST 18 Your BC-221 as an Audio Signal Generator
Article: QST Archive [PDF]
Keywords: SURPLUS
Vogt, Clifford, W8NCO

Jan 1950 QST 46 Using the BC-221 Frequency Meter at VHF
(Hints and Kinks)
Article: QST Archive [PDF]
Keywords: SURPLUS
Cross, Henry, W1OOP

May 1948 QST 68 Adding Tone Modulation to the BC-221 Frequency Meter (Hints and Kinks)
Article: QST Archive [PDF]
Carlson, Herb, W3NHA

May 1948 QST 68 Adding Tone Modulation to the BC-221 Frequency Meter (Hints and Kinks)
Article: QST Archive [PDF]
Cunningham, Chester B., W3MHW

Mar 1947 QST 43 BC-221 Frequency Meter as a VFO, The
Article: QST Archive [PDF]
Johnson, Howard W., W7NU

Dec 1946 QST 182 BC-221-D hum
(Strays)
Article: QST Archive [PDF]
W2BAI

73's

Greg
K6SRO

# 3976. RE: [T-368_BC-610] Re: Was- New file uploaded to T-368_BC-610

Yahoo group: T-368_BC-610
Date: 2009-10-05 01:20:26 UTC
From: Dave Trainor
Topic: 3974  Message: 3976

I got a 221 with my 610, Other than checking all the tubes and replacing the electrolytic caps in the added power supply it powered up and worked fine. I checked the supplied calibration against a tek counter and found it to still be within a couple hundred Hz of the original calibration. The accuracy is astounding after 65 years, a very well designed piece of equipment.

73 - Dave N8ZFM

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
On Behalf Of bayonetdad
Sent: Sunday, October 04, 2009 7:16 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] Re: Was- New file uploaded to T-368_BC-610

Glad you brought up the BC-221. Without calibration equipment, the rest of the hardware does not perform in optimal fashion.

I checked the ARRL archives (members only) and there are 22 articles catalogued there. Unfortunately, not the one you are seeking but nonetheless, a wealth of information and applications for it. Thank you for posting as I hadn't thought of checking ARRL for BC221 info before. Now I will restore mine for sure!

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Riley, Jr., Charles L., W1JJY

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Article: QST Archive [PDF]
Keywords: MODIFICATION SURPLUS
Dudley, Beverly

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Koranye, T.D., W2SFW

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Article: QST Archive [PDF]
Keywords: SURPLUS

May 1950 QST 66 Null Indicator for the BC-221
(Hints and Kinks)
Article: QST Archive [PDF]
Keywords: SURPLUS
Wood, W.A.M., VE4MW

Mar 1950 QST 40 Calibrating a BC-221 Frequency Meter
Article: QST Archive [PDF]
Keywords: SURPLUS
Dudley, Beverly

Feb 1950 QST 18 Your BC-221 as an Audio Signal Generator
Article: QST Archive [PDF]
Keywords: SURPLUS
Vogt, Clifford, W8NCO

Jan 1950 QST 46 Using the BC-221 Frequency Meter at VHF
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Johnson, Howard W., W7NU

Dec 1946 QST 182 BC-221-D hum
(Strays)
Article: QST Archive [PDF]
W2BAI

73's

Greg
K6SRO

[Non-text portions of this message have been removed]

# 3977. RE: [T-368_BC-610] BC-610 Problem - long description

Yahoo group: T-368_BC-610
Date: 2009-10-05 01:16:08 UTC
From: Dave Trainor
Topic: 3943  Message: 3977

Dennis,

Super news, I found the problem. It was a silly mistake
and could only be made by following the numbered wiring diagram in the
TM 11-826 manual - figure 94 - I had gotten wire 260 and 261 reversed, I
gpt my little heat shrink markers backwards on the wires. So I had 117V
on one of the Bias rect plates and worse, the correct bias end on term 2
of T1. (basically reverse connections on term 2 and 5 of T1) A wonder I
did not do some type of damage and that's a credit to the designers for
choosing components that are built to go thru a war.

So I now have all of my voltages correct including plate voltage. Now I
can finish up some RF deck output wiring and move right into testing. I
have heard it's a good idea to let the 100th's and 250th sit with just
filament voltage for several hours, mine have not seen any use in at
least 20 and maybe 30 or more years.

Going to be away again all this week so I have to get back to it next
weekend, but have been smiling since I found my problem. I have not
started reassembly of my 614 so soon as I conduct a successful CW test
with the 610, that is my next step.

73 - Dave N8ZFM

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
On Behalf Of mac
Sent: Monday, September 28, 2009 1:00 AM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] BC-610 Problem - long description

Dave,

Ever find the problem?

Dennis D. W7QHO
Glendale, CA

**********

On Sep 14, 2009, at 11:53 PM, mac wrote:

> Dave,
>
> Looking at the schematic again the short you found would not have
> loaded your bias supply down enough to blow the fuse by itself. With
> the grid short alone, the resistance the bias supply would see
> would have been something between 2200 and 2700 ohms depending on
> the adjustment of the bias control R12. This, of course, if the

> wiring is in accordance with the original schematic. The normal load
> on the supply (in Phone) is essentially R11 in parallel with R34 or
> around 2700 ohms with some small variation depending on the setting
> of R12. Grid short needs to be fixed, of course, but afraid the big
> problem has yet to be found.
>
> Sorry :^(
>
> Dennis D. W7QHO
> Glendale, CA
>
> On Sep 14, 2009, at 10:20 PM, mac wrote:
>
>> Found the issue - the wiring was correct but there was a short - I
>> > retained the original piece of braid shield for the grid leads to
>> the
>> > 100th's and right next to T6 the shield ends and the 2 wires
>> emerge to
>> > connect to T6 the braid is soldered with a small wire attached to
>> > ground
>> > - in soldering this wire to the outside of the braid it melted the
>> > insulation on both but one badly of the grid leads and they were
>> > shorted
>> > to ground. The braid was oxidized and I had to heat the heck out
>> of it
>> > to solder, should really have checked that with the ohmmeter right
>> > after
>> > soldering, in retrospect it makes sense now.
>

[Non-text portions of this message have been removed]

# 3978. frequency and calibration items to go with BC-etcs

Yahoo group: T-368_BC-610
Date: 2009-10-05 02:15:11 UTC
From: Trevor
Topic: 3978  Message: 3978

Yeah- thanks- I have looked at some of those by way of old paper QSTs that I have an incomplete, but sometimes accidentally topic-matching batch of, and by way of some of the CD/DVDs of back issues. Also have seen a CQ article or two on the BC/LM series. Often as not, they are in some way about modifying them- which made sense at the time given that so many, especially those lacking unit-matched calibration books were going for cheap or ending up in the garbage. I still REALLY want to get ahold of the 1944 article, as it, from anything that I can find, is much more about how these items that many take for granted, or some thought of as obsolete relics, actually represent something that was pioneering physical invention and development of early computing technologies- and also is tied up in some huge regards with the outcome of the struggles against fascism in the 1940s- if you couldn't accurately aim for a frequency and be sure to get there, you were less likely to get a message through- and the Allies, with the BC/LM, apparently had a big advantage in getting on the right frequency. Sort of marvellous to me, given the technological limits of the time, compared to modern digital technology (useful as it is) where it is sort of easier to use, yet in some senses less remarkable (given the context) and also less robust under severe conditions.

still on the search for the '44 article- I will look some, ask a reference librarian locally, and hope others keep looking, too.

73
Trevor

------- Original Message -------
From : bayonetdad[mailto:gregf@...]
Sent : 10/4/2009 7:16:12 PM
To : T-368_BC-610@yahoogroups.com
Cc :
Subject : RE: [T-368_BC-610] Re: Was- New file uploaded to T-368_BC-610

Glad you brought up the BC-221.
Without calibration equipment, the rest of the hardware does not perform in optimal fashion.

I checked the ARRL archives (members only) and there are 22 articles catalogued there. Unfortunately, not the one you are seeking but nonetheless, a wealth of information and applications for it. Thank you for posting as I hadn't thought of checking ARRL for BC221 info before. Now I will restore mine for sure!

Here's the articles available:

Dec 1979 QST 59 More on Solid-State Conversion of BC-221/LM Frequency Meters

(Hints and Kinks)

Article: QST Archive [PDF]

Keywords: MODIFICATION BC-221 FREQUENCY METER

Peck, Floyd, K6SNO

Apr 1977 QST 39 Solid-State BC-221 Frequency Meter

(Feedback)

Article: QST Archive [PDF]

Keywords: MODIFICATION BC-221 FREQUENCY METER

Feb 1977 QST 35 Solid-State BC-221 Frequency Meter

Article: QST Archive [PDF]

Keywords: MODIFICATION BC-221 FREQUENCY METER

Mar 1966 QST 78 BC-221 Maintenance

(Technical Correspondence)

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Fishback, William H., W1IKU

Sep 1965 QST 28 Frequency Measurement with the LM/BC-221

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Sapp, Kenneth N., W4AWY

Apr 1965 QST 18 Calibrating the LM Frequency Meter

Article: QST Archive [PDF]

Keywords: BC-221

Countryman, G.L., W4JA

Dec 1964 QST 31 Extending the Range of the BC-221
Frequency Meter

Article: QST Archive [PDF]

Keywords: SURPLUS MODIFICATION

Robinson, Alfred, W6PM

Mar 1958 QST 59 BC-221 as a Carrier Injection
Generator for S.S.B.

(Hints and Kinks)

Article: QST Archive [PDF]

King, Marlin R., KP4RC

Mar 1956 QST 65 BC-221 comments to author, please

(Strays)

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Riley, Jr., Charles L., W1JJY/3

Jan 1956 QST 40 Interpolation Frequency Measurements
With the BC-221

Article: QST Archive [PDF]

Keywords: SURPLUS

Riley, Jr., Charles L., W1JJY

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(Strays)

Article: QST Archive [PDF]

Aug 1953 QST 38 Adding a Bandspread Range to the
BC-221 Frequency Meter

Article: QST Archive [PDF]

Keywords: MODIFICATION SURPLUS

Dudley, Beverly

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(Hints and Kinks)

Article: QST Archive [PDF]

Keywords: SURPLUS

Koranye, T.D., W2SFW

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(Feedback)

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Keywords: SURPLUS

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(Hints and Kinks)

Article: QST Archive [PDF]

Keywords: SURPLUS

Wood, W.A.M., VE4MW

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Article: QST Archive [PDF]

Keywords: SURPLUS

Vogt, Clifford, W8NCO

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Keywords: SURPLUS

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(Hints and Kinks)

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Carlson, Herb, W3NHA

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Article: QST Archive [PDF]

Johnson, Howard W., W7NU

Dec 1946 QST 182 BC-221-D hum

(Strays)

Article: QST Archive [PDF]

W2BAI

73's

Greg

K6SRO

# 3979. Re: [T-368_BC-610] BC-610 Problem - long description

Yahoo group: T-368_BC-610
Date: 2009-10-05 05:24:56 UTC
From: mac
Topic: 3943  Message: 3979

FB! Onward and upward..... :^)

Dennis D. W7QHO
Glendale, CA

On Oct 4, 2009, at 6:16 PM, Dave Trainor wrote:

> Dennis,
>
> Super news, I found the problem. It was a silly mistake
> and could only be made by following the numbered wiring diagram in the
> TM 11-826 manual - figure 94 - I had gotten wire 260 and 261
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> gpt my little heat shrink markers backwards on the wires. So I had
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> did not do some type of damage and that's a credit to the designers
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> choosing components that are built to go thru a war.
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> So I now have all of my voltages correct including plate voltage.
> Now I
> can finish up some RF deck output wiring and move right into
> testing. I
> have heard it's a good idea to let the 100th's and 250th sit with just
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> with the 610, that is my next step.
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> 73 - Dave N8ZFM
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> From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com
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> On Behalf Of mac
> Sent: Monday, September 28, 2009 1:00 AM
> To: T-368_BC-610@yahoogroups.com
> Subject: Re: [T-368_BC-610] BC-610 Problem - long description
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> Dave,

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> Ever find the problem?
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> Dennis D. W7QHO
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> > problem has yet to be found.
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> > Sorry :^(
> >
> > Dennis D. W7QHO
> > Glendale, CA
> >
> > On Sep 14, 2009, at 10:20 PM, mac wrote:
> >
>> Found the issue - the wiring was correct but there was a short - I
>> > retained the original piece of braid shield for the grid leads to
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>> > 100th's and right next to T6 the shield ends and the 2 wires
>> emerge to
>> > connect to T6 the braid is soldered with a small wire attached to
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>> > to solder, should really have checked that with the ohmmeter
> right
>> > after
>> > soldering, in retrospect it makes sense now.
> >
>
> [Non-text portions of this message have been removed]

>
>
>

[Non-text portions of this message have been removed]

# 3980. Re: bc221

Yahoo group: T-368_BC-610
Date: 2009-10-05 08:10:03 UTC
From: Alan Morriss
Topic: 3980  Message: 3980

hello guys, i have two bc221s, one with a metal case which came with the scr399 station and the other with a woodenj case. that was my first one, and i had it overhauled by someone who specialised in them some years ago. the wooden cases are more stable as they maintain a constant temperature better.
i use it regularly. and am constantly amazed at how good it is.the accuracy is equivalent to a 7 digit frequency meter. for some reason, they never fetch much money.
they are in effect a laboratory instrument, yet they were rugged enough to be used in the field by soldiers ! cheers, alan g4gen

----- Original Message -----
From: bayonetdad
To: T-368_BC-610@yahoogroups.com
Sent: Monday, October 05, 2009 12:16 AM
Subject: [T-368_BC-610] Re: Was- New file uploaded to T-368_BC-610

Glad you brought up the BC-221. Without calibration equipment, the rest of the hardware does not perform in optimal fashion.

I checked the ARRL archives (members only) and there are 22 articles catalogued there. Unfortunately, not the one you are seeking but nonetheless, a wealth of information and applications for it. Thank you for posting as I hadn't thought of checking ARRL for BC221 info before. Now I will restore mine for sure!

Here's the articles available:

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Dudley, Beverly

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Johnson, Howard W., W7NU

Dec 1946 QST 182 BC-221-D hum
(Strays)
Article: QST Archive [PDF]
W2BAI

73's

Greg
K6SRO

[Non-text portions of this message have been removed]

# 3981. BC-221

Yahoo group: T-368_BC-610
Date: 2009-10-07 19:18:31 UTC
From: Bry Carling
Topic: 3981  Message: 3981

Wow - what a great list of artucles!

If anyone is interested I have a couple of BC-221 units for sale or trade here.

Pictures and details at:
http://www.af4k.com/miscpart.htm

73 - Brian, AF4K

>> Glad you brought up the BC-221. Without calibration equipment, the
rest of the hardware does not perform in optimal fashion.

>> I checked the ARRL archives (members only) and there are 22 articles
catalogued there. Unfortunately, not the one you are seeking but
nonetheless, a wealth of information and applications for it. Thank you
for posting as I hadn't thought of checking ARRL for BC221 info before.
Now I will restore mine for sure!

>> Here's the articles available:

# 3982. BC610 mod's.

Yahoo group: T-368_BC-610
Date: 2009-10-14 22:57:40 UTC
From: Bill Harris
Topic: 3982  Message: 3982

Has anyone compiled a list of mod's for the 610 series? I'm about to re-enter then market again for a 610 and was thinking of various mod's one could make to bring the ole gal into the 22nd century (what ever that means)
Regards
BillHarris/w7kxb

# 3983. Re: [T-368_BC-610] BC610 mod's.

Yahoo group: T-368_BC-610
Date: 2009-10-15 07:22:46 UTC
From: Alan Morriss
Topic: 3982  Message: 3983

hello bill, i use mine when it is servicable with no problems. once you have done any mods you have destroyed much of the value it has as piece of history.
remember, it was one of the things which won the war. there are not many pieces of wartime equipment which can be used for their original purpose today.
i bet you get a lot of fun operating a bc 610 again ! ccheers, alan g4gen
----- Original Message -----
From: Bill Harris
To: T-368_BC-610@yahoogroups.com
Sent: Wednesday, October 14, 2009 11:57 PM
Subject: [T-368_BC-610] BC610 mod's.

Has anyone compiled a list of mod's for the 610 series? I'm about to re-enter then market again for a 610 and was thinking of various mod's one could make to bring the ole gal into the 22nd century (what ever that means)
Regards
BillHarris/w7kxb

[Non-text portions of this message have been removed]

# 3984. Re: [T-368_BC-610] BC610 mod's.

Yahoo group: T-368_BC-610
Date: 2009-10-15 12:16:07 UTC
From: Bill Harris
Topic: 3982  Message: 3984

Hi Alan:
I totally agree with you. However, if my memory serves me right, many years ago when I had the E model, (1955-57) there were several problems starting with the speech amp. The beast was great for TVI and the procedure those day's was to shield the amplifier and filter all leads. I always thought why not go after the offending circuit and suppress the parasites' Guess shielding and filtering was much easier back then. Then there was something with the modulation transformer and feeding the audio through a splatter suppressor (positive peak clipper). Putting the HV chokes in the negative lead. etc. I used an outside source of RF excitation into the TU. Crud, but the ole HT-18 did a better job and was much more stable. The ole gal hit the surplus market 65 years ago and considering the advancements in the electronics field I thought there would be numerous upgrades purposed by present and past gurus'. Meanwhile, I thought it best to ask a few questions on "what's the latest" with the ole gal before I tote one into the garage (shop) for a possible rebuild. Just missed a rebuilt I model in my local area a year ago but my mind wasn't in the fast mode and she found a home elsewhere. Stay tuned.
Cheers
BillHarris/w7kxb
From: Alan Morriss
Sent: Thursday, October 15, 2009 12:22 AM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] BC610 mod's.

hello bill, i use mine when it is servicable with no problems. once you have done any mods you have destroyed much of the value it has as piece of history.
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Regards
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[Non-text portions of this message have been removed]

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# 3985. Re: [T-368_BC-610] BC610 mod's.

Yahoo group: T-368_BC-610
Date: 2009-10-15 13:31:50 UTC
From: Alan Morriss
Topic: 3982  Message: 3985

hi Bill, of course I agree with you. I operate ours from the shelter via the BC939 and have had no trouble.
have fun ! alan
----- Original Message -----
From: Bill Harris
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, October 15, 2009 1:16 PM
Subject: Re: [T-368_BC-610] BC610 mod's.

Hi Alan:
I totally agree with you. However, if my memory serves me right, many years ago when I had the E model, (1955-57) there were several problems starting with the speech amp. The beast was great for TVI and the procedure those day's was to shield the amplifier and filter all leads. I always thought why not go after the offending circuit and suppress the parasites' Guess shielding and filtering was much easier back then. Then there was something with the modulation transformer and feeding the audio through a splatter suppressor (positive peak clipper). Putting the HV chokes in the negative lead. etc. I used an outside source of RF excitation into the TU. Crud, but the ole HT-18 did a better job and was much more stable. The ole gal hit the surplus market 65 years ago and considering the advancements in the electronics field I thought there would be numerous upgrades purposed by present and past gurus'. Meanwhile, I thought it best to ask a few questions on "what's the latest" with the ole gal before I tote one into the garage (shop) for a possible rebuild. Just missed a rebuilt I model in my local area a year ago but my mind wasn't in the fast mode and she found a home elsewhere. Stay tuned.
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BillHarris/w7kxb
From: Alan Morriss
Sent: Thursday, October 15, 2009 12:22 AM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] BC610 mod's.

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Subject: [T-368_BC-610] BC610 mod's.

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Regards

BillHarris/w7kxb

[Non-text portions of this message have been removed]

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# 3986. Re: [T-368_BC-610] BC610 mod's.

Yahoo group: T-368_BC-610
Date: 2009-10-15 17:07:06 UTC
From: rbethman
Topic: 3982  Message: 3986

Bill,

An almost complete TVI removal can be accomplishes by using an external Low Pass Filter attached directly to the BC-610 output.

The remainder can be removed by monitoring the modulation by a scope.

The BEASTS will over modulate in a heartbeat!

In lieu of a clipper, properly adjust the audio limiter in the speech amp, and adjust the mic gain to read the correct audio peaks on the meter in the speech amp.

I've operated this way for years, and have NO TVI or splatter issues.

The BEASTS are very well engineered and designed. We find that the majority of issues come from improper operation and adjustment.

Bob - N0DGN (BC-610I & T-213)

Bill Harris wrote:
>
>
> Hi Alan:
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> years ago when I had the E model, (1955-57) there were several
> problems starting with the speech amp. The beast was great for TVI and
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[Non-text portions of this message have been removed]

# 3987. Re: [T-368_BC-610] BC610 mod's.

Yahoo group: T-368_BC-610
Date: 2009-10-15 18:17:05 UTC
From: Alan Morriss
Topic: 3982  Message: 3987

hello, i found that if the modulator plate current is set correctly at 40 ma , using the dynamic mike there was no problem with over modulation. it all went very well, and reports were of having bbc quality. cheers, alan g4gen
----- Original Message -----
From: rbethman
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, October 15, 2009 6:07 PM
Subject: Re: [T-368_BC-610] BC610 mod's.

Bill,

An almost complete TVI removal can be accomplishes by using an external
Low Pass Filter attached directly to the BC-610 output.

The remainder can be removed by monitoring the modulation by a scope.

The BEASTS will over modulate in a heartbeat!

In lieu of a clipper, properly adjust the audio limiter in the speech
amp, and adjust the mic gain to read the correct audio peaks on the
meter in the speech amp.

I've operated this way for years, and have NO TVI or splatter issues.

The BEASTS are very well engineered and designed. We find that the
majority of issues come from improper operation and adjustment.

Bob - N0DGN (BC-610I & T-213)

Bill Harris wrote:
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> Hi Alan:
> I totally agree with you. However, if my memory serves me right, many
> years ago when I had the E model, (1955-57) there were several
> problems starting with the speech amp. The beast was great for TVI and
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> leads. I always thought why not go after the offending circuit and
> suppress the parasites' Guess shielding and filtering was much easier
> back then. Then there was something with the modulation transformer
> and feeding the audio through a splatter suppressor (positive peak
> clipper). Putting the HV chokes in the negative lead. etc. I used an
> outside source of RF excitation into the TU. Crud, but the ole HT-18
> did a better job and was much more stable.
> The ole gal hit the surplus market 65 years ago and considering the
> advancements in the electronics field I thought there would be
> numerous upgrades purposed by present and past gurus'. Meanwhile, I

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> ole gal before I tote one into the garage (shop) for a possible
> rebuild. Just missed a rebuilt I model in my local area a year ago but
> my mind wasn't in the fast mode and she found a home elsewhere. Stay
> tuned.
> Cheers
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[Non-text portions of this message have been removed]

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# 3988. Re: [T-368_BC-610] BC610 mod's.

Yahoo group: T-368_BC-610
Date: 2009-10-15 18:44:40 UTC
From: rbethman
Topic: 3982  Message: 3988

Alan,

Going through the TM, That is an "initial" setting.

Depending upon voice characteristics and microphones, this setting "may"
need to be changed.

It should be watched for peaks that "may" exceed the 40mA.

Then adjust as needed.

That is another reason to monitor with a scope in the output.

I happen to use a Kenwood SM-220 with BP-8 Panadaptor.

I can see precisely what the carrier AND the sidebands are doing.

I found I have had to exhibit a bit more control!

Bob - N0DGN

Alan Morriss wrote:
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> modulation. it all went very well, and reports were of having bbc
> quality. cheers, alan g4gen
> ----- Original Message -----
> From: rbethman
> To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> Sent: Thursday, October 15, 2009 6:07 PM
> Subject: Re: [T-368_BC-610] BC610 mod's.
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> Bill,
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> [Non-text portions of this message have been removed]
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+----------------------o00o---°(_)°---o00o-------------------------+

[Non-text portions of this message have been removed]

# 3989. Re: [T-368_BC-610] BC610 mod's.

Yahoo group: T-368_BC-610
Date: 2009-10-15 19:13:42 UTC
From: Alan Morriss
Topic: 3982  Message: 3989

hello bob, that is a good idea.all i have done is not to speak too close to the mike. i always kept an eye on the mod plate current though. i just love that tx, and must get it going again. i could never change the exciter power transformer whilst the set is in the shelter ! cheers, alan
----- Original Message -----
From: rbethman
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, October 15, 2009 7:44 PM
Subject: Re: [T-368_BC-610] BC610 mod's.

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> From: rbethman
> To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> Sent: Thursday, October 15, 2009 6:07 PM
> Subject: Re: [T-368_BC-610] BC610 mod's.
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> Bill,
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[Non-text portions of this message have been removed]

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# 3990. Re: [T-368_BC-610] BC610 mod's.

Yahoo group: T-368_BC-610
Date: 2009-10-15 20:12:42 UTC
From: rbethman
Topic: 3982  Message: 3990

Alan - Hope you can get it repaired soon. I know the shelter does not provide much room! (LOL)

I feed the audio directly from a Shure 737A. It is a "true" crystal microphone.

It is interesting in itself. There is a diaphram that is attached to a lever that is secured to a plated quartz crystal that is anchored on the opposite end.

It uses the piezo-electric effect/method to create the output.

I connect this mic to the dynamic mic segment of the speech amp.

I've used two different 737As in my ham years. I've initially used one connected to a Hallicrafters HT-37.

Bob - N0DGN

Alan Morriss wrote:
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> shelter ! cheers, alan
> ----- Original Message -----
> From: rbethman
> To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> Sent: Thursday, October 15, 2009 7:44 PM
> Subject: Re: [T-368_BC-610] BC610 mod's.
>
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>
> Then adjust as needed.
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> That is another reason to monitor with a scope in the output.
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> I happen to use a Kenwood SM-220 with BP-8 Panadaptor.

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> I can see precisely what the carrier AND the sidebands are doing.
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> I found I have had to exhibit a bit more control!
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> > From: rbethman
> > To: T-368_BC-610@yahoogroups.com
> <mailto:T-368_BC-610%40yahoogroups.com>
> <mailto:T-368_BC-610%40yahoogroups.com>
> > Sent: Thursday, October 15, 2009 6:07 PM
> > Subject: Re: [T-368_BC-610] BC610 mod's.
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> > Bill,
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> +-----------------------------------------------------------+
> | AM Amateur Radio Operator NØDGN |
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[Non-text portions of this message have been removed]

# 3991. Re: [T-368_BC-610] BC610 mod's.

Yahoo group: T-368_BC-610
Date: 2009-10-15 20:24:09 UTC
From: Alan Morriss
Topic: 3982  Message: 3991

hi bob, well, i thought that the impedance would not match. i like crystal mikes, and used d104 for some time. i have a harris rf 3200 as my ssb rig, and that uses a shure 527c. i wonder if a 737a would work better. cheers, alan
----- Original Message -----
From: rbethman
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, October 15, 2009 9:12 PM
Subject: Re: [T-368_BC-610] BC610 mod's.

Alan - Hope you can get it repaired soon. I know the shelter does not provide much room! (LOL)

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> From: rbethman
> To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> Sent: Thursday, October 15, 2009 7:44 PM
> Subject: Re: [T-368_BC-610] BC610 mod's.
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# 3992. Re: [T-368_BC-610] BC610 mod's.

Yahoo group: T-368_BC-610
Date: 2009-10-15 20:43:19 UTC
From: rbethman
Topic: 3982  Message: 3992

Alan, It matches very well. So does the Shure-55!

They sound great too!

Bob

Alan Morriss wrote:
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>
> hi bob, well, i thought that the impedance would not match. i like
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> Subject: Re: [T-368_BC-610] BC610 mod's.
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> > From: rbethman
> > To: T-368_BC-610@yahoogroups.com
> <mailto:T-368_BC-610%40yahoogroups.com>
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> > >
> > > In lieu of a clipper, properly adjust the audio limiter in the speech
> > > amp, and adjust the mic gain to read the correct audio peaks on the
> > > meter in the speech amp.
> > >
> > > I've operated this way for years, and have NO TVI or splatter issues.
> > >
> > > The BEASTS are very well engineered and designed. We find that the
> > > majority of issues come from improper operation and adjustment.
> > >
> > > Bob - N0DGN (BC-610I & T-213)
> > >
> > > Bill Harris wrote:
> > > >
> > > >
> > > > Hi Alan:
> > > > I totally agree with you. However, if my memory serves me right,
> many
> > > > years ago when I had the E model, (1955-57) there were several
> > > > problems starting with the speech amp. The beast was great for
> TVI and
> > > > the procedure those day's was to shield the amplifier and filter all
> > > > leads. I always thought why not go after the offending circuit and
> > > > suppress the parasites' Guess shielding and filtering was much
> easier
> > > > back then. Then there was something with the modulation transformer
> > > > and feeding the audio through a splatter suppressor (positive peak
> > > > clipper). Putting the HV chokes in the negative lead. etc. I used an
> > > > outside source of RF excitation into the TU. Crud, but the ole HT-18
> > > > did a better job and was much more stable.
> > > > The ole gal hit the surplus market 65 years ago and considering the
> > > > advancements in the electronics field I thought there would be
> > > > numerous upgrades purposed by present and past gurus'. Meanwhile, I
> > > > thought it best to ask a few questions on "what's the latest"
> with the
> > > > ole gal before I tote one into the garage (shop) for a possible
> > > > rebuild. Just missed a rebuilt I model in my local area a year
> ago but
> > > > my mind wasn't in the fast mode and she found a home elsewhere. Stay
> > > > tuned.
> > > > Cheers
> > > > BillHarris/w7kxb
> > > >
> > >
> > > [Non-text portions of this message have been removed]
> > >

> > > [Non-text portions of this message have been removed]
> > >
> > >
> >
> > --
> > +---------------------------------------------------------+
> > | AM Amateur Radio Operator NØDGN |
> > +---------------------------------------------------------+
> > | http://home.comcast.net/~rbethman/
> <http://home.comcast.net/%7Erbethman/>
> > <http://home.comcast.net/%7Erbethman/
> <http://home.comcast.net/%7Erbethman/>> |
> > +---------------------------------------------------------+
> > | Bob Bethman \\\|/// " The absence of a danger |
> > | \\ ~ ~ // signal does *NOT* mean |
> > | rbethman@... <mailto:rbethman%40comcast.net>
> <mailto:rbethman%40comcast.net> (/ @ @ /) that
> > everything is OK " |
> > +----------------------o00o---°(_)°---o00o-------------------------+
> >
> > [Non-text portions of this message have been removed]
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> +---------------------------------------------------------+
> | AM Amateur Radio Operator NØDGN |
> +---------------------------------------------------------+
> | http://home.comcast.net/~rbethman/
> <http://home.comcast.net/%7Erbethman/> |
> +---------------------------------------------------------+
> | Bob Bethman \\\|/// " The absence of a danger |
> | \\ ~ ~ // signal does *NOT* mean |
> | rbethman@... <mailto:rbethman%40comcast.net> (/ @ @ /) that
> everything is OK " |
> +----------------------o00o---°(_)°---o00o-------------------------+
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> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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>

--
+---------------------------------------------------------------+
| AM Amateur Radio Operator NØDGN |
+---------------------------------------------------------------+
| http://home.comcast.net/~rbethman/ |

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+-----------------------------------------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| \\ ~ ~ // signal does *NOT* mean |
| rbethman@... (/ @ @ /) that everything is OK " |
+----------------------o00o---°(_)°---o00o-------------------------+
```

[Non-text portions of this message have been removed]

# 3993. Re: [T-368_BC-610] BC610 mod's.

Yahoo group: T-368_BC-610
Date: 2009-10-16 16:23:29 UTC
From: Larry Godek
Topic: 3982  Message: 3993

Bill Harris,

My gawd, it's been years since we've talked.  Amongst the last times were on 40M AM and that's been  what, 10-15 or so years back.

Anyway it's good that you came out of the closet.  Don't know where you are but Robert Downs in the Houston area has a couple of 610's one of which i was going after if i had to go over that way next week.  But things change and i don't have to make that trip so they are available if your in that area.

Don't know what may show up around the west coast.  good luck on the hunt and they are indeed a grad ol' lady.  I've had 4 of them go thru here and failed to keep any of them, one an E and a couple of I models.  One came from Tucson which was really nice.  Should never have let them slip thru my fingers.  Oh well.

Larry
W0OGH

--- On Thu, 10/15/09, Bill Harris <w7kxb@...> wrote:

From: Bill Harris <w7kxb@...>
Subject: Re: [T-368_BC-610] BC610 mod's.
To: T-368_BC-610@yahoogroups.com
Date: Thursday, October 15, 2009, 5:16 AM

Hi Alan:

I totally agree with you. However, if my memory serves me right, many years ago when I had the E model, (1955-57) there were several problems starting with the speech amp. The beast was great for TVI and the procedure those day's was to shield the amplifier and filter all leads. I always thought why not go after the offending circuit and suppress the parasites' Guess shielding and filtering was much easier back then. Then there was something with the modulation transformer and feeding the audio through a splatter suppressor (positive peak clipper). Putting the HV chokes in the negative lead. etc. I used an outside source of RF excitation into the TU. Crud, but the ole HT-18 did a better job and was much more stable.

The ole gal hit the surplus market 65 years ago and considering the advancements in the electronics field I thought there would be numerous upgrades purposed by present and past gurus'. Meanwhile, I thought it best to ask a few questions on "what's the latest" with the ole gal before I tote one into the garage (shop) for a possible rebuild. Just missed a rebuilt I model in my local area a year ago but my mind wasn't in the fast mode and she found a home elsewhere. Stay tuned.

Cheers

BillHarris/w7kxb

From: Alan Morriss

Sent: Thursday, October 15, 2009 12:22 AM

To: T-368_BC-610@ yahoogroups. com

Subject: Re: [T-368_BC-610] BC610 mod's.

hello bill, i use mine when it is servicable with no problems. once you have done any mods you have destroyed much of the value it has as piece of history.

remember, it was one of the things which won the war. there are not many pieces of wartime equipment which can be used for their original purpose today.

i bet you get a lot of fun operating a bc 610 again ! ccheers, alan g4gen

----- Original Message -----

From: Bill Harris

To: T-368_BC-610@ yahoogroups. com

Sent: Wednesday, October 14, 2009 11:57 PM

Subject: [T-368_BC-610] BC610 mod's.

Has anyone compiled a list of mod's for the 610 series? I'm about to re-enter then market again for a 610 and was thinking of various mod's one could make to bring the ole gal into the 22nd century (what ever that means)

Regards

BillHarris/w7kxb

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 3994. Re: [T-368_BC-610] BC610 mod's.

Yahoo group: T-368_BC-610
Date: 2009-10-16 19:13:12 UTC
From: Bill Harris
Topic: 3982  Message: 3994

Larry/w0ogh
I'm here in the Seattle area during the summer and return to Mesa, AZ during the winter. Don't know if you know DX-George Portell in Mesa??? W8QBG I believe. Anyway, I handed off to him, for hauling away, a couple of 610's and 368's a couple of years ago. I believe George got them back on the air so they found a good home. Now that I have settled back into the Seattle area, I'm looking around for one of the ole gal's. .Have you heard from w6pss lately. Understand Dave is now living near Kansas City, KS. and I believe he has a BC375/191 on the air.
Later
KXBill

From: Larry Godek
Sent: Friday, October 16, 2009 9:23 AM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] BC610 mod's.

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.

[Non-text portions of this message have been removed]

# 3995. Re: [T-368_BC-610] BC-610 Problem - long description

Yahoo group: T-368_BC-610
Date: 2009-10-17 00:32:38 UTC
From: Geoff/W5OMR
Topic: 3943  Message: 3995

Dave Trainor wrote:
> So I now have all of my voltages correct including plate voltage. Now I
> can finish up some RF deck output wiring and move right into testing. I
> have heard it's a good idea to let the 100th's and 250th sit with just
> filament voltage for several hours, mine have not seen any use in at
> least 20 and maybe 30 or more years.
>

Dave, this thread came up on the AM Reflector a number of years ago.
Don/K4KYV in Woodlawn, TN spoke with some Eimac engineers at length on
the subject.

I don't remember *exactly* what the outcome was, but I -do- remember the
statement being made that running too much voltage AS WELL AS too little
voltage is equally hard on the tubes, -while in transmit-. I think the
variance given was somewhere in the neighborhood of +/- 10%. Therefore,
250TH's and 100TH's should never be run more than 5.5v or less than 4.5v.

Some hams say they can get longer life out of a tube by running it at
lower voltage, or down to the point where the tube starts to loose
emission, and then bump it back up so there's no sag. According to
Eimac, that's -not- a good idea.

As for 'burning in' the tubes, without B+ (disconnect the plate leads
from the rectifiers) turn the Beastly 610 on and let it set, with tubes
burning, for -at least- 24 hours, preferably 48, maybe even 72 hours at
5.5 or 5.75v to perform the re-heating of the seal, activating the
ghetter and keeping the triode from looking like a Mercury Vapor
rectifier. Ask me how I know how the result of no patience looks.

Even still, you're not guaranteed good results. MAYBE, if the tubes
were properly stored, and MAYBE, if they were stored vertically
(filament didn't sag toward the grid) the tube will be good and work
after a 2 or 3 days of burn-in. DO NOT GIVE INTO TEMPTATION! You will
-for sure- wind up with 'gassy' tubes. Doing everything else is a 50-50
shot of having something that will work.

Time to start mining unobtanium and finding some replacement tubes.

--
73 = Best Regards,
-Geoff/W5OMR (/5 Baja Spring, TX)

--
This message has been scanned for viruses and
dangerous content by MailScanner, and is
believed to be clean.

# 3996. Re: [T-368_BC-610] BC610 mod's.

Yahoo group: T-368_BC-610
Date: 2009-10-17 00:48:26 UTC
From: Geoff/W5OMR
Topic: 3982  Message: 3996

Bill Harris wrote:
> Larry/w0ogh
> I'm here in the Seattle area during the summer and return to Mesa, AZ during the winter.
> Don't know if you know DX-George Portell in Mesa??? W8QBG I believe. Anyway, I handed off to him, for hauling away, a couple of 610's and 368's a couple of years ago. I believe George got them back on the air so they found a good home. Now that I have settled back into the Seattle area, I'm looking around for one of the ole gal's. .Have you heard from w6pss lately. Understand Dave is now living near Kansas City, KS. and I believe he has a BC375/191 on the air.
> Later
> KXBill
>
>

I spoke with Deacon Dave not too long ago (a few days.. week maybe) and he is indeed in the KC area. I do -not- believe he's running any boat-anchor equipment.

Story from him was, he was hauling a BC-610 back to Chula Vista when the beast shifted in the trailer, causing the back of his vehicle to 'jerk', causing the steering to be 'jerked', causing the 610 to tump over in the trailer.

Looking back in the chat log, it shows we "talked" (in AOL Instant Messenger) on 04 OCtober 2009, from 21:08CST till 21:18CST

He is indeed in KC and looking to put a station back on the air with, possibly, the help of Ted/KC3OL.

Session Start (w5omr:w6pss): Sun Oct 04 20:57:16 2009
[Sunday 04 October 20:57:17] w6pss: its me jeff, david gohead!
[Sunday 04 October 20:57:36] w5omr: how's things in KC, Deacon Dave?
[Sunday 04 October 20:58:21] w5omr: you are in the mid west now, right? (over)
[Sunday 04 October 21:00:42] w6pss: ine Babe, me hanging in best considering health. God is sustaining us. Trying to get antenna up now that approval granted. Need to dig trench for cable then await tuner for open wire feed. Also, must install masts. So, be while yet. Then wh can get together and create more or expand on old stories with a little flair doncha know. Yes, we be in KCV about 2 miles outside city limits on small plot of ground - enuf for 40m double extended zepp.

--
73 = Best Regards,
-Geoff/W5OMR (/5 Baja Spring, TX [aka Hell; aka Houston])

--
This message has been scanned for viruses and
dangerous content by MailScanner, and is
believed to be clean.

# 3997. Re: [T-368_BC-610] BC610 mod's.

Yahoo group: T-368_BC-610
Date: 2009-10-17 20:43:20 UTC
From: Larry Godek
Topic: 3982  Message: 3997

I know George quite well.  Wondered where he had found all the 610's and 368's as i hadn't heard of any being available.  Hmmmmm.  I think he's sold a couple of them already, to pricey for me though.  should have kept the one's i had that cost me $200 or nothing.  Live and learn.

I've not heard anything about David, w6pss.  Well i might have heard the other day somewhere that he was on 14,276 the W6HQI 20 meter freq.  My memory is fading a bit so that may not be correct.  Otherwise, no i haven't heard anything about him for some time.  Didn't know he had left the west coast.

I have been hanging around working DX on HF and 6 meter SSB/CW with my new Elecraft K3.  Sure a nice radio.

AM wise i have the TMC SBT-1K out in the garage that i HAVE to get around to doing a couple of things with it so i can use it this winter and the PAL-500 amp arrangement her ein the Shack, also by TMC and the good ol' Viking II that is sawaiting a 25K 20W resistor to replace the one under the chassis that opened up on me.

Look for you when you get back.  Snowbirds on their way so you might just as well come on down also!!

Larry
W0OGH

Supposed to hit 104 today

--- On Fri, 10/16/09, Bill Harris <w7kxb@...> wrote:

From: Bill Harris <w7kxb@msn.com>
Subject: Re: [T-368_BC-610] BC610 mod's.
To: T-368_BC-610@yahoogroups.com
Date: Friday, October 16, 2009, 12:13 PM

Larry/w0ogh

I'm here in the Seattle area during the summer and return to Mesa, AZ during the winter.

Don't know if you know DX-George Portell in Mesa??? W8QBG I believe. Anyway, I handed off to him, for hauling away, a couple of 610's and 368's a couple of years ago. I believe George got them back on the air so they found a good home. Now that I have settled back into the Seattle area, I'm looking around for one of the ole gal's. .Have you heard from w6pss lately. Understand Dave is now living near Kansas City, KS. and I believe he has a BC375/191 on the air.

Later

KXBill

From: Larry Godek

Sent: Friday, October 16, 2009 9:23 AM

To: T-368_BC-610@ yahoogroups. com

Subject: Re: [T-368_BC-610] BC610 mod's.

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.

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[Non-text portions of this message have been removed]

# 3998. BC610 Modulation Transformer For Sale

Yahoo group: T-368_BC-610
Date: 2009-10-20 15:38:49 UTC
From: tropicwind@aol.com
Topic: 3998  Message: 3998

Hello Gents:

I have a BC-610 Modulation Transformer For Sale. It is a Stancor 55C028.
It is in very good condx. No rust, and no corrosion. Insulators are
excellent. Tested Good.
Contact me at _pjpilot@..._ (mailto:pjpilot@...) for further
information.

[Non-text portions of this message have been removed]

# 3999. AB-577?

Yahoo group: T-368_BC-610
Date: 2009-10-22 01:08:59 UTC
From: redmenaced
Topic: 3999  Message: 3999

Anyone use one on a regular basis.

One just followed me home, got any tips, etc?

Joe

# 4000. RE: [T-368_BC-610] AB-577?

Yahoo group: T-368_BC-610
Date: 2009-10-22 02:54:32 UTC
From: Trevor
Topic: 3999  Message: 4000

No tips (other than to get the manual if you don't
already have it), just friendly envy/ drool.

I really want one but have never had the budget when
they've come available.

73- congrats, and enjoy
Trevor
kd1yt

------- Original Message -------
From : redmenaced[mailto:redmenaced@...]
Sent : 10/21/2009 9:08:59 PM
To : T-368_BC-610@yahoogroups.com
Cc :
Subject : RE: [T-368_BC-610] AB-577?

Anyone use one on a regular basis.

One just followed me home, got any tips, etc?

# 4001. T368C for sale

Yahoo group: T-368_BC-610
Date: 2009-10-22 11:29:08 UTC
From: John Page
Topic: 3999  Message: 4001

I am selling mt B&W T368C. It is fully operational and has been used on the first Wednesday AM nite regularly. It has had the RF deck done with approved mods and also the audio deck . This was done by K8TV, Asking $1000 and of course it will have tp be picked up in SW Ohio. John

John Page K4KWM Hollow State since 1953 (ex W8PKU,N8BLB,NA8O)

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[Non-text portions of this message have been removed]

# 4002. RE: [T-368_BC-610] BC-610 Problem - long description

Yahoo group: T-368_BC-610
Date: 2009-10-22 22:54:48 UTC
From: Dave Trainor
Topic: 3943 Message: 4002

Geoff, that was good advice and I got lucky too, I let them cook at 5.75v for 72 hours, reduced it to 5.0v and followed the tune up procedure for CW. I only loaded the PA to 250ma, I briefly had it at 290ma but the plate grew a fairly bright red, at 250 the plate glows a dim dull cherry and I get enough power to get the dummy load hot. I have to go disconnect my power meter to get a real reading but by the heat generated it looks to be putting out a good many watts. I had it set somewhere on the high end of 80M, I used the MO in the tuning unit so you understand the somewhere.

Not having much (any) experience with the 250TH, just how much red glow from the plate is too much?

I do have 2 spare ones, but all I know about them is that the filaments are good.

Now I have to finish the 614.

73 - Dave N8ZFM

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Geoff/W5OMR
Sent: Friday, October 16, 2009 8:33 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] BC-610 Problem - long description

<snip>

As for 'burning in' the tubes, without B+ (disconnect the plate leads from the rectifiers) turn the Beastly 610 on and let it set, with tubes burning, for -at least- 24 hours, preferably 48, maybe even 72 hours at 5.5 or 5.75v to perform the re-heating of the seal, activating the ghetter and keeping the triode from looking like a Mercury Vapor rectifier. Ask me how I know how the result of no patience looks.

Even still, you're not guaranteed good results. MAYBE, if the tubes were properly stored, and MAYBE, if they were stored vertically (filament didn't sag toward the grid) the tube will be good and work after a 2 or 3 days of burn-in. DO NOT GIVE INTO TEMPTATION! You will -for sure- wind up with 'gassy' tubes. Doing everything else is a 50-50 shot of having something that will work.

Time to start mining unobtanium and finding some replacement tubes.

--
73 = Best Regards,
-Geoff/W5OMR (/5 Baja Spring, TX)

[Non-text portions of this message have been removed]

# 4003. Re: [T-368_BC-610] BC-610 Problem - long description

Yahoo group: T-368_BC-610
Date: 2009-10-24 21:14:18 UTC
From: Geoff/W5OMR
Topic: 3943  Message: 4003

Dave Trainor wrote:
> Geoff, that was good advice and I got lucky too,

Outstanding!

> I let them cook at
> 5.75v for 72 hours, reduced it to 5.0v and followed the tune up
> procedure for CW. I only loaded the PA to 250ma, I briefly had it at
> 290ma but the plate grew a fairly bright red, at 250 the plate glows a
> dim dull cherry and I get enough power to get the dummy load hot. I have
> to go disconnect my power meter to get a real reading but by the heat
> generated it looks to be putting out a good many watts. I had it set
> somewhere on the high end of 80M, I used the MO in the tuning unit so
> you understand the somewhere.

;-) yeah, I know the 'somewhere' ;-) don't be tempted.. make sure the interlocks are functioning. If you have to adjust the link (if your coil has one) make sure the B+ is off of that circuit, and bled-down first! Even then, it would be a good idea to have a grounding stick attached to the ground on the beastly 610 and make sure that thing is hooked onto something while you're inside the tank circuit.

>
> Not having much (any) experience with the 250TH, just how much red glow
> from the plate is too much?

Typical values on the 250TH tube, in Class C, RF Power Amplifier and Oscillator are

Max. Rating
DC Plate Volage . . . . . 2000 3000
4000 4000 Volts
DC Plate Current. . . . . 357 333
313 350 mA
DC Grid current . . . . . 94 90
93 100 mA
DC Grid Voltage . . . . . -100 -150
-220 Volts
Plate Power Output. . . . . 464 750 1000
Watts
Plate Input . . . . . 714 1000
1250 Watts
Plate Dissipation . . . . . 250 250
250 250 Watts
Peak RF Grid Input Voltage (approx) . . . . . 345 395
470 volts

Driving Power (approx). . . . . 29 32
39 watts

(* The above figures show actual measured tube performance and do not
allow for variations in circuit losses.)
(Effective 10-17-1944) Copyright, 1946 by Eitel-McCullough, Inc

(goodness, I hope that formatting came out right)
>
> I do have 2 spare ones, but all I know about them is that the filaments
> are good.

Advice still follows... cook 'em in like the last ones.

> Now I have to finish the 614.

Do yourself a favor and go ahead and gut the 'stock' BC-610 audio in the
614 -or- leave it stock and put in a switch to something a little more
'pleasing' for Amateur use. It won't take much to make that beast sound
-decades- better than the carbon-button design from the '40's.

I had a 614 with my '610-E... also had a home-brew rig using a pair of
250TH's in the modulator (and a pair in the final). I was also using an
old modified Bogen PA system, with a solid-state audio driver circuit
dreamed up by John/WA5BXO. In an emitter-follower configuration, the
emitter outputs out of a pair of horizontal output transistors (high
voltage, hi Beta) through some 25k 25w resistors feed the grids of the
Class B modulator tubes directly. In order to use this on the 610, I
just had to remove the grid leads off of the 100TH's, and replace them
with the leads from the solid-state audio driver, and (of course) make
sure it was grounded to the transmitter. The difference between the 614
and the solid-state driver w/Bogen pa system was the difference between
listening to a record on a megaphone (all scratchy and distorted) to
listening to some FM Station. No mods to the '610... just a different
source of audio.

The plans for the slid state driver (should you so desire) are at:
http://www.qsl.net/wa5bxo/driver1.html

--
73 = Best Regards,
-Geoff/W5OMR (/5 Baja Spring, TX)

# 4004. Re: [T-368_BC-610] BC-610 Problem - long description

Yahoo group: T-368_BC-610
Date: 2009-10-24 21:22:55 UTC
From: Geoff/W5OMR
Topic: 3943  Message: 4004

Geoff/W5OMR wrote:

Formatting didn't come out right. Let's see if this is better.

> Typical values on the 250TH tube, in Class C, RF Power Amplifier and
> Oscillator are
> Max. Rating
> DC Plate Volage . . . . . 2000 3000 4000 4000 Volts
> DC Plate Current. . . . . 357 333 313 350 mA
> DC Grid current . . . . . 94 90 93 100 mA
> DC Grid Voltage . . . . . -100 -150 -220 Volts
> Plate Power Output. . . . . 464 750 1000 Watts
> Plate Input . . . . . 714 1000 1250 Watts
> Plate Dissipation . . . . . 250 250 250 250 Watts
> Peak RF Grid Input Voltage (approx) . 345 395 470 volts
> Driving Power (approx). . . . . 29 32 39 watts
>
> (* The above figures show actual measured tube performance and do not
> allow for variations in circuit losses.)
> (Effective 10-17-1944) Copyright, 1946 by Eitel-McCullough, Inc
>
> (goodness, I hope that formatting came out right)
>

-Geoff/W5OMR

# 4005. Re: [T-368_BC-610] BC-610 Problem - long description

Yahoo group: T-368_BC-610
Date: 2009-10-24 21:59:32 UTC
From: Geoff/W5OMR
Topic: 3943  Message: 4005

Geoff/W5OMR wrote:
>> Typical values on the 250TH tube, in Class C, RF Power Amplifier and
>> Oscillator are
>> Max. Rating
>> DC Plate Volage . . . . . 2000 3000 4000 4000 Volts
>> DC Plate Current. . . . . 357 333 313 350 mA
>> DC Grid current . . . . . 94 90 93 100 mA
>> DC Grid Voltage . . . . . -100 -150 -220 Volts
>> Plate Power Output. . . . . 464 750 1000 Watts
>> Plate Input . . . . . 714 1000 1250 Watts
>> Plate Dissipation . . . . . 250 250 250 250 Watts
>> Peak RF Grid Input Voltage (approx) . 345 395 470 volts
>> Driving Power (approx). . . . . 29 32 39 watts
>>
>> (* The above figures show actual measured tube performance and do not
>> allow for variations in circuit losses.)
>> (Effective 10-17-1944) Copyright, 1946 by Eitel-McCullough, Inc

You know, Dave... I just realized that this still didn't answer your question...

How much redness is on the plate of a tube, depends on the tube. There's several kinds out there. EiMac, JAN, etc... some have different plate designs. I've found that the plain-jane cylindrical plate, with no 'fins' on the sides, tend to dissipate color better.

Bottom line, with known voltage and current, load the rig until you get it around 300w output. That doesn't over work the tubes, doesn't load the secondary of the modulation transformer to max and if you control the output with a vari-ac, you can set the Modulator-to-final impedance match exactly where it works the best, and crank up/down the vari-ac to get exactly where you want. Stay within the guide-lines stated by Eimac 55 years ago and you should be fine.

Still, if you run the 610 on the 'low' tap (forget which model you have) of 2000v, then the figures above would be about right.
Keep in mind, the FCC rule for power output now states 1,500w PEP output. IF YOU WERE TO MODULATE THE RIG WITH A SINE~WAVE (caps intended) then the max carrier for 100% audio would be 375w. The Voltage and the current double in the final, so
PEP = carrier output(x4).

We don't talk in sine~waves. Verily, the typical male pattern voice is rather asymmetrical. In my opinion, if someone were to operate a modified AM rig properly on the ham bands, it would behoove them to read and understand the natural asymmetricalness of typical male pattern

voices. Find more at:
http://www.qsl.net/wa5bxo/asyam/aam3.html

Hope that helps.

73 = Best Regards,
-Geoff/W5OMR (/5 Baja Spring, TX)

# 4006. Re: [Milsurplus] Items for Sale

Yahoo group: T-368_BC-610
Date: 2009-11-02 03:17:41 UTC
From: Joe Foley
Topic: 4006  Message: 4006

This guy has a BC-610 for sale, his E-mail address is in there somewhere.

Joe

--- On Sun, 11/1/09, n1udi@... <n1udi@...> wrote:

> From: n1udi@... <n1udi@...>
> Subject: [Milsurplus] Items for Sale
> To: Milsurplus@...
> Date: Sunday, November 1, 2009, 1:02 AM
> I have the flowing items that need a
> new home and are up for sale.
>
> 1- MX-949A/U Tube Socket Adapter Kit. Excellent condition
> Manufacturer Munston
>    & Service Inc.  $80
>
> 2- BC-603-D Tank radios. Qty 2, No dyno motors for neither
> radio. $30 each.
>
> 3- OS-8G/U Oscope. Made by Phily Scientific Controls for
> the Navy. Excellent
>     condition looks as though it was never
> issued. $45
>
> 4- TU-7-B Tuning unit. Frequency out side of the ham bands.
> 4500-6200 Khz.
>      Very nice condition. $25
>
> 5- 4 x 1000 Eimic pull guaranteed good output. $100
>
> 6- 4 x 1000 Eimac new. Not in a sealed container. No sign
> of power ever being
>      applied. Guaranteed full output.
> $250
>
> 7- 250TL Cascade research. Guranteed good output tested for
> opens. NOS. Qty 2
>     $150 each.
>
> 8- 250TH Eimac pulls. Guaranteed good output tested for
> opens. Qty 2 $200 each.
>
> 9- 100TH Manufacture unknown. Tested for opens. NOS Qty 1
> $45
>

> 10- Jennings Vacuum Cap Type VC-12 12mmf
> 20,Kv   $60
>
> 11- BC-610-F, Manufactured by  David Boden Corp, NYC.
>
>       Order # 10970-PH-48-77. This unit has
> never been on the air
>       sense I've have it. Was bought as a
> restoration project. W/ TU's
>
>       #'s TU54,TU52,TU51,TU50,TU49,TU47.
>       Coils #'s C-387, C-388,
> C-449,C-389,C-390, One home brew coil
>       Frequency range unknown. All tubes are
> with the transmitter. $1400
>
>
> 12- BC-610-E Plate transformer manufacture Stancor.
> $75  120 VAC
>       primary.
>
> Plus shipping on items 1-10
>
> Thanks for looking, Rock
> _____
> Milsurplus mailing list
> Home: http://mailman.qth.net/mailman/listinfo/milsurplus
> Help: http://mailman.qth.net/mmfaq.htm
> Post: mailto:Milsurplus@mailman.qth.net
>
> This list hosted by: http://www.qsl.net
> Please help support this email list: http://www.qsl.net/donate.html
>

# 4007. AB-577?

Yahoo group: T-368_BC-610
Date: 2009-11-02 04:00:47 UTC
From: redmenaced
Topic: 3999  Message: 4007

One just followed me home!

Anyone have any spare parts for one of these? Maybe from a wrecked one?

I don't need any right now, but it would be good to have if I lose something.

thanks,

Joe

# 4008. Re: [Milsurplus] Oscillator schematic for T368

Yahoo group: T-368_BC-610
Date: 2009-11-03 02:03:33 UTC
From: Joe Foley
Topic: 4008  Message: 4008

Can anyone help Mr. Hensley?

--- On Mon, 11/2/09, John Hensley <w5jv@hotmail.com> wrote:

> From: John Hensley <w5jv@...>
> Subject: [Milsurplus] Oscillator schematic for T368
> To: "MilSurplus QSLNet" <milsurplus@...>, amswap@...
> Date: Monday, November 2, 2009, 8:43 PM
>
> I'm looking for a clear schematic to the T368 VFO, AKA
> master oscillatorwhich holds V801 and V802.  The print
> that I have has faded traces and Ican't tell for sure
> whether some lines are connected or not.  If anyone
> hassame and can email I would appreciate the courtesy.
> Alternative, I canemail what I have and someone with a clear
> schematic could clear up theversion I have for me.
> I'm also trying to identify the control line values.
> P802 is a seven pin plugwhich I think is the blue din type
> instrument plug you commonly see.  Itplugs into
> J105.  Anyway, according to the schematic I have pins B
> & C arethe filaments, pin A goes to the control screen
> grids, D & H are tied together going to the cathode
> circuit and pins E & F are tied together going to the
> plate circuit.
> Can anyone tell me what the voltage values should be on
> these?
> TIA, John W5JV
>
>
>
> _____
> Hotmail: Trusted email with powerful SPAM protection.
> http://clk.atdmt.com/GBL/go/177141665/direct/01/
> _____
> Milsurplus mailing list
> Home: http://mailman.qth.net/mailman/listinfo/milsurplus
> Help: http://mailman.qth.net/mmfaq.htm
> Post: mailto:Milsurplus@...
>
> This list hosted by: http://www.qsl.net
> Please help support this email list: http://www.qsl.net/donate.html
>

# 4009. FS BC610E

Yahoo group: T-368_BC-610
Date: 2009-11-03 22:54:25 UTC
From: Barbara & Norman Ray
Topic: 4009  Message: 4009

FS BC610E. It has been restored to near new condition. It comes with the BC-614E Speech Amplifier, BC-939A Antenna Tuner as well as a more appropriate homemade tuner housed in a compatible cabinet (professional appearance), 17 tuning units, 19 coils, manuals, Heathkit VF-1 VFO unit as well as a LM-13 (which the original owner used for a VFO). Spare tubes for the final, modulator and others. There are two spare modulation transformers (haven't checked them). Included is a Heathkit audio speech amplifier which could be reconfigured in place of the original if desired. A coax relay is installed for T/R. The transmitter is mounted in a removable heavy duty caster base. I can mail a more complete description and pictures for serious interest. Price is $1500 pick up in the Seattle area due to its weight and my desire that you be satisfied.

I also have power supply deck for units using the potted transformers with the terminals out the bottom for best offer.

Norm W7LFA
425-821-2985
normray@...

[Non-text portions of this message have been removed]

# 4010. Re: [T-368_BC-610] FS BC610E

Yahoo group: T-368_BC-610
Date: 2009-11-04 01:20:52 UTC
From: Gary Pewitt
Topic: 4009  Message: 4010

Norm, would you happen to have a spare modulator deck? I am restoring a BC-610E and all I have for the mod deck is the bare stripped chassis. Either a complete deck or any (or all) of the parts would be a blessing. Thanks Gary N9ZSV

Barbara & Norman Ray wrote:
>
>
> FS BC610E. It has been restored to near new condition. It comes with
> the BC-614E Speech Amplifier, BC-939A Antenna Tuner as well as a more
> appropriate homemade tuner housed in a compatible cabinet
> (professional appearance), 17 tuning units, 19 coils, manuals,
> Heathkit VF-1 VFO unit as well as a LM-13 (which the original owner
> used for a VFO). Spare tubes for the final, modulator and others.
> There are two spare modulation transformers (haven't checked them).
> Included is a Heathkit audio speech amplifier which could be
> reconfigured in place of the original if desired. A coax relay is
> installed for T/R. The transmitter is mounted in a removable heavy
> duty caster base. I can mail a more complete description and pictures
> for serious interest. Price is $1500 pick up in the Seattle area due
> to its weight and my desire that you be satisfied.
>
> I also have power supply deck for units using the potted transformers
> with the terminals out the bottom for best offer.
>
> Norm W7LFA
> 425-821-2985
> normray@... <mailto:normray%40comcast.net>
>
> [Non-text portions of this message have been removed]
>
>

# 4011. PA Loading "spinner" knob

Yahoo group: T-368_BC-610
Date: 2009-11-08 01:30:32 UTC
From: commtekman
Topic: 4011  Message: 4011

My T-368E is missing the little "spinner" knob on the PA Loading control. Any help in finding a replacement would be appreciated.
Thanks,
Bob K6OSM
McCall, Idaho

# 4012. BC-939-A Antenna Tuner

Yahoo group: T-368_BC-610
Date: 2009-11-08 04:22:44 UTC
From: commtekman
Topic: 4012  Message: 4012

I have managed to come up with another question, two in the same night after being silent for years. I have what appears to be an excellent antenna tuner, BC-939-A. I believe when I bought this I was told that it would work with the T-368, is that correct? Since it is a nice bold black color, I would prefer to find the correct tuner in the correct color for by T-368. Any comments are appreciated-

Bob
K6OSM
McCall, Idaho

# 4013. RE: [T-368_BC-610] BC-939-A Antenna Tuner

Yahoo group: T-368_BC-610
Date: 2009-11-08 05:28:01 UTC
From: Trevor
Topic: 4012  Message: 4013

If I recall correctly, it is indeed the same unit in
all relevant electrical and physical parameters--
it's just that the ones from the Beastly 610 vintage
were black and the ones from the T-368 vintage were
grey. The grey unit bolted to the top of my T-368-E
is marked BC-939-B. 20 years ago, people almost had
a hard time giving these things away at hamfests;
these days, I think so many got junked or scrapped
out that ones in either color are sort of scarce. I
suspect that Uncle Sam did not sweat the color combos
in actual deployment of them- focusing instead on
functionality- so- perhaps, think of yours as an
aesthetically mismatched but probably representative
combo.

73
de
kd1yt

------- Original Message -------
From : commtekman[mailto:commtekman@...]
Sent : 11/7/2009 11:22:44 PM
To : T-368_BC-610@yahoogroups.com
Cc :
Subject : RE: [T-368_BC-610] BC-939-A Antenna Tuner

I have managed to come up with another
question, two in the same night after being silent
for years. I have what appears to be an excellent
antenna tuner, BC-939-A. I believe when I bought this
I was told that it would work with the T-368, is that
correct? Since it is a nice bold black color, I would
prefer to find the correct tuner in the correct color
for by T-368. Any comments are appreciated-

Bob

K6OSM

McCall, Idaho

# 4014. RE: [T-368_BC-610] PA Loading "spinner" knob

Yahoo group: T-368_BC-610
Date: 2009-11-08 05:32:55 UTC
From: Trevor
Topic: 4014  Message: 4014

Fair Radio Sales is worth a call in case they still
have any kicking around.

It was a type/series of knob by a mainstream maker
and I am forgetting the make and model designation,
but they were used on other things, too.

$$urplus $$ales of Nebra$$$ka used to carry some of
the knobs of that sort, too, and maybe still do, but
as you may be inferring, in my experience, they never
let anything go cheap

------- Original Message -------
From : commtekman[mailto:commtekman@...]
Sent : 11/7/2009 8:30:32 PM
To : T-368_BC-610@yahoogroups.com
Cc :
Subject : RE: [T-368_BC-610] PA Loading "spinner" knob

My T-368E is missing the little "spinner" knob
on the PA Loading control. Any help in finding a
replacement would be appreciated.

Thanks,

Bob K6OSM

McCall, Idaho

# 4015. RE: [T-368_BC-610] PA Loading "spinner" knob

Yahoo group: T-368_BC-610
Date: 2009-11-08 05:41:29 UTC
From: Trevor
Topic: 4014  Message: 4015

And- Oh yeah- Bob, WA5CAB may have them or know who
would-- google him in case he may not be checking
around here frequently these days

73

------- Original Message -------
From : Trevor[mailto:kd1yt@...]
Sent : 11/8/2009 12:32:55 AM
To : T-368_BC-610@yahoogroups.com
Cc :
Subject : RE: [T-368_BC-610] PA Loading "spinner" knob

Fair Radio Sales is worth a call in case they still

have any kicking around.

It was a type/series of knob by a mainstream maker

and I am forgetting the make and model designation,

but they were used on other things, too.

$$urplus $$ales of Nebra$$$ka used to carry some of

the knobs of that sort, too, and maybe still do, but

as you may be inferring, in my experience, they never

let anything go cheap

------- Original Message -------

From : commtekman[mailto:commtekman@...]

Sent : 11/7/2009 8:30:32 PM

To : T-368_BC-610@yahoogroups.com

Cc :

Subject : RE: [T-368_BC-610] PA Loading "spinner" knob

My T-368E is missing the little "spinner" knob

on the PA Loading control. Any help in finding a

replacement would be appreciated.

Thanks,

Bob K6OSM

McCall, Idaho

# 4016. Re: [T-368_BC-610] BC-939-A Antenna Tuner

Yahoo group: T-368_BC-610
Date: 2009-11-08 05:42:06 UTC
From: wa5cab@cs.com
Topic: 4012  Message: 4016

Bob,

Practically speaking, they were correct. Technically, the first several orders of AN/GRC-26D shipped with T-368A...D/URT and BC-939-B. There are only minor differences between BC-939-A and BC-939-B. Some -B models had an MWO applied that replaced the input hot and common terminals with an SO-239 to go with T-213/GRC-26 and BC-610-F and later that had an equivalent MWO applied. I don't know whether any -A models officially got the MWO but certainly some got it from hams.

The photos in TM 11-264A (Radio Set AN/GRC-26D) is in black and white, of course, but the BC-939-B shown sitting on top of the GRC-26 appears to have been painted the same shade of gray as the transmitter. However, the several BC-939-B's I have had or seen were all black wrinkle like your -A model. Maybe they repainted one just for the pilot model and the photos. :-) The Navy would have but I sorta doubt that the Army would have put NOSB BC-939-B's through Depot just to change the color.

In 1959, the nomenclature of BC-939-B was changed to TN-339/URT, and the paint was changed from black wrinkle to gray semigloss. The inductance of L5 was changed to 6 uHy and a wire was added from the top of L5 to the movable tap.

If you were local, I would probably swap even a TN-339 for the BC-939-A. I'm as likely to find a buyer for one as the other. But aside from being an A instead of a B, there's nothing wrong with the one that you have.

In a message dated 11/7/2009 10:24:08 PM Central Standard Time, commtekman@... writes:
> I have managed to come up with another question, two in the same night
> after being silent for years. I have what appears to be an excellent antenna
> tuner, BC-939-A. I believe when I bought this I was told that it would work
> with the T-368, is that correct? Since it is a nice bold black color, I
> would prefer to find the correct tuner in the correct color for by T-368. Any
> comments are appreciated-
>
> Bob
> K6OSM
> McCall, Idaho

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4017. Re: [T-368_BC-610] PA Loading "spinner" knob

Yahoo group: T-368_BC-610
Date: 2009-11-08 05:43:05 UTC
From: commtekman@aol.com
Topic: 4014  Message: 4017

Thank you kindly for getting back to me on both items. We are thinking of moving to Nevada and I hope to have a real ham shack if that happens and would like to try and get the T-368E on the air. The BC-939-A is in quite nice condition and may have been reconditioned at some point. The antenna current meter has a
1966 date and the inside has a number of red/orange ink numbers that are stamped here and there.

I will check out Surplus Sales and also Fair Radio Sales-

73 Bob
K6OSM

PS- you mentioned having a T-368E, I have a number of pieces of equipment that were used with these types of transmitters, including the modulator, a noise generator?, a number of pieces that were used to
monitor and control teletype and I think I have the more common power meter and dummy load-

[Non-text portions of this message have been removed]

# 4018. Re: [T-368_BC-610] BC-939-A Antenna Tuner

Yahoo group: T-368_BC-610
Date: 2009-11-08 05:54:45 UTC
From: commtekman@aol.com
Topic: 4012  Message: 4018

Hello Bob Downs,
Thanks for taking the time to write back to me. Yes, I wish we were closer, perhaps we could do a trade. The finish on my BC-939-A is smooth, not crinkle. I don't know what all that means in the scheme of things. I took the cover off tonight and checked it out pretty well with a flashlight, the meter has a 1966 date and the inside has red or orange ink numbers stamped in a number of places. It does not have an SO-239, but uses terminal connections on the left side. I guess it's a mystery..

73 Bob
K6OSM

PS- I put your last name at the top as it looks like I was sending this to myself, the last stage of getting old!

[Non-text portions of this message have been removed]

# 4019. OT question re: lil milsurp mech digital receivers

Yahoo group: T-368_BC-610
Date: 2009-11-08 05:58:34 UTC
From: Trevor
Topic: 4019  Message: 4019

I know that someone might say that I should post this to some other group, but I can only follow so many groups, and choose to follow this one, and hope that some of you can fill me in on this question.

In about 1990, at the NH Hosstraders hamfest, a fellow had a table full of little (by mil-radio standards) olive drab receivers with mechanical digital freq. readaouts; in concept, they looked like R-392s that had been shrunken in the wash and that you could carry with only one arm.... some of them, if I remember correctly, went from low HF to low VHF, and others went from low VHF to somewhere a lot higher.

At the time the prices seemed like more than I should spend, but they were spotless refurbs in the USGI packing, and I have kicked myself ever since for not bringing a set of them home.

Can anyone fill me in on the nomenclature and specs for these two different rcvr units and how hard they are to find and what the going prices are likely to be?

Thanks
Trevor
kd1yt@...

# 4020. RE: Re: [T-368_BC-610] BC-939-A Antenna Tuner

Yahoo group: T-368_BC-610
Date: 2009-11-08 06:01:48 UTC
From: Trevor
Topic: 4012  Message: 4020

My 939-B is an unwrinkly grey, and it is not a 339.

If I were only listing it on Epay, I could go on and
on about what an unusual and invaluable variant it
apparently is :)

73

# 4021. Re: [T-368_BC-610] PA Loading "spinner" knob

Yahoo group: T-368_BC-610
Date: 2009-11-08 06:15:12 UTC
From: wa5cab@cs.com
Topic: 4014  Message: 4021

Bob,

I've never owned a T-368 nor had any parts from one, other than a HV deck. So I skipped over your knob question. I just looked at the photos in several of the manuals but as luck would have it, the scans I have of the transmitter manuals that have front panel photos I didn't do. And the photos are so poor I can't tell what kind of knobs were used. I'll get one of my originals down tomorrow or Monday (Sunday is a work day for us, and a very busy one) and check. But from what I could see, I think it's a newer style knob from the 50's, and I'm unlikely to have one.

In a message dated 11/7/2009 11:42:56 PM Central Standard Time, commtekman@... writes:
> Thank you kindly for getting back to me on both items. We are thinking of
>
> moving to Nevada and I hope to have a real ham shack if that happens and
> would like to try and get the T-368E on the air. The BC-939-A is in quite
> nice
> condition and may have been reconditioned at some point. The antenna
> current meter has a
> 1966 date and the inside has a number of red/orange ink numbers that are
> stamped here and there.
>
> I will check out Surplus Sales and also Fair Radio Sales-
>
> 73 Bob
> K6OSM
>
> PS- you mentioned having a T-368E, I have a number of pieces of equipment
>
> that were used with these types of transmitters, including the modulator,
> a
> noise generator?, a number of pieces that were used to
> monitor and control teletype and I think I have the more common power
> meter
> and dummy load-

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4022. Re: [T-368_BC-610] BC-939-A Antenna Tuner

Yahoo group: T-368_BC-610
Date: 2009-11-08 06:26:05 UTC
From: wa5cab@cs.com
Topic: 4012  Message: 4022

Bob,

OK. I go by "Robert", although I will answer to "Bob" is someone is trying to buy something, give me something or feed me. :-)

Now that I think more about it, the BC-610-E was black semigloss as well. So it probably dates from '43 or '44. Of course, it could also have gone through Depot. The only model of BC-610 I recall seeing in wrinkle finish was the -F. Although I've only seen a few -D and earlier. But the odd thing is that the BC-729 antenna tuner used with those earlier models is wrinkle. Or at least the only one I've ever had is.

As you say, a mystery.

One further comment I'll make is that regardless of the tuner model or color, you don't normally use those tuners with a doublet (dipole) antenna. They were made to load into a 15' or 24' whip, or a 24' to 45' end fed wire.

In a message dated 11/7/2009 11:54:46 PM Central Standard Time, commtekman@... writes:
> Hello Bob Downs,
> Thanks for taking the time to write back to me. Yes, I wish we were
> closer,
> perhaps we could do a trade. The finish on my BC-939-A is smooth, not
> crinkle. I don't know what all that means in the scheme of things. I took
> the
> cover off tonight and checked it out pretty well with a flashlight, the
> meter has a 1966 date and the inside has red or orange ink numbers
> stamped in a
> number of places. It does not have an SO-239, but uses terminal
> connections on the left side. I guess it's a mystery..
>
> 73 Bob
> K6OSM
>
> PS- I put your last name at the top as it looks like I was sending this to
>
> myself, the last stage of getting old!
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4023. Re: [T-368_BC-610] BC-939-A Antenna Tuner

Yahoo group: T-368_BC-610
Date: 2009-11-08 18:16:45 UTC
From: commtekman@aol.com
Topic: 4012  Message: 4023

Thanks to everyone who took time and effort to help me, it is much appreciated!

73 Bob
K6OSM

[Non-text portions of this message have been removed]

# 4024. Re: [T-368_BC-610] BC-939-A Antenna Tuner

Yahoo group: T-368_BC-610
Date: 2009-11-08 18:31:03 UTC
From: commtekman@aol.com
Topic: 4012  Message: 4024

Robert,

Thanks again for your help. I will see if I can find the missing part for the PA Tuning knob and perhaps someone on the list may run across it someday. I don't own a BC-610, but have several parts for one. I have been the recipient of equipment from various SK over the years and have just kind of put the stuff in the corner that I didn't have an immediate need for. I just came back from my garage and found what appears to be a new set of "frequency setting cards" in a thin paper envelope, this may have been used with a "E" model, or perhaps they are all the same. In the same lot of equipment was an original manual from 1944 with the signal corps insignia on the front and the manual is for an "E" model. Also in my garage I found a rather large box of brand new (1944) coil set for a BC-610, made by B&W, it contains two (2) each of adjustable coils that go from 2 Mc to 18 Mc. The coils are in individual slots in the box and are wrapped in some kind of water proof material. A mouse has chewed open a couple of the wrappers, but doesn't look like it peed on any of them. Sorry for the long rant-

Bob
K6OSM

[Non-text portions of this message have been removed]

# 4025. t-368 overload reset

Yahoo group: T-368_BC-610
Date: 2009-11-09 14:06:59 UTC
From: n8lka
Topic: 4025  Message: 4025

Last night I was on 160 meters with my t368,it was working good. Then I made abt a 5 minute key down,and when I was talking it quit. I had to do the overload reset.I was back on with in 3 or 4 seconds.I do run a scope on it and everything looked good. Any ideas what I might look for. thanks

# 4026. RE: [T-368_BC-610] t-368 overload reset

Yahoo group: T-368_BC-610
Date: 2009-11-09 14:18:16 UTC
From: Tom Mackie
Topic: 4025  Message: 4026

Maintenance on all of the interlocks as a first step may help.
Thoroughly clean all the plungers and receptacles and visually inspect the wiring to each. Don't forget the one on the back panel. When I was having overload trips the PS drawer interlock was found to be heating and melting. Bypassing solved it.

After that step it's on to the tech troubleshooting including checking the adjustment of the overload ckt. Others will have lots of other suggestions too.

Tom W2ILA

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of n8lka
Sent: Monday, November 09, 2009 9:07 AM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] t-368 overload reset

Last night I was on 160 meters with my t368,it was working good. Then I made abt a 5 minute key down,and when I was talking it quit. I had to do the overload reset.I was back on with in 3 or 4 seconds.I do run a scope on it and everything looked good. Any ideas what I might look for.
thanks

[Non-text portions of this message have been removed]

# 4027. Re: [T-368_BC-610] PA Loading "spinner" knob

Yahoo group: T-368_BC-610
Date: 2009-11-09 14:33:39 UTC
From: Mark Donaldson
Topic: 4011  Message: 4027

The knob is manufactured by Raytheon and may still be production, at any rate they are frequently seen at hamfests so it shouldn't be hard to track one down.

--- On Sat, 11/7/09, commtekman <commtekman@...> wrote:

From: commtekman <commtekman@...>
Subject: [T-368_BC-610] PA Loading "spinner" knob
To: T-368_BC-610@yahoogroups.com
Date: Saturday, November 7, 2009, 8:30 PM

My T-368E is missing the little "spinner" knob on the PA Loading control. Any help in finding a replacement would be appreciated.
Thanks,
Bob K6OSM
McCall, Idaho

[Non-text portions of this message have been removed]

# 4028. Re: [T-368_BC-610] t-368 overload reset

Yahoo group: T-368_BC-610
Date: 2009-11-09 14:55:15 UTC
From: gary
Topic: 4025  Message: 4028

Tom thanks that will give me a place to start.I know a few years ago I went through all the interlocks.and cleand them up. So maybe it is time again. 73
----- Original Message -----
From: Tom Mackie
To: T-368_BC-610@yahoogroups.com
Sent: Monday, November 09, 2009 9:18 AM
Subject: RE: [T-368_BC-610] t-368 overload reset

Maintenance on all of the interlocks as a first step may help.
Thoroughly clean all the plungers and receptacles and visually inspect
the wiring to each. Don't forget the one on the back panel. When I was
having overload trips the PS drawer interlock was found to be heating
and melting. Bypassing solved it.

After that step it's on to the tech troubleshooting including checking
the adjustment of the overload ckt. Others will have lots of other
suggestions too.

Tom W2ILA

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
On Behalf Of n8lka
Sent: Monday, November 09, 2009 9:07 AM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] t-368 overload reset

Last night I was on 160 meters with my t368,it was working good. Then I
made abt a 5 minute key down,and when I was talking it quit. I had to do
the overload reset.I was back on with in 3 or 4 seconds.I do run a scope
on it and everything looked good. Any ideas what I might look for.
thanks

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4029. t-368 overload reset

Yahoo group: T-368_BC-610
Date: 2009-11-09 15:09:16 UTC
From: Joe Munson
Topic: 4025  Message: 4029

Hi Gary,

You may want to check the 5933 clamper tube. Mine would work FB, as long as it was keyed. As soon as I unkeyed, WHAM!, the breakers would blow. Replaced the above and problem went away.

Joe Munson
WA4VAG

[Non-text portions of this message have been removed]

# 4030. Re: [T-368_BC-610] t-368 overload reset

Yahoo group: T-368_BC-610
Date: 2009-11-09 15:49:29 UTC
From: gary
Topic: 4025  Message: 4030

Thanks Joe, I will look at the clamper tube. Mine trips when it is keyed, if I unkey it works fine.I will test the 5933. thanks
----- Original Message -----
From: Joe Munson
To: T-368_BC-610@yahoogroups.com
Sent: Monday, November 09, 2009 10:09 AM
Subject: [T-368_BC-610] t-368 overload reset

Hi Gary,

You may want to check the 5933 clamper tube. Mine would work FB, as long as it was keyed. As soon as I unkeyed, WHAM!, the breakers would blow. Replaced the above and problem went away.

Joe Munson
WA4VAG

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4031. Re: [T-368_BC-610] t-368 overload reset

Yahoo group: T-368_BC-610
Date: 2009-11-09 16:21:49 UTC
From: mac
Topic: 4025  Message: 4031

Maybe you just got too close to the mike.

When my Basic model started kicking out ANY time I tried to modulate I found a failed feedthrough insulator up on the RF chassis, see picture in the website's photo section..

Dennis D. W7QHO
Glendale, CA

On Nov 9, 2009, at 6:06 AM, n8lka wrote:

> Last night I was on 160 meters with my t368,it was working good.
> Then I made abt a 5 minute key down,and when I was talking it quit.
> I had to do the overload reset.I was back on with in 3 or 4
> seconds.I do run a scope on it and everything looked good. Any ideas
> what I might look for. thanks

[Non-text portions of this message have been removed]

# 4032. Re: [T-368_BC-610] t-368 overload reset

Yahoo group: T-368_BC-610
Date: 2009-11-09 16:51:40 UTC
From: gary
Topic: 4025  Message: 4032

Dennis, thanks for the info,I will check it out, I did look at your pictures and that looked bad. thanks
----- Original Message -----
From: mac
To: T-368_BC-610@yahoogroups.com
Sent: Monday, November 09, 2009 11:21 AM
Subject: Re: [T-368_BC-610] t-368 overload reset

Maybe you just got too close to the mike.

When my Basic model started kicking out ANY time I tried to modulate I found a failed feedthrough insulator up on the RF chassis, see picture in the website's photo section..

Dennis D. W7QHO
Glendale, CA

On Nov 9, 2009, at 6:06 AM, n8lka wrote:

> Last night I was on 160 meters with my t368,it was working good.
> Then I made abt a 5 minute key down,and when I was talking it quit.
> I had to do the overload reset.I was back on with in 3 or 4
> seconds.I do run a scope on it and everything looked good. Any ideas
> what I might look for. thanks

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4033. RE: [T-368_BC-610] t-368 overload reset

Yahoo group: T-368_BC-610
Date: 2009-11-10 02:59:29 UTC
From: Joe Foley
Topic: 4025  Message: 4033

Ditto on checking the wiring, also check that the wire is IN the hole in the terminal, check for charred wiring.  Put some oxidation inhibitor inside the movable contact hole, too.

Joe

--- On Mon, 11/9/09, Tom Mackie <tom_mackie@...> wrote:

From: Tom Mackie <tom_mackie@...>
Subject: RE: [T-368_BC-610] t-368 overload reset
To: T-368_BC-610@yahoogroups.com
Date: Monday, November 9, 2009, 9:18 AM

Maintenance on all of the interlocks as a first step may help.

Thoroughly clean all the plungers and receptacles and visually inspect

the wiring to each. Don't forget the one on the back panel. When I was

having overload trips the PS drawer interlock was found to be heating

and melting. Bypassing solved it.

After that step it's on to the tech troubleshooting including checking

the adjustment of the overload ckt. Others will have lots of other

suggestions too.

Tom W2ILA

From: T-368_BC-610@ yahoogroups. com [mailto:T-368_BC-610@ yahoogroups. com]

On Behalf Of n8lka

Sent: Monday, November 09, 2009 9:07 AM

To: T-368_BC-610@ yahoogroups. com

Subject: [T-368_BC-610] t-368 overload reset

Last night I was on 160 meters with my t368,it was working good. Then I

made abt a 5 minute key down,and when I was talking it quit. I had to do

the overload reset.I was back on with in 3 or 4 seconds.I do run a scope

on it and everything looked good. Any ideas what I might look for.

thanks

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4034. Re: [T-368_BC-610] t-368 overload reset

Yahoo group: T-368_BC-610
Date: 2009-11-10 03:31:06 UTC
From: mac
Topic: 4025  Message: 4034

Gary,

From your message I take it this was the first and only time the overload relay has kicked in. If so, don't worry about it. No need to tear into your rig unless it starts reoccurring. My Basic will (properly) kick out if I get way too close to the mic. Maybe you did too.

Dennis D. W7QHO
Glendale, CA

On Nov 9, 2009, at 6:06 AM, n8lka wrote:

> Last night I was on 160 meters with my t368,it was working good.
> Then I made abt a 5 minute key down,and when I was talking it quit.
> I had to do the overload reset.I was back on with in 3 or 4
> seconds.I do run a scope on it and everything looked good. Any ideas
> what I might look for. thanks
>
>
>

[Non-text portions of this message have been removed]

# 4035. Re: [T-368_BC-610] t-368 overload reset

Yahoo group: T-368_BC-610
Date: 2009-11-10 16:39:15 UTC
From: gary
Topic: 4025  Message: 4035

Dennis, thanks for the info, I did clean all the interlocks and so far so good. I do think maybe you are right-abt talking to close in the mic because thats what I was doing. thanks---- Original Message -----
From: "mac" <w7qho@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Monday, November 09, 2009 10:31 PM
Subject: Re: [T-368_BC-610] t-368 overload reset

> Gary,
>
> From your message I take it this was the first and only time the
> overload relay has kicked in. If so, don't worry about it. No need
> to tear into your rig unless it starts reoccurring. My Basic will
> (properly) kick out if I get way too close to the mic. Maybe you did
> too.
>
> Dennis D. W7QHO
> Glendale, CA
>
>
>
> On Nov 9, 2009, at 6:06 AM, n8lka wrote:
>
>> Last night I was on 160 meters with my t368,it was working good.
>> Then I made abt a 5 minute key down,and when I was talking it quit.
>> I had to do the overload reset.I was back on with in 3 or 4
>> seconds.I do run a scope on it and everything looked good. Any ideas
>> what I might look for. thanks
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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# 4036. Need BC-614 i schematic.

Yahoo group: T-368_BC-610
Date: 2009-11-23 04:15:44 UTC
From: Mark Foltarz
Topic: 4036  Message: 4036

Group,

I have the TM-11-5054.  The  I model 614 schematic is very small and not very practical to work from.

Can anyone email me a little more pracitcal size schematic that can be printed ?

TNX

de KA4JVY

Mark

# 4037. Re: [T-368_BC-610] Need BC-614 i schematic.

Yahoo group: T-368_BC-610
Date: 2009-11-23 04:52:03 UTC
From: wa5cab@cs.com
Topic: 4036  Message: 4037

Mark,

Can you print a B-size TIF? If not, a B-size PDF?

In a message dated 11/22/2009 10:17:15 PM Central Standard Time,
Foltarz@... writes:
> Group,
>
> I have the TM-11-5054. The I model 614 schematic is very small and
> not very practical to work from.
>
> Can anyone email me a little more pracitcal size schematic that can be
> printed ?
>
> TNX
>
> de KA4JVY
>
> Mark
>
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4038. bakelite

Yahoo group: T-368_BC-610
Date: 2009-11-23 21:31:19 UTC
From: Alan Morriss
Topic: 4038  Message: 4038

hello guys, i have just polished up the knobs of the bc 610 with some stuff we can get over here.they came up like new. i do all the knobs on my classic gear with it. it is called Bake-O-Bryte. i just wondered if you can get it your side of the pond. if not i can tell anyone who wants where to get it as you can only get it from a small firm here. cheers, alan g4gen

[Non-text portions of this message have been removed]

# 4039. Bakelite polish

Yahoo group: T-368_BC-610
Date: 2009-11-24 15:26:45 UTC
From: Gregory Cotton
Topic: 4039  Message: 4039

Apparently this is the same stuff, "Polishing Paste #5"...

http://www.conservationresources.com/Main/section_40/section40_12.htm

or on Ebay in the UK

http://cgi.ebay.com/Bakelite-Telephone-Radio-Polish-Paste-Polishing-No-5_W0QQitemZ160341578457QQcmdZViewItemQQptZUK_Collectables_Vintage_RL?hash=item25551a52d9

[Non-text portions of this message have been removed]

# 4040. Modulation transformer seconary

Yahoo group: T-368_BC-610
Date: 2009-11-25 01:14:34 UTC
From: Barrie Smith
Topic: 4040  Message: 4040

Good evening:

I'd like to try a modulation-reactor on my HT-4B.

Not wanting to create un-needed smoke, can anyone tell me (for shore), when looking down at the modulation transformer secondary terminals, from the front of the rig, which terminal is HV and which terminal goes to the RF deck?

I "think" that B+ is to the left, which means that the right terminal goes to the RF deck.

Creaky old bones, and poor vision don't allow a better squint.

73, Barrie, W7ALW

[Non-text portions of this message have been removed]

# 4041. T-368 Two Small Wants

Yahoo group: T-368_BC-610
Date: 2009-11-28 21:50:00 UTC
From: Keith Densmore
Topic: 4041  Message: 4041

Greetings to all on the List,
I am missing two small items to complete my otherwise beautiful transmitter.

1/ One of the allen headed bolts that holds the modules to the front panels to the frame.

2/ A source for the receiver antenna connector. I only need the connector, I can make up a cable. Don't know what they are called but they are an oversized BNC style connector. I think the same one is used on the whip input for the R-390A.

All the best to everyone,

Keith VE3TS

# 4042. RE: [T-368_BC-610] T-368 Two Small Wants

Yahoo group: T-368_BC-610
Date: 2009-11-29 05:02:13 UTC
From: Trevor
Topic: 4041  Message: 4042

I can't help directly with either, but you might try
googling "the nutty company" as a possible source for
the bolt, and as to the connector, it's what's known
as a "Type C connector." $$$urplus $$$ales of
Nebra$$$ka had them, last I knew, but there are
probably other, less expen$$$ive sources if you
search around for "Type C connector."

73
Trevor
KD1YT

------- Original Message -------
From : Keith
Densmore[mailto:densmore@....ca]
Sent : 11/28/2009 4:50:00 PM
To : T-368_BC-610@yahoogroups.com
Cc :
Subject : RE: [T-368_BC-610] T-368 Two Small Wants

Greetings to all on the List,

I am missing two small items to complete my otherwise
beautiful transmitter.

1/ One of the allen headed bolts that holds the
modules to the front panels

to the frame.

2/ A source for the receiver antenna connector. I
only need the connector, I

can make up a cable. Don't know what they are called
but they are an

oversized BNC style connector. I think the same one
is used on the whip

input for the R-390A.

All the best to everyone,

Keith VE3TS

# 4043. Re: [T-368_BC-610] T-368 Two Small Wants

Yahoo group: T-368_BC-610
Date: 2009-11-29 05:22:48 UTC
From: wa5cab@cs.com
Topic: 4041  Message: 4043

Further, for the C-connector I would recommend you look for a UG-636(*)/U adaptor. Type C male to BNC female. It's only for the receiver, and BNC to BNC cables are relatively easy to find. Technically it should be an RG-59 cable with UG-260's but RG-58 with UG-88's won't introduce enough loss in that short a length that you are likely to notice it. (*) means any letter you find in this position will work fine.

In a message dated 11/28/2009 11:02:49 PM Central Standard Time,
kd1yt@... writes:
> I can't help directly with either, but you might try
> googling "the nutty company" as a possible source for
> the bolt, and as to the connector, it's what's known
> as a "Type C connector." $$$urplus $$$ales of
> Nebra$$$ka had them, last I knew, but there are
> probably other, less expen$$$ive sources if you
> search around for "Type C connector."
>
> 73
> Trevor
> KD1YT

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4044. Re: [T-368_BC-610] T-368 Two Small Wants

Yahoo group: T-368_BC-610
Date: 2009-11-29 15:59:10 UTC
From: Keith Densmore
Topic: 4041  Message: 4044

Trevor,
Thanks for the information, another list member has offered me the connector
so one down and one to go.
I'll check out the nutty company and see if I can find the bolt.

Thanks again,
Keith VE3TS

----- Original Message -----
From: "Trevor" <kd1yt@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Sunday, November 29, 2009 12:02 AM
Subject: RE: [T-368_BC-610] T-368 Two Small Wants

>I can't help directly with either, but you might try
> googling "the nutty company" as a possible source for
> the bolt, and as to the connector, it's what's known
> as a "Type C connector." $$$urplus $$$ales of
> Nebra$$$ka had them, last I knew, but there are
> probably other, less expen$$$ive sources if you
> search around for "Type C connector."
>
> 73
> Trevor
> KD1YT
>
>
> ------- Original Message -------
>>From : Keith
> Densmore[mailto:densmore@...]
> Sent : 11/28/2009 4:50:00 PM
> To : T-368_BC-610@yahoogroups.com
> Cc :
> Subject : RE: [T-368_BC-610] T-368 Two Small Wants
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> Greetings to all on the List,
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> I am missing two small items to complete my otherwise
> beautiful transmitter.
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>
> 1/ One of the allen headed bolts that holds the
> modules to the front panels
>
> to the frame.
>
>
>
> 2/ A source for the receiver antenna connector. I
> only need the connector, I
>
> can make up a cable. Don't know what they are called
> but they are an
>
> oversized BNC style connector. I think the same one
> is used on the whip
>
> input for the R-390A.
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> All the best to everyone,
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> Keith VE3TS
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> Yahoo! Groups Links
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# 4045. Re: [T-368_BC-610] T-368 Two Small Wants

Yahoo group: T-368_BC-610
Date: 2009-11-29 16:03:47 UTC
From: Keith Densmore
Topic: 4041  Message: 4045

Thanks for the information, you guys are great! Maybe someone on the mil surplus list will have one.

Keith VE3TS

----- Original Message -----
From: <wa5cab@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Sunday, November 29, 2009 12:22 AM
Subject: Re: [T-368_BC-610] T-368 Two Small Wants

> Further, for the C-connector I would recommend you look for a UG-636(*)/U
> adaptor. Type C male to BNC female. It's only for the receiver, and BNC
> to
> BNC cables are relatively easy to find. Technically it should be an RG-59
> cable with UG-260's but RG-58 with UG-88's won't introduce enough loss in
> that
> short a length that you are likely to notice it. (*) means any letter you
> find in this position will work fine.
>
> In a message dated 11/28/2009 11:02:49 PM Central Standard Time,
> kd1yt@... writes:
>> I can't help directly with either, but you might try
>> googling "the nutty company" as a possible source for
>> the bolt, and as to the connector, it's what's known
>> as a "Type C connector." $$$urplus $$$ales of
>> Nebra$$$ka had them, last I knew, but there are
>> probably other, less expen$$$ive sources if you
>> search around for "Type C connector."
>>
>> 73
>> Trevor
>> KD1YT
>
> Robert Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links

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# 4046. Some amplifier parts Needed

Yahoo group: T-368_BC-610
Date: 2009-12-04 20:25:38 UTC
From: Keith Densmore
Topic: 4046  Message: 4046

Greetings,
I am in need of an amplifier plate choke, something good at 160 meters and capable of a kilowatt.
I also need 4 of 500 pf doorknobs at about 5KV.
Lemme know if you can help. Or if not, maybe where they can be purchased new.

All the best, thanks,

Keith ve3ts

# 4047. RE: [T-368_BC-610] Some amplifier parts Needed

Yahoo group: T-368_BC-610
Date: 2009-12-04 20:32:22 UTC
From: Tom Mackie
Topic: 4046  Message: 4047

Hi Keith

When I rebuilt the output of my T368 I got this choke from RF Parts:

1.8-30 MHz Amateur Bands including WARC.

Ideal for amplifiers using 811A, 572B, 813, 833, 3-500Z, 8877, 3CX800A7, etc.

Used extensively in the Ameritron and similar Linear Amps.

1.5A, 225 uH, 4 KV max

Size: 5 5/8" L x 1" diameter Ceramic coil form

Part Number: RFC-3 * $24.95 ea.

Hopefully you can find one less expensive or homebrew but just in case you have to go with new, this one has been working in my T368 for years and is happy on 160m.

73

Tom W2ILA

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Keith Densmore
Sent: Friday, December 04, 2009 3:26 PM
To: Boatanchors@...
Cc: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] Some amplifier parts Needed

Greetings,
I am in need of an amplifier plate choke, something good at 160 meters and
capable of a kilowatt.
I also need 4 of 500 pf doorknobs at about 5KV.
Lemme know if you can help. Or if not, maybe where they can be purchased

new.

All the best, thanks,

Keith ve3ts

[Non-text portions of this message have been removed]

# 4048. Re: [T-368_BC-610] Some amplifier parts Needed

Yahoo group: T-368_BC-610
Date: 2009-12-04 21:33:12 UTC
From: Keith Densmore
Topic: 4046  Message: 4048

Hi Tom,
Thanks for the tip. I'm going to do the Timtron mod to lower the tank capacity on my T-368. No problem on the RF part price but I always ask on the list first, it provides 'seed' money' for list memebers, hi.

73,
Keith
----- Original Message -----
From: "Tom Mackie" <tom_mackie@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Friday, December 04, 2009 3:32 PM
Subject: RE: [T-368_BC-610] Some amplifier parts Needed

> Hi Keith
>
>
>
> When I rebuilt the output of my T368 I got this choke from RF Parts:
>
> 1.8-30 MHz Amateur Bands including WARC.
>
> Ideal for amplifiers using 811A, 572B, 813, 833, 3-500Z, 8877, 3CX800A7,
> etc.
>
> Used extensively in the Ameritron and similar Linear Amps.
>
> 1.5A, 225 uH, 4 KV max
>
> Size: 5 5/8" L x 1" diameter Ceramic coil form
>
> Part Number: RFC-3 * $24.95 ea.
>
>
>
> Hopefully you can find one less expensive or homebrew but just in case
> you have to go with new, this one has been working in my T368 for years
> and is happy on 160m.
>
>
>
> 73
>
> Tom W2ILA
>
>

>
> From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
> On Behalf Of Keith Densmore
> Sent: Friday, December 04, 2009 3:26 PM
> To: Boatanchors@...
> Cc: T-368_BC-610@yahoogroups.com
> Subject: [T-368_BC-610] Some amplifier parts Needed
>
>
>
>
>
> Greetings,
> I am in need of an amplifier plate choke, something good at 160 meters
> and
> capable of a kilowatt.
> I also need 4 of 500 pf doorknobs at about 5KV.
> Lemme know if you can help. Or if not, maybe where they can be purchased
>
> new.
>
> All the best, thanks,
>
> Keith ve3ts
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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# 4049. BC610 current draw

Yahoo group: T-368_BC-610
Date: 2009-12-05 20:20:16 UTC
From: victorsj
Topic: 4049  Message: 4049

Does anyone know how much current a BC610 should draw on modulation peaks? It blew a 20 amp circuit breaker. There may have been a couple of other things on the same circuit (light bulbs, etc). Is this normal, or is there more likely something wrong with the rig? My BC610 runs on 120 volts.
Thanks and 73
Steve WA2DTW

# 4050. Re: [T-368_BC-610] BC610 current draw

Yahoo group: T-368_BC-610
Date: 2009-12-05 20:23:31 UTC
From: rbethman
Topic: 4049  Message: 4050

Steve,

If you look at the fuses on the front panel, you'll see that the BC-610 fuse is 30A. A 20A circuit is completely inadequate.

You need a dedicated 30A circuit for the Beast!

Bob - N0DGN

victorsj wrote:
>
>
> Does anyone know how much current a BC610 should draw on modulation
> peaks? It blew a 20 amp circuit breaker. There may have been a couple
> of other things on the same circuit (light bulbs, etc). Is this
> normal, or is there more likely something wrong with the rig? My BC610
> runs on 120 volts.
> Thanks and 73
> Steve WA2DTW
>
>

--
+----------------------------------------------------------------------+
| AM Amateur Radio Operator NØDGN |
+----------------------------------------------------------------------+
| http://home.comcast.net/~rbethman/ |
+----------------------------------------------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| \\ ~ ~ // signal does *NOT* mean |
| rbethman@... (/ @ @ /) that everything is OK " |
+----------------------o00o---°(_)°---o00o-------------------------+

[Non-text portions of this message have been removed]

# 4051. Re: [T-368_BC-610] CORRECTION - BC610 current draw

Yahoo group: T-368_BC-610
Date: 2009-12-05 22:17:17 UTC
From: rbethman
Topic: 4049  Message: 4051

The "main" fuse, FS1 is 25A.

Same issue, 20A isn't a heavy enough circuit for a Beast.

I put in a dedicated 30A to run mine on.

The resistance of the Beast hasn't changed, BUT, our voltages have. The PE-95 was a 110VAC generator. Our line voltage in today's world is more like 125 to 127VAC.

Those 100% mod peaks will pull enough to "probably" pop a 25A circuit.

Bob - N0DGN

rbethman wrote:
> Steve,
>
> If you look at the fuses on the front panel, you'll see that the
> BC-610 fuse is 30A. A 20A circuit is completely inadequate.
>
> You need a dedicated 30A circuit for the Beast!
>
> Bob - N0DGN
>
> victorsj wrote:
>>
>>
>> Does anyone know how much current a BC610 should draw on modulation
>> peaks? It blew a 20 amp circuit breaker. There may have been a couple
>> of other things on the same circuit (light bulbs, etc). Is this
>> normal, or is there more likely something wrong with the rig? My
>> BC610 runs on 120 volts.
>> Thanks and 73
>> Steve WA2DTW
>>
>>
>
> --
> +-----------------------------------------------------------------+
> | AM Amateur Radio Operator NØDGN |
> +-----------------------------------------------------------------+
> | http://home.comcast.net/~rbethman/ |
> +-----------------------------------------------------------------+
> | Bob Bethman \\\|/// " The absence of a danger |
> | \\ ~ ~ // signal does *NOT* mean |
> | rbethman@... (/ @ @ /) that everything is OK " |

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> +----------------------o00o---°(_)°---o00o-------------------------+
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+---------------------------------------------------------------------+
| AM Amateur Radio Operator NØDGN |
+---------------------------------------------------------------------+
| http://home.comcast.net/~rbethman/ |
+---------------------------------------------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| \\ ~ ~ // signal does *NOT* mean |
| rbethman@... (/ @ @ /) that everything is OK " |
+----------------------o00o---°(_)°---o00o-----------------------+

[Non-text portions of this message have been removed]
```

# 4052. Re: CORRECTION - BC610 current draw

Yahoo group: T-368_BC-610
Date: 2009-12-06 14:48:00 UTC
From: victorsj
Topic: 4049  Message: 4052

Thanks, Bob.
Actually, I couldn't find a 25 amp fast blow fuse, so I put in a 20 amp fuse into FS1.
Interestingly that didn't blow, but the breaker did.

I guess that is more evidence that the problem was that I was starving the rig for current, rather than the rig itself.

73
Steve WA2DTW

--- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@...> wrote:
>
> The "main" fuse, FS1 is 25A.
>
> Same issue, 20A isn't a heavy enough circuit for a Beast.
>
> I put in a dedicated 30A to run mine on.
>
> The resistance of the Beast hasn't changed, BUT, our voltages have. The
> PE-95 was a 110VAC generator. Our line voltage in today's world is more
> like 125 to 127VAC.
>
> Those 100% mod peaks will pull enough to "probably" pop a 25A circuit.
>
> Bob - N0DGN
>
> rbethman wrote:
> > Steve,
> >
> > If you look at the fuses on the front panel, you'll see that the
> > BC-610 fuse is 30A. A 20A circuit is completely inadequate.
> >
> > You need a dedicated 30A circuit for the Beast!
> >
> > Bob - N0DGN
> >
> > victorsj wrote:
> >>
> >>
> >> Does anyone know how much current a BC610 should draw on modulation
> >> peaks? It blew a 20 amp circuit breaker. There may have been a couple
> >> of other things on the same circuit (light bulbs, etc). Is this
> >> normal, or is there more likely something wrong with the rig? My
> >> BC610 runs on 120 volts.
> >> Thanks and 73
> >> Steve WA2DTW

```
> >>
> >>
> >
> > --
> > +---------------------------------------------------------------------+
> > | AM Amateur Radio Operator NØDGN |
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> > | http://home.comcast.net/~rbethman/ |
> > +---------------------------------------------------------------------+
> > | Bob Bethman \\\|/// " The absence of a danger |
> > | \\ ~ ~ // signal does *NOT* mean |
> > | rbethman@... (/ @ @ /) that everything is OK " |
> > +----------------------o00o---°(_)°---o00o-------------------------+
> >
>
> --
> +---------------------------------------------------------------------+
> | AM Amateur Radio Operator NØDGN |
> +---------------------------------------------------------------------+
> | http://home.comcast.net/~rbethman/ |
> +---------------------------------------------------------------------+
> | Bob Bethman \\\|/// " The absence of a danger |
> | \\ ~ ~ // signal does *NOT* mean |
> | rbethman@... (/ @ @ /) that everything is OK " |
> +----------------------o00o---°(_)°---o00o-------------------------+
>
>
>
> [Non-text portions of this message have been removed]
>
```

# 4053. For Sale T-368

Yahoo group: T-368_BC-610
Date: 2009-12-06 23:57:24 UTC
From: Steve Williams
Topic: 4053  Message: 4053

Please reply off list. For Sale: One T-368E/URT Serial # 250 and it includes the switch box SA-390 serial # 26 and ME-165/G Meter serial # 1. I do not have the matching tuner. The T3 is in excellent cosmetic shape except for one small paint chip in the RF Deck front panel just over the excitation input connector. The inside looks like new.
There have been some minor mods to the audio speech amp section. I have had it on 160 meters a few times and was told it sounds great. I have checked it out recently and get 500+ watts of carrier up through the 20 meter band. I bought it from the SK estate of Bernie Feissle, W0ZKN. I have had it now for about a year and a half and may have had it on the air 3 times. I have recently picked up another AM transmitter and would like to sell this one to make some room in the shack.
Asking $1700 cash and you pick it up at my home in Clarkson KY, zip 42726. I’m 8 miles from the Western Kentucky Parkway at Clarkson and 15 miles from I-65 at Upton KY.
I do have a roll around lift table that will help get each deck up level with your truck bed and I can provide plenty of help loading, etc. No, we won’t have to carry it up any basement steps. I have 22 pictures I can email to you and I’ll give you my phone number if you’d like to talk more about it.

Thanks,
Steve
KB4DMF

# 4054. BC-610 registry

Yahoo group: T-368_BC-610
Date: 2009-12-09 17:50:15 UTC
From: Mikhael
Topic: 375  Message: 4054

I had been maintaining a BC-610 registry but, haven't updated it for sometime. I am no longer going to keeping the list, so if anyone wants to take over or would just like the data, let me know.

http://milradio.syzen.com/BC610_Registry.aspx

I have everything in an access database but can export it to CSV format if you like. Just send me a message with your email address and I will send you file.

73's

Mike
N6WIG

# 4055. RE: [T-368_BC-610] BC-610 registry

Yahoo group: T-368_BC-610
Date: 2009-12-09 18:21:05 UTC
From: Dave Trainor
Topic: 375  Message: 4055

I would be happy to host the registry at http://www.n8zfm.com/ I have plenty of space and server capacity to host this.
Let me know,
73 - Dave N8ZFM

From: Mikhael
Sent: Wed 12/9/2009 12:50 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] BC-610 registry

I had been maintaining a BC-610 registry but, haven't updated it for sometime. I am no longer going to keeping the list, so if anyone wants to take over or would just like the data, let me know.

http://milradio.syzen.com/BC610_Registry.aspx

I have everything in an access database but can export it to CSV format if you like. Just send me a message with your email address and I will send you file.

73's

Mike
N6WIG

[Non-text portions of this message have been removed]

# 4056. BC-610 Registry

Yahoo group: T-368_BC-610
Date: 2009-12-09 18:51:13 UTC
From: rbethman
Topic: 688  Message: 4056

List,

I offered to take this from Mike. Dave hasn't answered my message yet.

It is available in three different forms! As an MS Excel spreadsheet, a CSV file, AND as an ASCII text file.

<http://home.comcast.net/~rbethman/BC610.xls> ( Excel )

<http://home.comcast.net/~rbethman/BC610.csv> ( CSV - Comma Separated Values )

<http://home.comcast.net/~rbethman/BC610.txt> ( ASCII Text ) [ The ugliest possible form ]

Bob - N0DGN

--

```
+-----------------------------------------------------------------+
| AM Amateur Radio Operator N?DGN |
+-----------------------------------------------------------------+
| http://home.comcast.net/~rbethman/ |
+-----------------------------------------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| \\ ~ ~ // signal does *NOT* mean |
| rbethman@... (/ @ @ /) that everything is OK " |
+----------------------o00o---?(_)?---o00o-------------------------+
```

# 4057. BC-610 Registry Changes

Yahoo group: T-368_BC-610
Date: 2009-12-09 22:56:54 UTC
From: rbethman1
Topic: 4057  Message: 4057

BC-610 part of the Group!

I've got the registry as I posted earlier. Send any changes/deletions/additions to me Direct!

<rbethman@...>

I'm going to give it a good "try" to make it more "user friendly" than it currently is.

Bob - N0DGN

# 4058. BC-610 Registry Changes

Yahoo group: T-368_BC-610
Date: 2009-12-09 20:48:09 UTC
From: rbethman
Topic: 4057  Message: 4058

BC-610 part of the Group!

I've got the registry as I posted earlier. Send any
changes/deletions/additions to me Direct!

<rbethman@...>

I'm going to give it a good "try" to make it more "user friendly" than
it currently is.

Bob - N0DGN

--
```
+---------------------------------------------------------------------+
| AM Amateur Radio Operator N?DGN |
+---------------------------------------------------------------------+
| http://home.comcast.net/~rbethman/ |
+---------------------------------------------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| \\ ~ ~ // signal does *NOT* mean |
| rbethman@... (/ @ @ /) that everything is OK " |
+----------------------o00o---?(_)?---o00o-------------------------+
```

# 4059. Re: [T-368_BC-610] BC-610 Registry Changes

Yahoo group: T-368_BC-610
Date: 2009-12-09 23:48:07 UTC
From: Joe Foley
Topic: 4057  Message: 4059

Well done, Bob!

Joe

--- On Wed, 12/9/09, rbethman1 <rbethman@...> wrote:

From: rbethman1 <rbethman@...>
Subject: [T-368_BC-610] BC-610 Registry Changes
To: T-368_BC-610@yahoogroups.com
Date: Wednesday, December 9, 2009, 5:56 PM

BC-610 part of the Group!

I've got the registry as I posted earlier. Send any changes/deletions/ additions to me Direct!

<rbethman@comcast. net>

I'm going to give it a good "try" to make it more "user friendly" than it currently is.

Bob - N0DGN

[Non-text portions of this message have been removed]

# 4060. Re: [T-368_BC-610] BC-610 Registry Changes

Yahoo group: T-368_BC-610
Date: 2009-12-10 04:23:31 UTC
From: aa9il@sbcglobal.net
Topic: 4057  Message: 4060

Greetings
On the T368 side, who do we send updates for that registry?
thx es 73
Mike
AA9IL

--- On Wed, 12/9/09, rbethman1 <rbethman@...> wrote:

From: rbethman1 <rbethman@...>
Subject: [T-368_BC-610] BC-610 Registry Changes
To: T-368_BC-610@yahoogroups.com
Date: Wednesday, December 9, 2009, 4:56 PM

BC-610 part of the Group!

I've got the registry as I posted earlier. Send any changes/deletions/ additions to me Direct!

<rbethman@comcast. net>

I'm going to give it a good "try" to make it more "user friendly" than it currently is.

Bob - N0DGN

[Non-text portions of this message have been removed]

# 4061. Re: [T-368_BC-610] BC-610 Registry Changes

Yahoo group: T-368_BC-610
Date: 2009-12-10 16:06:39 UTC
From: rbethman
Topic: 4057  Message: 4061

I believe it may be Bill Coleman, N2BC.

He is the owner of the database that is on Yahoo as part of this list.

Bob - N0DGN

aa9il@... wrote:
>
>
> Greetings
> On the T368 side, who do we send updates for that registry?
> thx es 73
> Mike
> AA9IL
>
> --- On Wed, 12/9/09, rbethman1 <rbethman@...
> <mailto:rbethman%40comcast.net>> wrote:
>
> From: rbethman1 <rbethman@... <mailto:rbethman%40comcast.net>>
> Subject: [T-368_BC-610] BC-610 Registry Changes
> To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> Date: Wednesday, December 9, 2009, 4:56 PM
>
>
>
> BC-610 part of the Group!
>
> I've got the registry as I posted earlier. Send any changes/deletions/
> additions to me Direct!
>
> <rbethman@comcast. net>
>
> I'm going to give it a good "try" to make it more "user friendly" than
> it currently is.
>
> Bob - N0DGN
>
> [Non-text portions of this message have been removed]
>
>

--
+----------------------------------------------------------------+
| AM Amateur Radio Operator NØDGN |
+----------------------------------------------------------------+
| http://home.comcast.net/~rbethman/ |

```
+--------------------------------------------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| \\ ~ ~ // signal does *NOT* mean |
| rbethman@... (/ @ @ /) that everything is OK " |
+----------------------o00o---°(_)°---o00o-------------------------+
```

[Non-text portions of this message have been removed]

# 4062. Re: [T-368_BC-610] BC-610 Registry Changes

Yahoo group: T-368_BC-610
Date: 2009-12-10 19:40:16 UTC
From: Joe Foley
Topic: 4057  Message: 4062

Bill is no longer on this list, that registry is under the "Database" heading on the homepage of this list.

Joe

--- On Thu, 12/10/09, rbethman <rbethman@...> wrote:

From: rbethman <rbethman@comcast.net>
Subject: Re: [T-368_BC-610] BC-610 Registry Changes
To: T-368_BC-610@yahoogroups.com
Date: Thursday, December 10, 2009, 11:06 AM

I believe it may be Bill Coleman, N2BC.

He is the owner of the database that is on Yahoo as part of this list.

Bob - N0DGN

aa9il@sbcglobal. net wrote:
>
>
> Greetings
> On the T368 side, who do we send updates for that registry?
> thx es 73
> Mike
> AA9IL
>
> --- On Wed, 12/9/09, rbethman1 <rbethman@comcast. net
> <mailto:rbethman% 40comcast. net>> wrote:
>
> From: rbethman1 <rbethman@comcast. net <mailto:rbethman% 40comcast. net>>
> Subject: [T-368_BC-610] BC-610 Registry Changes
> To: T-368_BC-610@ yahoogroups. com <mailto:T-368_ BC-610%40yahoogr oups.com>
> Date: Wednesday, December 9, 2009, 4:56 PM
>
>
>
> BC-610 part of the Group!
>
> I've got the registry as I posted earlier. Send any changes/deletions/
> additions to me Direct!
>
> <rbethman@comcast. net>
>
> I'm going to give it a good "try" to make it more "user friendly" than
> it currently is.
>

> Bob - N0DGN
>
> [Non-text portions of this message have been removed]
>
>

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+----------- --------- --------- --------- --------- --------- --+
| AM Amateur Radio Operator NØDGN |
+----------- --------- --------- --------- --------- --------- --+
| http://home. comcast.net/ ~rbethman/ |
+----------- --------- --------- --------- --------- --------- --+
| Bob Bethman \\\|/// " The absence of a danger |
| \\ ~ ~ // signal does *NOT* mean |
| rbethman@comcast. net (/ @ @ /) that everything is OK " |
+----------- --------- --o00o---° (_)°---o00o- --------- --------- ------+

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4063. Re: [T-368_BC-610] BC-610 Registry Changes

Yahoo group: T-368_BC-610
Date: 2009-12-10 19:46:47 UTC
From: rbethman
Topic: 4057  Message: 4063

Joe,

The Yahoo "system" indicates that he is the owner of the database.
You'd have to make someone else the owner to allow that database to be
modified, or you can make the changes as you are the list owner.

I've also thought about asking you to allow me to put the BC-610
Registry there as a second database - *IF* Yahoo allows more than one.

Bob - N0DGN

Joe Foley wrote:
>
>
> Bill is no longer on this list, that registry is under the "Database"
> heading on the homepage of this list.
>
> Joe
>
>
>
> --- On Thu, 12/10/09, rbethman <rbethman@...
> <mailto:rbethman%40comcast.net>> wrote:
>
> From: rbethman <rbethman@... <mailto:rbethman%40comcast.net>>
> Subject: Re: [T-368_BC-610] BC-610 Registry Changes
> To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> Date: Thursday, December 10, 2009, 11:06 AM
>
>
>
> I believe it may be Bill Coleman, N2BC.
>
> He is the owner of the database that is on Yahoo as part of this list.
>
> Bob - N0DGN
>
> aa9il@sbcglobal. net wrote:
> >
> >
> > Greetings
> > On the T368 side, who do we send updates for that registry?
> > thx es 73
> > Mike
> > AA9IL
> >

> > --- On Wed, 12/9/09, rbethman1 <rbethman@comcast. net
> > <mailto:rbethman% 40comcast. net>> wrote:
> >
> > From: rbethman1 <rbethman@comcast. net <mailto:rbethman% 40comcast.
> net>>
> > Subject: [T-368_BC-610] BC-610 Registry Changes
> > To: T-368_BC-610@ yahoogroups. com <mailto:T-368_ BC-610%40yahoogr
> oups.com>
> > Date: Wednesday, December 9, 2009, 4:56 PM
> >
> >
> >
> > BC-610 part of the Group!
> >
> > I've got the registry as I posted earlier. Send any changes/deletions/
> > additions to me Direct!
> >
> > <rbethman@comcast. net>
> >
> > I'm going to give it a good "try" to make it more "user friendly" than
> > it currently is.
> >
> > Bob - N0DGN
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> --
> +----------- --------- --------- --------- --------- --------- --+
> | AM Amateur Radio Operator NØDGN |
> +----------- --------- --------- --------- --------- --------- --+
> | http://home. comcast.net/ ~rbethman/ |
> +----------- --------- --------- --------- --------- --------- --+
> | Bob Bethman \\\|/// " The absence of a danger |
> | \\ ~ ~ // signal does *NOT* mean |
> | rbethman@comcast. net (/ @ @ /) that everything is OK " |
> +----------- --------- --o00o---° (_)°---o00o- --------- --------- ------+
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>

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+-----------------------------------------------------------------+
| AM Amateur Radio Operator NØDGN |
+-----------------------------------------------------------------+
| http://home.comcast.net/~rbethman/ |

+-----------------------------------------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| \\ ~ ~ // signal does *NOT* mean |
| rbethman@comcast.net (/ @ @ /) that everything is OK " |
+----------------------o00o---°(_)°---o00o-------------------------+

[Non-text portions of this message have been removed]

# 4064. Re: [T-368_BC-610] BC-610 Registry Changes

Yahoo group: T-368_BC-610
Date: 2009-12-10 20:02:26 UTC
From: Joe Foley
Topic: 4057  Message: 4064

Would you like to be a moderator?

Joe

--- On Thu, 12/10/09, rbethman <rbethman@...> wrote:

From: rbethman <rbethman@...>
Subject: Re: [T-368_BC-610] BC-610 Registry Changes
To: T-368_BC-610@yahoogroups.com
Date: Thursday, December 10, 2009, 2:46 PM

Joe,

The Yahoo "system" indicates that he is the owner of the database.
You'd have to make someone else the owner to allow that database to be
modified, or you can make the changes as you are the list owner.

I've also thought about asking you to allow me to put the BC-610
Registry there as a second database - *IF* Yahoo allows more than one.

Bob - N0DGN

Joe Foley wrote:
>
>
> Bill is no longer on this list, that registry is under the "Database"
> heading on the homepage of this list.
>
> Joe
>
>
>
> --- On Thu, 12/10/09, rbethman <rbethman@comcast. net
> <mailto:rbethman% 40comcast. net>> wrote:
>
> From: rbethman <rbethman@comcast. net <mailto:rbethman% 40comcast. net>>
> Subject: Re: [T-368_BC-610] BC-610 Registry Changes
> To: T-368_BC-610@ yahoogroups. com <mailto:T-368_ BC-610%40yahoogr oups.com>
> Date: Thursday, December 10, 2009, 11:06 AM
>
>
>
> I believe it may be Bill Coleman, N2BC.
>
> He is the owner of the database that is on Yahoo as part of this list.
>
> Bob - N0DGN

>
> aa9il@sbcglobal. net wrote:
> >
> >
> > Greetings
> > On the T368 side, who do we send updates for that registry?
> > thx es 73
> > Mike
> > AA9IL
> >
> > --- On Wed, 12/9/09, rbethman1 <rbethman@comcast. net
> > <mailto:rbethman% 40comcast. net>> wrote:
> >
> > From: rbethman1 <rbethman@comcast. net <mailto:rbethman% 40comcast.
> net>>
> > Subject: [T-368_BC-610] BC-610 Registry Changes
> > To: T-368_BC-610@ yahoogroups. com <mailto:T-368_ BC-610%40yahoogr
> oups.com>
> > Date: Wednesday, December 9, 2009, 4:56 PM
> >
> >
> >
> > BC-610 part of the Group!
> >
> > I've got the registry as I posted earlier. Send any changes/deletions/
> > additions to me Direct!
> >
> > <rbethman@comcast. net>
> >
> > I'm going to give it a good "try" to make it more "user friendly" than
> > it currently is.
> >
> > Bob - N0DGN
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> --
> +----------- --------- --------- --------- --------- --------- --+
> | AM Amateur Radio Operator NØDGN |
> +----------- --------- --------- --------- --------- --------- --+
> | http://home. comcast.net/ ~rbethman/ |
> +----------- --------- --------- --------- --------- --------- --+
> | Bob Bethman \\\|/// " The absence of a danger |
> | \\ ~ ~ // signal does *NOT* mean |
> | rbethman@comcast. net (/ @ @ /) that everything is OK " |
> +----------- --------- --o00o---° (_)°---o00o- --------- --------- ------+
>
> [Non-text portions of this message have been removed]

>
> [Non-text portions of this message have been removed]
>
>

--
+----------- --------- --------- --------- --------- --------- --+
| AM Amateur Radio Operator NØDGN |
+----------- --------- --------- --------- --------- --------- --+
| http://home. comcast.net/ ~rbethman/ |
+----------- --------- --------- --------- --------- --------- --+
| Bob Bethman \\\|/// " The absence of a danger |
| \\ ~ ~ // signal does *NOT* mean |
| rbethman@comcast. net (/ @ @ /) that everything is OK " |
+----------- --------- --o00o---° (_)°---o00o- --------- --------- ------+

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4065. Re: [T-368_BC-610] BC-610 Registry Changes

Yahoo group: T-368_BC-610
Date: 2009-12-10 20:08:39 UTC
From: rbethman
Topic: 4057  Message: 4065

Joe,

If that is what is needed to add a Database, so be it!

( I ask only for a direct Email from you to me as to what YOUR standards are!)

Bob - N0DGN

Joe Foley wrote:
>
>
> Would you like to be a moderator?
>
> Joe
>
> --- On Thu, 12/10/09, rbethman <rbethman@...
> <mailto:rbethman%40comcast.net>> wrote:
>
> From: rbethman <rbethman@... <mailto:rbethman%40comcast.net>>
> Subject: Re: [T-368_BC-610] BC-610 Registry Changes
> To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> Date: Thursday, December 10, 2009, 2:46 PM
>
>
>
> Joe,
>
> The Yahoo "system" indicates that he is the owner of the database.
> You'd have to make someone else the owner to allow that database to be
> modified, or you can make the changes as you are the list owner.
>
> I've also thought about asking you to allow me to put the BC-610
> Registry there as a second database - *IF* Yahoo allows more than one.
>
> Bob - N0DGN
>
> Joe Foley wrote:
> >
> >
> > Bill is no longer on this list, that registry is under the "Database"
> > heading on the homepage of this list.
> >
> > Joe
> >
> >

> >
> > --- On Thu, 12/10/09, rbethman <rbethman@comcast. net
> > <mailto:rbethman% 40comcast. net>> wrote:
> >
> > From: rbethman <rbethman@comcast. net <mailto:rbethman% 40comcast. net>>
> > Subject: Re: [T-368_BC-610] BC-610 Registry Changes
> > To: T-368_BC-610@ yahoogroups. com <mailto:T-368_ BC-610%40yahoogr
> oups.com>
> > Date: Thursday, December 10, 2009, 11:06 AM
> >
> >
> >
> > I believe it may be Bill Coleman, N2BC.
> >
> > He is the owner of the database that is on Yahoo as part of this list.
> >
> > Bob - N0DGN
> >
> > aa9il@sbcglobal. net wrote:
> > >
> > >
> > > Greetings
> > > On the T368 side, who do we send updates for that registry?
> > > thx es 73
> > > Mike
> > > AA9IL
> > >
> > > --- On Wed, 12/9/09, rbethman1 <rbethman@comcast. net
> > > <mailto:rbethman% 40comcast. net>> wrote:
> > >
> > > From: rbethman1 <rbethman@comcast. net <mailto:rbethman% 40comcast.
> > net>>
> > > Subject: [T-368_BC-610] BC-610 Registry Changes
> > > To: T-368_BC-610@ yahoogroups. com <mailto:T-368_ BC-610%40yahoogr
> > oups.com>
> > > Date: Wednesday, December 9, 2009, 4:56 PM
> > >
> > >
> > >
> > > BC-610 part of the Group!
> > >
> > > I've got the registry as I posted earlier. Send any changes/deletions/
> > > additions to me Direct!
> > >
> > > <rbethman@comcast. net>
> > >
> > > I'm going to give it a good "try" to make it more "user friendly" than
> > > it currently is.
> > >
> > > Bob - N0DGN

```
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> >
> > --
> > +----------- --------- --------- --------- --------- --------- --+
> > | AM Amateur Radio Operator NØDGN |
> > +----------- --------- --------- --------- --------- --------- --+
> > | http://home. comcast.net/ ~rbethman/ |
> > +----------- --------- --------- --------- --------- --------- --+
> > | Bob Bethman \\\|/// " The absence of a danger |
> > | \\ ~ ~ // signal does *NOT* mean |
> > | rbethman@comcast. net (/ @ @ /) that everything is OK " |
> > +----------- --------- --o00o---° (_)°---o00o- --------- ---------
> ------+
> >
> > [Non-text portions of this message have been removed]
> >
> > [Non-text portions of this message have been removed]
> >
> > >
>
> --
> +----------- --------- --------- --------- --------- --------- --+
> | AM Amateur Radio Operator NØDGN |
> +----------- --------- --------- --------- --------- --------- --+
> | http://home. comcast.net/ ~rbethman/ |
> +----------- --------- --------- --------- --------- --------- --+
> | Bob Bethman \\\|/// " The absence of a danger |
> | \\ ~ ~ // signal does *NOT* mean |
> | rbethman@comcast. net (/ @ @ /) that everything is OK " |
> +----------- --------- --o00o---° (_)°---o00o- --------- --------- ------+
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>

--
+--------------------------------------------------------------------+
| AM Amateur Radio Operator NØDGN |
+--------------------------------------------------------------------+
| http://home.comcast.net/~rbethman/ |
+--------------------------------------------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| \\ ~ ~ // signal does *NOT* mean |
| rbethman@...t (/ @ @ /) that everything is OK " |
+----------------------o00o---°(_)°---o00o-------------------------+
```

[Non-text portions of this message have been removed]

# 4066. BC-610 Registry NOW as a Yahoo Database

Yahoo group: T-368_BC-610
Date: 2009-12-11 23:04:45 UTC
From: rbethman
Topic: 4066  Message: 4066

Okay folks!

Check your entry(s). Changes/additions/deletions?

E-mail <rbethman@...> direct.

Bob - N0DGN

# 4067. T-368 Registry

Yahoo group: T-368_BC-610
Date: 2009-12-12 01:22:20 UTC
From: rbethman
Topic: 616  Message: 4067

Group,

As soon as I get over the insanity, if Joe says okay, I'll take changes to the T-368 Registry.

I'm still dealing with changes, additions, and the like to the BC-610 Registry which is ALSO now a Group Database.

< I've got to be warped, perverted, and certifiable! >

Bob - N0DGN

# 4068. Re: Richard M.+MC++Clung sent you a private message on Feed Share - please re...

Yahoo group: T-368_BC-610
Date: 2009-12-14 01:54:19 UTC
From: Rich MC Clung
Topic: 4068  Message: 4068

"If you get an email from something
called Feed Share …… purporting to come from a Me,
ignore it. DELETE IT. By all means DO NOT OPEN IT. It seems to be some sort of viral spam,
from an outfit called
InfoAxe.

RICH  @B> }

[Non-text portions of this message have been removed]

# 4069. Re: BC-610 Registry NOW as a Yahoo Database

Yahoo group: T-368_BC-610
Date: 2009-12-15 09:56:36 UTC
From: Roger Basford
Topic: 4066  Message: 4069

Yep! My BC-610 is an -E model and there's no "d" in Roger!

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@...> wrote:
>
> Okay folks!
>
> Check your entry(s). Changes/additions/deletions?
>
> E-mail <rbethman@...> direct.
>
> Bob - N0DGN
>

# 4070. [Fwd: [Hallicrafters] HALLICRAFTERS BC-610 TRANSMITTER FOR SALE]

Yahoo group: T-368_BC-610
Date: 2009-12-15 19:25:37 UTC
From: rbethman
Topic: 4070  Message: 4070

Posted on Hallicrafters list.

Bob - N0DGN

-------- Original Message --------
Subject: [Hallicrafters] HALLICRAFTERS BC-610 TRANSMITTER FOR SALE
Date: Tue, 15 Dec 2009 10:55:53 -0800 (PST)
From: gallop@...
To: hallicrafters@..., boatanchors@...,
forsale-swap@...

Hallicrafters BC-610 Transmitter plus all the accessories:
Control Box,
Main Antenna tuning unit that mounts on top,
Speech Amp,
Complete set of tank coils and tuning units including the very hard to find
160m band. Extra cables, tubes, original hand mic, all in excellent
condition. Pictures
Available upon request. CASH and Carry only. Pick up near Fresno Calif.
Call 559-322-0459 for any questions. I work during the weekdays so please
leave a message and I?ll call you back. Asking $3850.00. Serious inquiries
only please. Thanks.

Mike
WA6AAJ

[Non-text portions of this message have been removed]

# 4071. T-368_BC-610-unsubscribe@yahoogroups.com

Yahoo group: T-368_BC-610
Date: 2009-12-18 15:31:48 UTC
From: w7tlt58
Topic: 4071  Message: 4071

[Body unavailable in the source archive]

# 4073. Re: [T-368_BC-610] unsubscribe

Yahoo group: T-368_BC-610
Date: 2009-12-18 23:40:07 UTC
From: Joe Foley
Topic: 4071  Message: 4073

Hi,

Are you trying to leave this list?

I can 'do that for you if you want.

Joe

--- On Fri, 12/18/09, john@k5see.com <john@...> wrote:

From: john@... <john@...>
Subject: [T-368_BC-610] unsubscribe
To: T-368_BC-610@yahoogroups.com
Date: Friday, December 18, 2009, 10:58 AM

unsubscribe

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4074. Re: [T-368_BC-610] T-368_BC-610-unsubscribe@yahoogroups.com

Yahoo group: T-368_BC-610
Date: 2009-12-18 23:40:58 UTC
From: Joe Foley
Topic: 4071  Message: 4074

Hi,

Are you trying to leave this list?

I can do that for you if you want..

Joe

--- On Fri, 12/18/09, w7tlt58 <w7tlt@...> wrote:

From: w7tlt58 <w7tlt@...>
Subject: [T-368_BC-610] T-368_BC-610-unsubscribe@yahoogroups.com
To: T-368_BC-610@yahoogroups.com
Date: Friday, December 18, 2009, 10:31 AM

[Non-text portions of this message have been removed]

# 4075. Re: [T-368_BC-610] unsubscribe

Yahoo group: T-368_BC-610
Date: 2009-12-21 14:25:36 UTC
From: Fair Radio Sales - Phil
Topic: 4071  Message: 4075

Dear Joe,

I am not sure why I received this email. I do not wish to leave this list.

Sincerely
Phillip Sellati
Fair Radio Sales

Joe Foley wrote:
>
>
> Hi,
>
> Are you trying to leave this list?
>
> I can 'do that for you if you want.
>
> Joe
>
>
>
>
> --- On Fri, 12/18/09, john@... <mailto:john%40k5see.com>
> <john@... <mailto:john%40k5see.com>> wrote:
>
> From: john@... <mailto:john%40k5see.com> <john@...
> <mailto:john%40k5see.com>>
> Subject: [T-368_BC-610] unsubscribe
> To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> Date: Friday, December 18, 2009, 10:58 AM
>
>
>
>
> unsubscribe
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>

# 4076. Re: [T-368_BC-610] unsubscribe

Yahoo group: T-368_BC-610
Date: 2009-12-22 00:33:41 UTC
From: Joe Foley
Topic: 4071  Message: 4076

Oops!

Sorry to all the list.

I received a message from two subscribers that they wanted to leave the list, I didn't check the reply address before I hit send.

But that never happens,..... does it?

Joe

--- On Mon, 12/21/09, Fair Radio Sales - Phil <surplus@...> wrote:

From: Fair Radio Sales - Phil <surplus@fairradio.com>
Subject: Re: [T-368_BC-610] unsubscribe
To: T-368_BC-610@yahoogroups.com
Date: Monday, December 21, 2009, 9:25 AM

Dear Joe,

I am not sure why I received this email. I do not wish to leave this list.

Sincerely
Phillip Sellati
Fair Radio Sales

Joe Foley wrote:
>
>
> Hi,
>
> Are you trying to leave this list?
>
> I can 'do that for you if you want.
>
> Joe
>
>
>
>
> --- On Fri, 12/18/09, john@... <mailto:john% 40k5see.com>
> <john@... <mailto:john% 40k5see.com> > wrote:
>
> From: john@... <mailto:john% 40k5see.com> <john@...
> <mailto:john% 40k5see.com> >
> Subject: [T-368_BC-610] unsubscribe
> To: T-368_BC-610@ yahoogroups. com <mailto:T-368_ BC-610%40yahoogr oups.com>

> Date: Friday, December 18, 2009, 10:58 AM
>
>
>
> unsubscribe
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 4077. Neutralization

Yahoo group: T-368_BC-610
Date: 2009-12-23 16:12:32 UTC
From: victorsj
Topic: 4077  Message: 4077

Is it common for the BC610 to be neutralized on some bands, but not on others?
On 160 meters it seems to be OK (albeit with somewhat reduced plate current). But on higher bands, the plate current rises, the plates glow bloody red, and the output decreases. My guess is that the finals are going into oscillation on 40 and 20 meters.

73
Steve WA2DTW

# 4078. Re: [T-368_BC-610] Neutralization

Yahoo group: T-368_BC-610
Date: 2009-12-23 16:37:24 UTC
From: rbethman
Topic: 4077  Message: 4078

Steve,

Do you have TM 11-826?

Neutralization is on page 96 through 97.

It specifies using TU-52, and PA Coil C-390-C.

This is slightly different than what we are used to. We are commonly instructed to go to the highest frequency of a transmitter and perform it there.

There is ONE other very important consideration - What voltage are you feeding your BC-610? If it is simply the 125VAC from the service supplied, you WILL get higher current AND High Voltage to the final! It has been designed and built for 110VAC power.

Use either a healthy variac or a healthy bucking transformer.

Bob - N0DGN

victorsj wrote:
>
>
> Is it common for the BC610 to be neutralized on some bands, but not on
> others?
> On 160 meters it seems to be OK (albeit with somewhat reduced plate
> current). But on higher bands, the plate current rises, the plates
> glow bloody red, and the output decreases. My guess is that the finals
> are going into oscillation on 40 and 20 meters.
>
> 73
> Steve WA2DTW
>
> _
>
>

[Non-text portions of this message have been removed]

# 4079. Neutralization

Yahoo group: T-368_BC-610
Date: 2009-12-23 20:20:27 UTC
From: steve gajkowski
Topic: 4077  Message: 4079

Sent from my iPhone

# 4080. Re: [T-368_BC-610] Neutralization

Yahoo group: T-368_BC-610
Date: 2009-12-23 20:31:53 UTC
From: rbethman
Topic: 4077  Message: 4080

Steve - NOTHING came through for text!

Bob - N0DGN

steve gajkowski wrote:
>
>
>
>
> Sent from my iPhone
>
>
> Reply to sender <mailto:grasshopper@...?subject=Neutralization> |
> Reply to group
> <mailto:T-368_BC-610@yahoogroups.com?subject=Neutralization>
> Messages in this topic
> <http://groups.yahoo.com/group/T-368_BC-610/message/4077;_ylc=X3oDMTMzbzUzY3N0BF9TAzk3MzU5NzE0BGdycElkAzI3Njk0NgRncnBzcElkAzE3MDUwMzQ2OTAEbXNnSWQDNDA3OQRzZWMDZnRyBHNsawN2dHBjBHN0aW1lAzEyNjE1OTk2MzMEdHBjSWQDNDA3Nw-->
> (3)
> Recent Activity:
>
> Visit Your Group
> <http://groups.yahoo.com/group/T-368_BC-610;_ylc=X3oDMTJkODRybGxjBF9TAzk3MzU5NzE0BGdycElkAzI3Njk0NgRncnBzcElkAzE3MDUwMzQ2OTAEc2VjA3Z0bARzbGsDdmdocARzdGltZQMxMjYxNTk5NjMz>
> Start a New Topic
> <http://groups.yahoo.com/group/T-368_BC-610/post;_ylc=X3oDMTJkcmVzM2ZvBF9TAzk3MzU5NzE0BGdycElkAzI3Njk0NgRncnBzcElkAzE3MDUwMzQ2OTAEc2VjA2Z0cgRzbGsDbnRwYwRzdGltZQMxMjYxNTk5NjMz>
>
> MARKETPLACE
>
> Going Green: Your Yahoo! Groups resource for green living
> <http://us.ard.yahoo.com/SIG=14konf2oo/M=493064.13814333.13821539.13298430/D=groups/S=1705034690:MKP1/Y=YAHOO/EXP=1261606833/L=/B=sZqPbUPDhE4-/J=1261599633220390/K=Q5lXxysY.Sd6u3znY80JrA/A=5922843/R=0/SIG=11ckn2mo6/*http://advision.webevents.yahoo.com/green/>
>
> ---------------------------------------------------------------------
> Mom Power: Discover the community of moms doing more for their
> families, for the world and for each other
> <http://us.ard.yahoo.com/SIG=14ktk266g/M=493064.13814537.13821737.10835568/D=groups/S=1705034690:MKP1/Y=YAHOO/EXP=1261606833/L=/B=spqPbUPDhE4-/J=1261599633220390/K=Q5lXxysY.Sd6u3znY80JrA/A=5697381/R=0/SIG=11eaa5dke/*http://groups.yahoo.com/group/mompowergroup/>
>
> Yahoo! Groups
> <http://groups.yahoo.com/;_ylc=X3oDMTJjcGFkMmowBF9TAzk3MzU5NzE0BGdycElkAzI3Njk0NgRncnBzc

ElkAzE3MDUwMzQ2OTAEc2VjA2Z0cgRzbGsDZ2ZwBHN0aW1lAzEyNjE1OTk2MzM->
>
> Switch to: Text-Only
> <mailto:T-368_BC-610-traditional@yahoogroups.com?subject=Change%20Delivery%20Format:%20T
raditional>,
> Daily Digest
> <mailto:T-368_BC-610-digest@yahoogroups.com?subject=Email%20Delivery:%20Digest>
> . Unsubscribe
> <mailto:T-368_BC-610-unsubscribe@yahoogroups.com?subject=Unsubscribe>
> . Terms of Use <http://docs.yahoo.com/info/terms/>
> .
>

[Non-text portions of this message have been removed]

# 4081. Happy Holidays from England

Yahoo group: T-368_BC-610
Date: 2009-12-24 16:47:43 UTC
From: m1fdz
Topic: 4081  Message: 4081

Happy holidays from England & best wishes for 2010
something to entertain everyone. spot the transmitter!

http://en.tackfilm.se/?id=1261669133578RA25

73 Max M0GHQ/KJ4ISS

# 4082. Re: Happy Holidays from England

Yahoo group: T-368_BC-610
Date: 2009-12-25 12:32:09 UTC
From: Roger Basford
Topic: 4081  Message: 4082

Happy Xmas, Max! Glad to see you've finally got the recognition you deserve! New Year's Honours List next, perhaps?

73 for 2010,

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "m1fdz" <M1FDZ@...> wrote:
>
> Happy holidays from England & best wishes for 2010
> something to entertain everyone. spot the transmitter!
>
> http://en.tackfilm.se/?id=1261669133578RA25
>
> 73 Max M0GHQ/KJ4ISS
>

# 4083. Re: [T-368_BC-610] Re: Happy Holidays from England

Yahoo group: T-368_BC-610
Date: 2009-12-25 13:27:46 UTC
From: Alan Morriss
Topic: 4081  Message: 4083

happy christmas to everyone. alan g4gen
----- Original Message -----
From: Roger Basford
To: T-368_BC-610@yahoogroups.com
Sent: Friday, December 25, 2009 12:32 PM
Subject: [T-368_BC-610] Re: Happy Holidays from England

Happy Xmas, Max! Glad to see you've finally got the recognition you deserve! New Year's Honours List next, perhaps?

73 for 2010,

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "m1fdz" <M1FDZ@...> wrote:
>
> Happy holidays from England & best wishes for 2010
> something to entertain everyone. spot the transmitter!
>
> http://en.tackfilm.se/?id=1261669133578RA25
>
> 73 Max M0GHQ/KJ4ISS
>

[Non-text portions of this message have been removed]

# 4084. O.E.S Dictionary entry for the word "suck"

Yahoo group: T-368_BC-610
Date: 2009-12-26 06:01:16 UTC
From: Mark Foltarz
Topic: 4084  Message: 4084

From O.E.S Dictionary ( Obsoloete Electronics Syndrome )
Main Entry:  suck
Function: verb
Etymology: Middle English suken, from Old English sucan; akin to Old High German sugan to suck, Latin sugere
Date: before 12th century
transitive verb
1 : To replace the damn paper caps underneath of a BC-610-E or similar gear.
 e.g. :  "Replacing those leaky .002 & .006 ufd  caps really sucks."

de KA4JVY

Mark

# 4085. RE: [T-368_BC-610] BC-610 Registry NOW as a Yahoo Database

Yahoo group: T-368_BC-610
Date: 2009-12-29 02:44:09 UTC
From: Dave Trainor
Topic: 4066  Message: 4085

Please add my 2 units to the registry:

BC-610-I - Serial 635 - Order 3357-PHILA-52 - Manufacturer Hallicrafters
(This unit is almost restored and will be on the air soon)

BC-614-E - Serial 1433 - Order 15127-PHILA-43 - Manufacturer Detrola
Corporation (restored and tested)

BC-939-B - Serial 380 - Order 19624-PHILA-50 - Manufacturer Barker and
Williamson

BC-610-I - Serial 798 - Order 3357-PHILA-52 - Manufacturer Hallicrafters
(as-found, un-restored, needs HV filament transformer at minimum, but
all there otherwise)

Thanks Bob for taking the list and keeping it up to date.

73 - Dave N8ZFM

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
On Behalf Of rbethman
Sent: Friday, December 11, 2009 6:05 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] BC-610 Registry NOW as a Yahoo Database

Okay folks!

Check your entry(s). Changes/additions/deletions?

E-mail <rbethman@... <mailto:rbethman%40comcast.net> > direct.

Bob - N0DGN

[Non-text portions of this message have been removed]

# 4086. E model in the home stretch

Yahoo group: T-368_BC-610
Date: 2009-12-29 04:38:37 UTC
From: Mark Foltarz
Topic: 4086  Message: 4086

Well I am happy to say that the RF deck survived the recapping and has come to life.

Even enough power to light a 25 watt incandescent lamp off  C15.

The bias supply test good also.

Now to wire in a variac and bring up some HV.

The old monster may be up by the end of the year.

The speech amp has been recapped and awaits testing.

Besides desperately needing a paint job,  the 610 needs a back cover and an ID plate.

If someone has a spare back cover willing to sell and ship please advise.

Also need an E model id plate.

tnx

de KA4JVY

# 4087. Re: [T-368_BC-610] BC-610 Registry NOW as a Yahoo Database

Yahoo group: T-368_BC-610
Date: 2009-12-29 16:27:16 UTC
From: rbethman
Topic: 4066  Message: 4087

Dave,

You are in!

Bob - N0DGN

Dave Trainor wrote:
>
>
> Please add my 2 units to the registry:
>
> BC-610-I - Serial 635 - Order 3357-PHILA-52 - Manufacturer Hallicrafters
> (This unit is almost restored and will be on the air soon)
>
> BC-614-E - Serial 1433 - Order 15127-PHILA-43 - Manufacturer Detrola
> Corporation (restored and tested)
>
> BC-939-B - Serial 380 - Order 19624-PHILA-50 - Manufacturer Barker and
> Williamson
>
> BC-610-I - Serial 798 - Order 3357-PHILA-52 - Manufacturer Hallicrafters
> (as-found, un-restored, needs HV filament transformer at minimum, but
> all there otherwise)
>
> Thanks Bob for taking the list and keeping it up to date.
>
> 73 - Dave N8ZFM
>

[Non-text portions of this message have been removed]

# 4088. Re: [T-368_BC-610] BC-610 Registry NOW as a Yahoo Database

Yahoo group: T-368_BC-610
Date: 2009-12-29 16:30:29 UTC
From: rbethman
Topic: 4066  Message: 4088

Dave - It was a "temporary insanity" moment of weakness!

However, owning two of them myself, I felt it was just my obligation as
well as anyone else's to pick it up an carry on.

They are indeed part of our history.

Bob - N0DGN

Dave Trainor wrote:
>
>
>
>
> Thanks Bob for taking the list and keeping it up to date.
>
> 73 - Dave N8ZFM
>

[Non-text portions of this message have been removed]

# 4089. T-368 connector needed

Yahoo group: T-368_BC-610
Date: 2010-01-01 19:33:56 UTC
From: Frank J. Mercurio
Topic: 4089  Message: 4089

Happy New Year to all!

I am looking for the cabinet mount remote control connector "J12" (9 pin female) and its mating male connector for my T-368! Any help, even just the connector part number ID, would be appreciated!

Thanks,
Frank, W9FM

# 4090. Re: [T-368_BC-610] T-368 connector needed

Yahoo group: T-368_BC-610
Date: 2010-01-01 19:46:49 UTC
From: Mark Foltarz
Topic: 4089  Message: 4090

Fair Radio has 'em

>
>From: Frank J. Mercurio <w9fm@...>
>To: T-368_BC-610@yahoogroups.com
>Sent: Fri, January 1, 2010 2:33:56 PM
>Subject: [T-368_BC-610] T-368 connector needed
>
>
>Happy New Year to all!
>
>I am looking for the cabinet mount remote control connector "J12" (9 pin
>female) and its mating male connector for my T-368! Any help, even
>just the connector part number ID, would be appreciated!
>
>Thanks,
>Frank, W9FM
>
>

[Non-text portions of this message have been removed]

# 4091. Re: [T-368_BC-610] T-368 connector needed

Yahoo group: T-368_BC-610
Date: 2010-01-01 20:30:04 UTC
From: wa5cab@cs.com
Topic: 4089  Message: 4091

Frank,

The chassis connector Franks part number is UW2020FB00 (Amphenol 164-101-3). The cable male is UW1220MBnn or UW1320MBnn. Where "nn" is the rated cable jacket diameter in 32nds of an inch. Choices are usually 13, 15, 17 and 21. The 1220 is the "Dogbone" style body and the 1320 is the "Cathredral" style. The dogbone type requires a special 3-pin or 4-pin spanner to disassemble and assemble. The cathedral type only requires a screwdriver. Both need an open-end wrench for the cable gland.

There is also an Amphenol part number for the cable ones but they are longer and make less sense than the Franks numbers.

I have three of the chassis ones (Amphenol) Used, Good, $12.50. All I have for the cable end is one UW1220MB17 $15.00. It is actually mismarked as an MA13. I think someone needed a 4-pin or something but in a different body. And I swapped parts around. If you'd rather have the cathedral body, I might be able to transplant the insert.

Another possible source if none of the above appeals to you is Bill Perry (William Perry Co.), 502-893-8724.

In a message dated 1/1/2010 1:38:03 PM Central Standard Time,
w9fm@... writes:
> Happy New Year to all!
>
> I am looking for the cabinet mount remote control connector "J12" (9 pin
> female) and its mating male connector for my T-368! Any help, even
> just the connector part number ID, would be appreciated!
>
> Thanks,
> Frank, W9FM

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4092. Wanted - TM 11-5820-258-35P (T-368 Parts List)

Yahoo group: T-368_BC-610
Date: 2010-01-10 17:47:02 UTC
From: wa5cab@cs.com
Topic: 4092  Message: 4092

Has anyone ever come across this? It's the parts list for the T-368. Or there may (probably) have been an earlier SIG 7 & 8 - T368. I have the Depot manual (and the others) but have never seen even a poor copy of the parts list.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4093. T-368 on Usenet

Yahoo group: T-368_BC-610
Date: 2010-01-11 16:58:17 UTC
From: Roger Basford
Topic: 4093  Message: 4093

Hi All,

Don't know if any of you take rec.radio.amateur.boatanchors on Usenet, but someone in Virginia called "FCC" <jimo@...> is advertising a T-368 at "$2 a pound". Too far away for me unfortunately!

73

Roger/G3VKM - Norfolk, England

# 4094. RE: [T-368_BC-610] T-368 on Usenet

Yahoo group: T-368_BC-610
Date: 2010-01-12 00:29:26 UTC
From: John Page
Topic: 4093  Message: 4094

That would be pretty expensive for a T-368

John Page K4KWM Hollow State since 1953 (ex W8PKU,N8BLB,NA8O)

To: T-368_BC-610@yahoogroups.com
From: Roger@...
Date: Mon, 11 Jan 2010 16:58:17 +0000
Subject: [T-368_BC-610] T-368 on Usenet

Hi All,

Don't know if any of you take rec.radio.amateur.boatanchors on Usenet, but someone in Virginia called "FCC" <jimo@...> is advertising a T-368 at "$2 a pound". Too far away for me unfortunately!

73

Roger/G3VKM - Norfolk, England

_____
Your E-mail and More On-the-Go. Get Windows Live Hotmail Free.
http://clk.atdmt.com/GBL/go/196390709/direct/01/

[Non-text portions of this message have been removed]

# 4095. BC-620-E wanted in Idaho

Yahoo group: T-368_BC-610
Date: 2010-02-02 02:49:34 UTC
From: wa5cab@cs.com
Topic: 4095  Message: 4095

Group,

I had an inquiry tonight from an old customer/friend in Wendell, ID. He has acquired an HO-17 and he says most of the proper contents but lacks the BC-610-E and some of the associated bits. If anyone knows of an -E model available within reasonable radius of Wendell, please let me know. I actually have one, but it's a long long way from here to Wendell!

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4096. Re: [T-368_BC-610] BC-620-E wanted in Idaho

Yahoo group: T-368_BC-610
Date: 2010-02-02 03:02:12 UTC
From: wa5cab@cs.com
Topic: 4095  Message: 4096

Talk about embarassing - Subject should read "BC-610-E".

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4097. Re: [T-368_BC-610] BC-610-E wanted in Idaho

Yahoo group: T-368_BC-610
Date: 2010-02-02 03:03:26 UTC
From: wa5cab@cs.com
Topic: 4097  Message: 4097

Maybe 3rd time I'll get it right. Grrr...

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4098. T368E comes on and gets installed. Number 379

Yahoo group: T-368_BC-610
Date: 2010-02-11 00:43:29 UTC
From: ke7trp
Topic: 4098  Message: 4098

Here is my T368 transmitter. Lots of trouble with this one. Mainly Speech amp and Screen supply. Now fixed and working 100%.

I made a harness for J12 with PTT, Mute and 600 ohm audio input from my audio rack. I can also run the working Carbon mic for fun.

I ran the AM transmitter rally with this unit for 16 hours. I made 61 QSO's on it on Saturday on 4 bands. Not bad. The unit seems very reliable now. Audio bandwidth is about 80 to 10K now. Sounds very nice on the air.

The Blower motor for the 400 was shot. I found a local company A1 electric in PHX AZ to rebuild it. They did a WONDERFULL job on the overhaul. They even repainted it back to the original color. Its smooth and makes almost no noise. The cost was $45!

The RXer is an SP600 JX14.

The cat is Sophia :)

This unit is a BW built E model with serial 379 on the tag. I dont know how to add it to the database but I would like it listed.

Here are the pictures I uploaded.

http://xa.yimg.com/kq/groups/276946/sn/776059093/name/Photo_020110_009.j\
pg
<http://xa.yimg.com/kq/groups/276946/sn/776059093/name/Photo_020110_009.\
jpg>

http://xa.yimg.com/kq/groups/276946/sn/1583295677/name/Photo_020110_008.\
jpg
<http://xa.yimg.com/kq/groups/276946/sn/1583295677/name/Photo_020110_008\
.jpg>

Clark Turner

KE7TRP

[Non-text portions of this message have been removed]

# 4099. Re: [T-368_BC-610] T368E comes on and gets installed. Number 379

Yahoo group: T-368_BC-610
Date: 2010-02-11 01:42:50 UTC
From: Todd, KA1KAQ
Topic: 4098  Message: 4099

On Wed, Feb 10, 2010 at 7:43 PM, ke7trp <Clark@...> wrote:

> 
> 
> 
> Here is my T368 transmitter. Lots of trouble with this one. Mainly
> Speech amp and Screen supply. Now fixed and working 100%.
> 
> I made a harness for J12 with PTT, Mute and 600 ohm audio input from my
> audio rack. I can also run the working Carbon mic for fun.
> 
> I ran the AM transmitter rally with this unit for 16 hours. I made 61
> QSO's on it on Saturday on 4 bands. Not bad. The unit seems very
> reliable now. Audio bandwidth is about 80 to 10K now. Sounds very nice
> on the air.
> 

Good job, Clark. Steve and I heard you pretty well in Williamsburg VA Saturday night, I think Steve was at the mic then. We were running W3Z.

Sounds like you have a couple of solid rigs there now for AM use. Hope to hear more of you as the season progresses. My T-3 is still waiting in the queue with a HV short.

~ Todd, KA1KAQ/4

[Non-text portions of this message have been removed]

# 4100. FS: BC-610 Package

Yahoo group: T-368_BC-610
Date: 2010-02-23 15:13:13 UTC
From: John Poulton
Topic: 4100  Message: 4100

After considerable soul-searching, I've decided it may be time to part with my BC-610--it's been sitting a long time waiting patiently to be brought back to life, but there are a lot of other projects also waiting, and life's short!

This unit is a BC-610E. It's in pretty decent, though somewhat filthy, condition. A good cleaning may be all that's required to bring it back to working order. The "meter" face for the PA tuning will need to be replaced, but I have a NOS one. Other than that it appears not to have been molested and is complete.

I'd like $2000 for the transmitter. Now, before you gag, or bust out laughing, consider that this is a *package*. Along with the transmitter, I also have:

- A fairly good BC-614 speech amp, and a couple of nasty ones that could serve either as parts donors or restoration candidates
- A pretty nice BC-939 tuner--I believe this tuner may have been original with the transmitter--it's complete and appears unmolested
- Bunch of fixed vacuum caps and other spares (if I can find them!)
- Spare mod and power transformers
- A NOS 250TH in its springy thingy, perhaps a dozen or so 100TH's, and (drum roll) a pair of NOS RCA 2A3's.
- Dozens of PA coils, many in very nice shape, including the somewhat rare 160M one
- Dozens of Tuning Units in a variety of frequencies, enough to fill 2 large plastic bins
- Several hundred crystals, some of which are actually in ham bands!
- The rarum/unobtainium octal-connectorized cable, BC-614 - BC-610
- Several original manuals
- Probably other stuff I've collected and forgotten about; I've been grabbing BC-610-related stuff at hamfests for 10 years

If there's any interesting in this package, please let me know privately and I'll take pix of the equipment for you. This would be, needless to say, pickup only in Chapel Hill, NC. And, no, I won't sell individual items; the whole lot needs to go!

73, John K4OZY

--

# 4102. Re: [T-368_BC-610] FS: BC-610 Package

Yahoo group: T-368_BC-610
Date: 2010-02-23 17:12:53 UTC
From: John Poulton
Topic: 4100  Message: 4102

You bet! It may be a day or two, but I'll get back to you on this, for sure.

73, John K4OZY

On Tue, 23 Feb 2010, n2xd wrote:

>
>
> John,
>     I'm interested in the 610 package.Could you please send pictures if possible.Thanks.
>
> John N2XD  (Lugoff,SC)
>  John Chmielewski
>
> (803)408-2870
>
> _____
> From: John Poulton <jp@...>
> To: T-368_BC-610@yahoogroups.com
> Sent: Tue, February 23, 2010 10:13:13 AM
> Subject: [T-368_BC-610] FS: BC-610 Package
>
>
> After considerable soul-searching, I've decided it may be time to part
> with my BC-610--it's been sitting a long time waiting patiently to be
> brought back to life, but there are a lot of other projects also waiting,
> and life's short!
>
> This unit is a BC-610E. It's in pretty decent, though somewhat filthy,
> condition. A good cleaning may be all that's required to bring it back
> to working order. The "meter" face for the PA tuning will need to be
> replaced, but I have a NOS one. Other than that it appears not to have
> been molested and is complete.
>
> I'd like $2000 for the transmitter. Now, before you gag, or bust out laughing,
> consider that this is a *package*. Along with the transmitter, I also have:
>
> - A fairly good BC-614 speech amp, and a couple of nasty ones that could serve either
> as parts donors or restoration candidates
> - A pretty nice BC-939 tuner--I believe this tuner may have been original with
> the transmitter- -it's complete and appears unmolested
> - Bunch of fixed vacuum caps and other spares (if I can find them!)
> - Spare mod and power transformers
> - A NOS 250TH in its springy thingy, perhaps a dozen or so 100TH's, and (drum
> roll) a pair of NOS RCA 2A3's.
> - Dozens of PA coils, many in very nice shape, including the somewhat rare 160M one

> - Dozens of Tuning Units in a variety of frequencies, enough to fill 2 large
> plastic bins
> - Several hundred crystals, some of which are actually in ham bands!
> - The rarum/unobtainium octal-connectorized cable, BC-614 - BC-610
> - Several original manuals
> - Probably other stuff I've collected and forgotten about; I've been
> grabbing BC-610-related stuff at hamfests for 10 years
>
> If there's any interesting in this package, please let me know privately and
> I'll take pix of the equipment for you. This would be, needless to say,
> pickup only in Chapel Hill, NC. And, no, I won't sell individual items; the
> whole lot needs to go!
>
> 73, John K4OZY
>
> --
>
> [Non-text portions of this message have been removed]
>
>
>
>

[Non-text portions of this message have been removed]

# 4103. Re: [T-368_BC-610] FS: BC-610 Package

Yahoo group: T-368_BC-610
Date: 2010-02-23 17:27:47 UTC
From: John Poulton
Topic: 4100  Message: 4103

Arghh! sorry for the mis-sent email!

On Tue, 23 Feb 2010, John Poulton wrote:

>
>
> You bet! It may be a day or two, but I'll get back to you on this, for sure.
>
...

[Non-text portions of this message have been removed]

# 4104. Re: FS: BC-610 Package.. SOLD

Yahoo group: T-368_BC-610
Date: 2010-02-23 17:19:48 UTC
From: John Poulton
Topic: 4100  Message: 4104

The BC-610 package is sold, much to my surprise!

73, John

# 4105. RE: [T-368_BC-610] Re: FS: BC-610 Package.. SOLD

Yahoo group: T-368_BC-610
Date: 2010-02-23 18:16:46 UTC
From: Tom Bridgers
Topic: 4100  Message: 4105

Hey JP!

Congratulations ... that's incredible. Guess I'll put mine up for sale next and see if I have someone grab mine as quickly as yours.

Best,

-Tom

To: T-368_BC-610@yahoogroups.com
From: jp@...
Date: Tue, 23 Feb 2010 12:19:48 -0500
Subject: [T-368_BC-610] Re: FS: BC-610 Package.. SOLD

The BC-610 package is sold, much to my surprise!

73, John

[Non-text portions of this message have been removed]

# 4106. RE: [T-368_BC-610] Re: FS: BC-610 Package.. SOLD

Yahoo group: T-368_BC-610
Date: 2010-02-23 18:30:04 UTC
From: John Poulton
Topic: 4100  Message: 4106

Could happen, Tom. My transmitter just happened to come with a HUGE
pile of goodies, and I'm sure that helped. You doing ok? Did you
ever get up with Doug Massey re R-390's? I met him 2 weeks ago.. a
really nice guy, very knowledgeable, and a *deft* hand at restoration.
He had an R-390A on his bench that positively *gleams* and worked
beautifully... You guys definitely need to talk.. :)

Cheers,
jp

On Tue, 23 Feb 2010, Tom Bridgers wrote:

>
> Hey JP!
>
> Congratulations ... that's incredible. Guess I'll put mine up for sale next and see if I
have someone grab mine as quickly as yours.
>
> Best,
>
> -Tom
>
>
>
>
>
> To: T-368_BC-610@yahoogroups.com
> From: jp@...
> Date: Tue, 23 Feb 2010 12:19:48 -0500
> Subject: [T-368_BC-610] Re: FS: BC-610 Package.. SOLD
>
>
>
>
>
> The BC-610 package is sold, much to my surprise!
>
> 73, John
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>

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> ------------------------------------
>
> Yahoo! Groups Links
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# 4107. Continuing bogus posts

Yahoo group: T-368_BC-610
Date: 2010-02-23 18:44:27 UTC
From: John Poulton
Topic: 4100  Message: 4107

Again, appologies. New mailer...

73, John

On Tue, 23 Feb 2010, John Poulton wrote:

>
>
> Could happen, Tom. My transmitter just happened to come with a HUGE
> pile of goodies, and I'm sure that helped. You doing ok? Did you
> ever get up with Doug Massey re R-390's? I met him 2 weeks ago.. a
> really nice guy, very knowledgeable, and a *deft* hand at restoration.
> He had an R-390A on his bench that positively *gleams* and worked
> beautifully... You guys definitely need to talk.. :)
>
> Cheers,
> jp
>
> On Tue, 23 Feb 2010, Tom Bridgers wrote:
>
> >
> > Hey JP!
> >
> > Congratulations ... that's incredible. Guess I'll put mine up for sale next and see if
I have
> someone grab mine as quickly as yours.
> >
> > Best,
> >
> > -Tom
> >
> >
> >
> >
> >
> > To: T-368_BC-610@yahoogroups.com
> > From: jp@cs.unc.edu
> > Date: Tue, 23 Feb 2010 12:19:48 -0500
> > Subject: [T-368_BC-610] Re: FS: BC-610 Package.. SOLD
> >
> >
> >
> >
> >
> >
> > The BC-610 package is sold, much to my surprise!
> >

> > 73, John
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
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> > Yahoo! Groups Links
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>

[Non-text portions of this message have been removed]

# 4108. Re: [T-368_BC-610] FS: BC-610 Package

Yahoo group: T-368_BC-610
Date: 2010-02-23 17:55:22 UTC
From: Alan Morriss
Topic: 4100  Message: 4108

well, i reckon that is a pretty good deal for $2000. i wish you were over here ! alan g4gen
----- Original Message -----
From: John Poulton
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, February 23, 2010 3:13 PM
Subject: [T-368_BC-610] FS: BC-610 Package

After considerable soul-searching, I've decided it may be time to part
with my BC-610--it's been sitting a long time waiting patiently to be
brought back to life, but there are a lot of other projects also waiting,
and life's short!

This unit is a BC-610E. It's in pretty decent, though somewhat filthy,
condition. A good cleaning may be all that's required to bring it back
to working order. The "meter" face for the PA tuning will need to be
replaced, but I have a NOS one. Other than that it appears not to have
been molested and is complete.

I'd like $2000 for the transmitter. Now, before you gag, or bust out laughing,
consider that this is a *package*. Along with the transmitter, I also have:

- A fairly good BC-614 speech amp, and a couple of nasty ones that could serve either
as parts donors or restoration candidates
- A pretty nice BC-939 tuner--I believe this tuner may have been original with
the transmitter--it's complete and appears unmolested
- Bunch of fixed vacuum caps and other spares (if I can find them!)
- Spare mod and power transformers
- A NOS 250TH in its springy thingy, perhaps a dozen or so 100TH's, and (drum
roll) a pair of NOS RCA 2A3's.
- Dozens of PA coils, many in very nice shape, including the somewhat rare 160M one
- Dozens of Tuning Units in a variety of frequencies, enough to fill 2 large
plastic bins
- Several hundred crystals, some of which are actually in ham bands!
- The rarum/unobtainium octal-connectorized cable, BC-614 - BC-610
- Several original manuals
- Probably other stuff I've collected and forgotten about; I've been
grabbing BC-610-related stuff at hamfests for 10 years

If there's any interesting in this package, please let me know privately and
I'll take pix of the equipment for you. This would be, needless to say,
pickup only in Chapel Hill, NC. And, no, I won't sell individual items; the
whole lot needs to go!

73, John K4OZY

--

[Non-text portions of this message have been removed]

# 4109. Fw: b40

Yahoo group: T-368_BC-610
Date: 2010-02-25 11:44:15 UTC
From: Alan Morriss
Topic: 4109  Message: 4109

----- Original Message -----
From: Military1944@...
To: mohawk@...
Sent: Tuesday, February 23, 2010 10:20 PM
Subject: Re: b40

In a message dated 23/02/2010 21:34:28 GMT Standard Time, mohawk@... writes:
hello ben, do you know what kind of mains plug the murphy b40 uses? there was a query from the states on the bc 610 site alan
---

Don't know what's its called, but would know it on sight.

They are 3 pin, with outer locking screw collar.

Ben.

[Non-text portions of this message have been removed]

# 4110. Fw: [VMARS-Member] connector

Yahoo group: T-368_BC-610
Date: 2010-02-26 11:00:36 UTC
From: Alan Morriss
Topic: 4110  Message: 4110

----- Original Message -----
From: geoffg7rmg@...
To: VMARS-Member@yahoogroups.com
Sent: Friday, February 26, 2010 9:31 AM
Subject: Re: [VMARS-Member] connector

Hello Alan,

I think its the same as found on a Racal RA17,Hartley 13 'scope etc etc mains input....
just looked its seems the same plus I have always referred to it as a Plessey connector.

best regards from a sunny Blandford (at the moment)

Geoff M0RMG

[Non-text portions of this message have been removed]

# 4111. Anyone have a solution for missing T368 allen chassis bolts and components?

Yahoo group: T-368_BC-610
Date: 2010-02-27 04:50:29 UTC
From: ke7trp
Topic: 4111  Message: 4111

My T368 is missing 3 large allen bolts that mount the Drawers into the chassis. I found a source for the bolts. But I do not have a source for the Threaded "captive" nuts that push into the chassis.

Any help would be great.

Clark

# 4112. Re: [T-368_BC-610] Anyone have a solution for missing T368 allen chassis bolt...

Yahoo group: T-368_BC-610
Date: 2010-02-27 05:37:26 UTC
From: wa5cab@cs.com
Topic: 4112  Message: 4112

Clark,

I don't have a T-368 to look at to see which flavor of captive nuts were used. But McMaster.com would be a good place to look. When I was converting/restoring my 40 KW Onan I needed a bunch of the type where the nut is square, with a sheet metal frame wrapped around it, and that fit into a square hole. That's where I found them. Note that that type are made for various panel thickness ranges. I'm not sure what other types McMaster might have.

In a message dated 2/26/2010 10:56:38 PM Central Standard Time,
Clark@... writes:
> My T368 is missing 3 large allen bolts that mount the Drawers into the
> chassis. I found a source for the bolts. But I do not have a source for the
> Threaded "captive" nuts that push into the chassis.
>
> Any help would be great.
>
> Clark
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4113. Re: [T-368_BC-610] Anyone have a solution for missing T368 allen chassis bolt...

Yahoo group: T-368_BC-610
Date: 2010-02-27 06:28:01 UTC
From: ROLYNN PRECHTL K7DFW
Topic: 4112  Message: 4113

> But I do not have a source for the Threaded "captive" nuts that push into the chassis.
==========

I don't have a 368 but this sounds like it could be a PEM Nut from PennEngineering.
http://www.pemnet.com/

www.mcmaster.com/
Search Pem nut which shows Pem style captive nuts.

K7DFW

...-.-

# 4114. Re: Anyone have a solution for missing T368 allen chassis bolt...

Yahoo group: T-368_BC-610
Date: 2010-02-27 14:27:33 UTC
From: ke7trp
Topic: 4112  Message: 4114

They all show the round type of captive nut. I have now searched for hours. This is a simple square hole in the chassis. The problem is that we dont know what this nut is called.

PEM nuts are round on the diagram
Captive nuts are round.
Expansion nuts look to be right but they dont have a nut, Its just sheet metal.. That wont hold.

If anyone has any ideas let me know!

Thanks!

Clark

--- In T-368_BC-610@yahoogroups.com, "ROLYNN PRECHTL K7DFW" <k7dfw@...> wrote:
>
>
> > But I do not have a source for the Threaded "captive" nuts that push into
> the chassis.
> ==========
>
> I don't have a 368 but this sounds like it could be a PEM Nut from
> PennEngineering.
> http://www.pemnet.com/
>
>
> www.mcmaster.com/
> Search Pem nut which shows Pem style captive nuts.
>
>
> K7DFW
>
>
> ..._._
>

# 4115. Re: [T-368_BC-610] Anyone have a solution for missing T368 allen chassis bolts and components?

Yahoo group: T-368_BC-610
Date: 2010-02-27 15:59:49 UTC
From: Frank J. Mercurio
Topic: 4111  Message: 4115

Clark,

where did you find the bolts? I need 2 or 3!

Thanks, Frank W9FM

ke7trp wrote:
>
> My T368 is missing 3 large allen bolts that mount the Drawers into the
> chassis. I found a source for the bolts. But I do not have a source
> for the Threaded "captive" nuts that push into the chassis.
>
> Any help would be great.
>
> Clark
>
>

# 4116. Re: [T-368_BC-610] Re: Anyone have a solution for missing T368 allen chassis ...

Yahoo group: T-368_BC-610
Date: 2010-02-27 16:12:39 UTC
From: wa5cab@cs.com
Topic: 4116  Message: 4116

It took a little digging (I used most of those I bought and didn't have an original box to look up the part number on). They are called "clip-on" nuts. Go to <http://www.mcmaster.com/#square-style-nuts/=601iec>.

In a message dated 2/27/2010 8:28:01 AM Central Standard Time,
Clark@... writes:
> They all show the round type of captive nut. I have now searched for
> hours. This is a simple square hole in the chassis. The problem is that we
> dont know what this nut is called.
>
> PEM nuts are round on the diagram
> Captive nuts are round.
> Expansion nuts look to be right but they dont have a nut, Its just sheet
> metal.. That wont hold.
>
> If anyone has any ideas let me know!
>
> Thanks!
>
> Clark
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4117. FS: BC-939-B Antenna Tuner

Yahoo group: T-368_BC-610
Date: 2010-02-27 17:14:04 UTC
From: John Poulton
Topic: 4117  Message: 4117

I have a nice BC-939-B Antenna Tuner for sale. It's gray in color (matches the scheme on most T-368's), built by Barker & Williamson, S/N 98. Condition is good, though not perfect. Paint scrapes and chips on cabinet. Front panel quite good. Operational condition unknown, but these things seem fairly bullet-proof.

Will deliver to any North Carolina hamfest or to Dayton, or pickup in Chapel Hill, NC. Really, truly, seriously, prefer not to ship! Asking $400. Be happy to send pix to anyone interested.

73, John K4OZY

# 4118. Re: [T-368_BC-610] Re: Anyone have a solution for missing T368 allen chassis ...

Yahoo group: T-368_BC-610
Date: 2010-02-27 17:50:58 UTC
From: Joe Foley
Topic: 4116  Message: 4118

Be very careful with the bolt length!

The wiring harness is right behind where the bolt goes.

Joe

--- On Sat, 2/27/10, wa5cab@... <wa5cab@cs.com> wrote:

From: wa5cab@... <wa5cab@...>
Subject: Re: [T-368_BC-610] Re: Anyone have a solution for missing T368 allen chassis ...
To: T-368_BC-610@yahoogroups.com
Date: Saturday, February 27, 2010, 11:12 AM

It took a little digging (I used most of those I bought and didn't have an

original box to look up the part number on). They are called "clip-on"

nuts. Go to <http://www.mcmaster .com/#square- style-nuts/ =601iec>.

In a message dated 2/27/2010 8:28:01 AM Central Standard Time,

Clark@clarkturner. com writes:

> They all show the round type of captive nut. I have now searched for

> hours. This is a simple square hole in the chassis. The problem is that we

> dont know what this nut is called.

>

> PEM nuts are round on the diagram

> Captive nuts are round.

> Expansion nuts look to be right but they dont have a nut, Its just sheet

> metal.. That wont hold.

>

> If anyone has any ideas let me know!

>

> Thanks!

>

> Clark

>

Robert Downs - Houston

wa5cab dot com (Web Store)

MVPA 9480

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4119. Re: [T-368_BC-610] FS: BC-610 Package

Yahoo group: T-368_BC-610
Date: 2010-02-27 18:43:57 UTC
From: Larry Godek
Topic: 4100  Message: 4119

Was that the one we found out in the barn up in Montana?

--- On Tue, 2/23/10, Alan Morriss <mohawk@...> wrote:

From: Alan Morriss <mohawk@clara.co.uk>
Subject: Re: [T-368_BC-610] FS: BC-610 Package
To: T-368_BC-610@yahoogroups.com
Date: Tuesday, February 23, 2010, 10:55 AM

well, i reckon that is a pretty good deal for $2000. i wish you were over here ! alan g4gen

----- Original Message -----

From: John Poulton

To: T-368_BC-610@ yahoogroups. com

Sent: Tuesday, February 23, 2010 3:13 PM

Subject: [T-368_BC-610] FS: BC-610 Package

After considerable soul-searching, I've decided it may be time to part

with my BC-610--it's been sitting a long time waiting patiently to be

brought back to life, but there are a lot of other projects also waiting,

and life's short!

This unit is a BC-610E. It's in pretty decent, though somewhat filthy,

condition. A good cleaning may be all that's required to bring it back

to working order. The "meter" face for the PA tuning will need to be

replaced, but I have a NOS one. Other than that it appears not to have

been molested and is complete.

I'd like $2000 for the transmitter. Now, before you gag, or bust out laughing,

consider that this is a *package*. Along with the transmitter, I also have:

- A fairly good BC-614 speech amp, and a couple of nasty ones that could serve either

as parts donors or restoration candidates

- A pretty nice BC-939 tuner--I believe this tuner may have been original with

the transmitter- -it's complete and appears unmolested

- Bunch of fixed vacuum caps and other spares (if I can find them!)

- Spare mod and power transformers

- A NOS 250TH in its springy thingy, perhaps a dozen or so 100TH's, and (drum roll) a pair of NOS RCA 2A3's.

- Dozens of PA coils, many in very nice shape, including the somewhat rare 160M one

- Dozens of Tuning Units in a variety of frequencies, enough to fill 2 large plastic bins

- Several hundred crystals, some of which are actually in ham bands!

- The rarum/unobtainium octal-connectorized cable, BC-614 - BC-610

- Several original manuals

- Probably other stuff I've collected and forgotten about; I've been grabbing BC-610-related stuff at hamfests for 10 years

If there's any interesting in this package, please let me know privately and I'll take pix of the equipment for you. This would be, needless to say, pickup only in Chapel Hill, NC. And, no, I won't sell individual items; the whole lot needs to go!

73, John K4OZY

--

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4120. Re: [T-368_BC-610] Re: Anyone have a solution for missing T368 allen chassis

Yahoo group: T-368_BC-610
Date: 2010-02-27 20:04:08 UTC
From: bflattrmpt@aol.com
Topic: 4120  Message: 4120

I measured my bolts, clip on nuts and panel thickness on my T-368A. As best as I can tell, it measures 3/8 - 16 with a panel thickness of .125". Therefore it would be McMaster-Carr's part number 90680A156 for $7.65 for a box of 10. My T-368 needs two so I place the order Thanks for the tip.
Dave KA2J

[Non-text portions of this message have been removed]

# 4121. Re: [T-368_BC-610] Re: Anyone have a solution for missing T368 allen chassis

Yahoo group: T-368_BC-610
Date: 2010-02-27 20:17:38 UTC
From: wa5cab@cs.com
Topic: 4120  Message: 4121

You're welcome. They install from the rear. To install, you need a small pair of parallel jaw pliers (AKA Channel-Lock). Adjust the pliers to the channel next larger than the width of the relaxed spring hooks. Squeeze the two hooks together with the pliers, push into the hole, and release. You can also install with a thin blade screwdriver but that requires considerable clearance to one side of the hole. If for some reason you find you have to remove one, loosely tape the back of the nut to the panel or frame with masking tape. Tap lightly on one of the hooks with about a 3/8" wide slot screwdriver (tape is to keep the released nut from disappearing into the guts of the transmitter).

In a message dated 2/27/2010 2:04:33 PM Central Standard Time,
bflattrmpt@... writes:
> I measured my bolts, clip on nuts and panel thickness on my T-368A. As
> best as I can tell, it measures 3/8 - 16 with a panel thickness of .125".
>
> Therefore it would be McMaster-Carr's part number 90680A156 for $7.65 for
> a
> box of 10. My T-368 needs two so I place the order Thanks for the tip.
> Dave KA2J
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4122. Re: [T-368_BC-610] FS: BC-610 Package

Yahoo group: T-368_BC-610
Date: 2010-02-28 02:38:55 UTC
From: John Poulton
Topic: 4100  Message: 4122

Nope.. that one went to John Brewer over in Clayton. He still has
it, far as I know!

Cheers,
jp

On Feb 27, 2010, at 1:43 PM, Larry Godek wrote:

> Was that the one we found out in the barn up in Montana?
>
> --- On Tue, 2/23/10, Alan Morriss <mohawk@...> wrote:
>
> From: Alan Morriss <mohawk@...>
> Subject: Re: [T-368_BC-610] FS: BC-610 Package
> To: T-368_BC-610@yahoogroups.com
> Date: Tuesday, February 23, 2010, 10:55 AM
>
>
>
> well, i reckon that is a pretty good deal for $2000. i wish you
> were over here ! alan g4gen
>
> ----- Original Message -----
>
> From: John Poulton
>
> To: T-368_BC-610@ yahoogroups. com
>
> Sent: Tuesday, February 23, 2010 3:13 PM
>
> Subject: [T-368_BC-610] FS: BC-610 Package
>
> After considerable soul-searching, I've decided it may be time to part
>
> with my BC-610--it's been sitting a long time waiting patiently to be
>
> brought back to life, but there are a lot of other projects also
> waiting,
>
> and life's short!
>
> This unit is a BC-610E. It's in pretty decent, though somewhat filthy,
>
> condition. A good cleaning may be all that's required to bring it back
>
> to working order. The "meter" face for the PA tuning will need to be

>
> replaced, but I have a NOS one. Other than that it appears not to have
>
> been molested and is complete.
>
> I'd like $2000 for the transmitter. Now, before you gag, or bust
> out laughing,
>
> consider that this is a *package*. Along with the transmitter, I
> also have:
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> - A fairly good BC-614 speech amp, and a couple of nasty ones that
> could serve either
>
> as parts donors or restoration candidates
>
> - A pretty nice BC-939 tuner--I believe this tuner may have been
> original with
>
> the transmitter- -it's complete and appears unmolested
>
> - Bunch of fixed vacuum caps and other spares (if I can find them!)
>
> - Spare mod and power transformers
>
> - A NOS 250TH in its springy thingy, perhaps a dozen or so 100TH's,
> and (drum
>
> roll) a pair of NOS RCA 2A3's.
>
> - Dozens of PA coils, many in very nice shape, including the
> somewhat rare 160M one
>
> - Dozens of Tuning Units in a variety of frequencies, enough to
> fill 2 large
>
> plastic bins
>
> - Several hundred crystals, some of which are actually in ham bands!
>
> - The rarum/unobtainium octal-connectorized cable, BC-614 - BC-610
>
> - Several original manuals
>
> - Probably other stuff I've collected and forgotten about; I've been
>
> grabbing BC-610-related stuff at hamfests for 10 years
>
> If there's any interesting in this package, please let me know
> privately and

>
> I'll take pix of the equipment for you. This would be, needless to
> say,
>
> pickup only in Chapel Hill, NC. And, no, I won't sell individual
> items; the
>
> whole lot needs to go!
>
> 73, John K4OZY
>
> --
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 4123. Crystals Rock ! ( sorry for the pun )

Yahoo group: T-368_BC-610
Date: 2010-03-03 19:18:48 UTC
From: Mark Foltarz
Topic: 4123  Message: 4123

Did my first crystal grind for the BC 610 last night.
Got darn close.
Started with a 3570 and ground up to 3655.3 .
Overshot by 300 hz.
Might try to "pencil it down."

de KA4JVY
Mark

# 4124. Re: [T-368_BC-610] Crystals Rock ! ( sorry for the pun )

Yahoo group: T-368_BC-610
Date: 2010-03-03 21:07:42 UTC
From: Alan Morriss
Topic: 4123  Message: 4124

hi mark. i find that rubbing solder on one side in the middle is the best. you have to use a lot less. alan g4gen
----- Original Message -----
From: Mark Foltarz
To: amradio@... ; amradio@... ; T-368_BC-610@yahoogroups.com
Sent: Wednesday, March 03, 2010 7:18 PM
Subject: [T-368_BC-610] Crystals Rock ! ( sorry for the pun )

Did my first crystal grind for the BC 610 last night.
Got darn close.
Started with a 3570 and ground up to 3655.3 .
Overshot by 300 hz.
Might try to "pencil it down."

de KA4JVY
Mark

[Non-text portions of this message have been removed]

# 4125. Re: Crystals Rock !

Yahoo group: T-368_BC-610
Date: 2010-03-05 03:48:09 UTC
From: Mahlon Haunschild
Topic: 4125  Message: 4125

Mark,

Please tell us how & with what you ground it.

regards, Mahlon - K4OQ

---

> 1a. Crystals Rock ! ( sorry for the pun )
> Posted by: "Mark Foltarz" Foltarz@... foltarz
> Date: Wed Mar 3, 2010 11:25 am ((PST))
>
> Did my first crystal grind for the BC 610 last night.
> Got darn close.
> Started with a 3570 and ground up to 3655.3 .
> Overshot by 300 hz.
> Might try to "pencil it down."
>
> de KA4JVY
> Mark
>

# 4126. Re: [T-368_BC-610] Re: Crystals Rock !

Yahoo group: T-368_BC-610
Date: 2010-03-05 07:58:10 UTC
From: Alan Morriss
Topic: 4125  Message: 4126

hello mahlon. i grind xtals using a simple technique. you need a small sheet of plate glass, and some 80 grade wet or dry abrasive paper. the next to finest will do.
remove the slab from the holder, carefully noting how it was secured. the plates have two different sides. one smooth, and the other with slightly projecting corners. these are the ones which enable the slab to vibrate, so it must be between these.
wrap the abrasive paper tightly round the piece of plate glass and wet it.
use a figure of eight motion to grind the slab.do this for say 1 minute, wash the slab , re assemble it and measure the frequency.you will then know roughly how long to grind for.
only grind on one side.
about half way to this time measure the frequency again to give you a better idea.
when you get near, use shorter intervals between measurement. if you overshoot, rub a little pencil lead or solder in the centre to drop the frequency.
this can easily be removed if you overdo it.
all this may sound tedious, but it really is no trouble.
hope this is of use. alan g4gen
----- Original Message -----
From: Mahlon Haunschild
To: T-368_BC-610@yahoogroups.com
Sent: Friday, March 05, 2010 3:48 AM
Subject: [T-368_BC-610] Re: Crystals Rock !

Mark,

Please tell us how & with what you ground it.

regards, Mahlon - K4OQ
---
> 1a. Crystals Rock ! ( sorry for the pun )
> Posted by: "Mark Foltarz" Foltarz@... foltarz
> Date: Wed Mar 3, 2010 11:25 am ((PST))
>
> Did my first crystal grind for the BC 610 last night.
> Got darn close.
> Started with a 3570 and ground up to 3655.3 .
> Overshot by 300 hz.
> Might try to "pencil it down."
>
> de KA4JVY
> Mark
>

[Non-text portions of this message have been removed]

# 4127. Re: Crystals Rock !

Yahoo group: T-368_BC-610
Date: 2010-03-05 10:12:42 UTC
From: Roger Basford
Topic: 4125  Message: 4127

Hi All,.

You'll quite a bit of info on this topic on AF4K's page, some of the links are dead but there's quite a lot that still work.

http://www.af4k.com/Boatanchors_Directory/Crystals.htm

I use "Barkeeper's Friend" scouring powder, suitably watered down.

Nil illegitus carborundum!

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, Mahlon Haunschild <mahlonhaunschild@...> wrote:
>
> Mark,
>
> Please tell us how & with what you ground it.
>
> regards, Mahlon - K4OQ
> ------------------------------------------------------------------
> > 1a. Crystals Rock ! ( sorry for the pun )
> > Posted by: "Mark Foltarz" Foltarz@... foltarz
> > Date: Wed Mar 3, 2010 11:25 am ((PST))
> >
> > Did my first crystal grind for the BC 610 last night.
> > Got darn close.
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> > Overshot by 300 hz.
> > Might try to "pencil it down."
> >
> > de KA4JVY
> > Mark
> >
>

# 4128. Re: [T-368_BC-610] Re: Crystals Rock !

Yahoo group: T-368_BC-610
Date: 2010-03-05 16:11:40 UTC
From: Mark Foltarz
Topic: 4125  Message: 4128

Mahlon,

I read several pages about grinding. I have at the shop a stick of green compound and some of the Dremel grinding compound. Both seemed to full of wax and oil. I decided to try wet sandpaper and figured 220 and 300 would work.

The day before I scrapped out an old microwave oven with rotating tray. Nice flat with glass with a lip around the edges - water stays put.

I quartered the sandpaper sheets. I placed a piece of sandpaper abrasive up on the glass and put a enough water to puddle on the paper.

Holding the paper with one hand and the crystal with the other I began making figure 8's. I held the crystal with my 1st and 2nd fingers at diagonal corners of the crystal. Every 25 or so figure 8's I would rotate the crystal 90 degrees to insure equal abrasion on all parts of the crystal.

I then rinse , dry and reassemble the crystal. Then check for progress of frequency change.

For my 610, I wrapped a piece of wire around the 6V6 oscillator tube and couple to a frequency counter.

Several times the crytal refused to oscillate or lost activity. To restore operation I would bevel the edges of the crystal on all four corners and on both sides.

gud luck & 73

de KA4JVY

Mark

>
>From: Mahlon Haunschild <mahlonhaunschild@cox.net>
>To: T-368_BC-610@yahoogroups.com
>Sent: Thu, March 4, 2010 10:48:09 PM
>Subject: [T-368_BC-610] Re: Crystals Rock !
>
>
>Mark,
>
>Please tell us how & with what you ground it.
>
>regards, Mahlon - K4OQ
>------------ --------- --------- --------- --------- --------- -
>> 1a. Crystals Rock ! ( sorry for the pun )
>> Posted by: "Mark Foltarz" Foltarz@rocketmail. com foltarz
>> Date: Wed Mar 3, 2010 11:25 am ((PST))

>>
>> Did my first crystal grind for the BC 610 last night.
>> Got darn close.
>> Started with a 3570 and ground up to 3655.3 .
>> Overshot by 300 hz.
>> Might try to "pencil it down."
>>
>> de KA4JVY
>> Mark
>>
>
>

[Non-text portions of this message have been removed]

# 4129. T-368 Rear Panel Connectors

Yahoo group: T-368_BC-610
Date: 2010-03-08 03:50:46 UTC
From: harold.hairston
Topic: 4129  Message: 4129

I would like to replace the rear panel on my T-368 with Plexi-Glass and want to know if the hardware that connects the rear panel to the chassis are Zeus type and are they available.

# 4130. Re: [T-368_BC-610] Digest Number 1537

Yahoo group: T-368_BC-610
Date: 2010-03-08 14:43:53 UTC
From: Sam Cook
Topic: 4130  Message: 4130

DZUS is the correct spelling.
http://www.southco.com/landingpages/dzus/

Sam Cook, Milan, MO
Amateur Extra Class Radio Station AC?OK
ARES Official Emergency Station, Sullivan Co., MO
Military Auxiliary Radio System (MARS) AAR7AO
FEMA IS-00100.a, IS-00200.a, IS-00700.a, IS-00800.b Certificates
==========

T-368_BC-610@yahoogroups.com wrote:
> There is 1 message in this issue.
>
> Topics in this digest:
>
> 1. T-368 Rear Panel Connectors From: harold.hairston
>
>
> Message _____ 1.
T-368 Rear Panel Connectors Posted by: "harold.hairston" harold.hairston@...
> harold.hairston Date: Sun Mar 7, 2010 7:50 pm ((PST))
>
> I would like to replace the rear panel on my T-368 with Plexi-Glass and want to know if the hardware that connects the rear panel to the chassis are Zeus type and are
> they available.

# 4131. Re: [T-368_BC-610] Re: Crystals Rock !

Yahoo group: T-368_BC-610
Date: 2010-03-09 01:16:35 UTC
From: Joe Foley
Topic: 4125  Message: 4131

Well,....!

WHY didn't you take the rotator motor and hardware out of the old oven and make a jig to hold the crystal in contact with the rotating tray???

Hmmm,.......?

Joe

--- On Fri, 3/5/10, Mark Foltarz <Foltarz@rocketmail.com> wrote:

From: Mark Foltarz <Foltarz@...>
Subject: Re: [T-368_BC-610] Re: Crystals Rock !
To: T-368_BC-610@yahoogroups.com
Date: Friday, March 5, 2010, 11:11 AM

Mahlon,

I read several pages about grinding. I have at the shop a stick of green compound and some of the Dremel grinding compound. Both seemed to full of wax and oil. I decided to try wet sandpaper and figured 220 and 300 would work.

The day before I scrapped out an old microwave oven with rotating tray. Nice flat with glass with a lip around the edges - water stays put.

I quartered the sandpaper sheets. I placed a piece of sandpaper abrasive up on the glass and put a enough water to puddle on the paper.

Holding the paper with one hand and the crystal with the other I began making figure 8's. I held the crystal with my 1st and 2nd fingers at diagonal corners of the crystal. Every 25 or so figure 8's I would rotate the crystal 90 degrees to insure equal abrasion on all parts of the crystal.

I then rinse , dry and reassemble the crystal. Then check for progress of frequency change.

For my 610, I wrapped a piece of wire around the 6V6 oscillator tube and couple to a frequency counter.

Several times the crytal refused to oscillate or lost activity. To restore operation I would bevel the edges of the crystal on all four corners and on both sides.

gud luck & 73

de KA4JVY

Mark

>

>From: Mahlon Haunschild <mahlonhaunschild@ cox.net>

>To: T-368_BC-610@ yahoogroups. com

>Sent: Thu, March 4, 2010 10:48:09 PM

>Subject: [T-368_BC-610] Re: Crystals Rock !

>

>

>Mark,

>

>Please tell us how & with what you ground it.

>

>regards, Mahlon - K4OQ

>---------- - --------- --------- --------- --------- --------- -

>> 1a. Crystals Rock ! ( sorry for the pun )

>> Posted by: "Mark Foltarz" Foltarz@rocketmail. com foltarz

>> Date: Wed Mar 3, 2010 11:25 am ((PST))

>>

>> Did my first crystal grind for the BC 610 last night.

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>> Started with a 3570 and ground up to 3655.3 .

>> Overshot by 300 hz.

>> Might try to "pencil it down."

>>

>> de KA4JVY

>> Mark

>>

>

>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4132. Re: [T-368_BC-610] Re: Crystals Rock !

Yahoo group: T-368_BC-610
Date: 2010-03-09 01:33:12 UTC
From: rbethman
Topic: 4125  Message: 4132

Well, if it like the one I scrapped out, to get that working would have
been a Rube Goldberg Special!

Let's see - it runs the fan, the rotating glass part by a huge rubber
O-ring, AND BTW it is directly coupled to the interior piece that
spreads the electrons all through out the inside of the oven.

Duh! They do NOT make them like the old Tappan that was a built-in at
my Father-in-law's house in Georgia. He bought that place about 1966.

The transformer went tennies up in the early '80s. Couldn't by one
ANYWHERE.

Now its all throw away junk! The transformers are useless! I haven't
found a decent one since 1980. I used that one for a pair of 813s.

Bob - N0DGN

On 3/8/2010 8:16 PM, Joe Foley wrote:
>
> Well,....!
>
> WHY didn't you take the rotator motor and hardware out of the old oven
> and make a jig to hold the crystal in contact with the rotating tray???
>
> Hmmm,.......?
>
> Joe
>
> --- On Fri, 3/5/10, Mark Foltarz <Foltarz@...
> <mailto:Foltarz%40rocketmail.com>> wrote:
>
> From: Mark Foltarz <Foltarz@rocketmail.com
> <mailto:Foltarz%40rocketmail.com>>
> Subject: Re: [T-368_BC-610] Re: Crystals Rock !
> To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> Date: Friday, March 5, 2010, 11:11 AM
>
>
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> and 300 would work.

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> restore operation I would bevel the edges of the crystal on all four
> corners and on both sides.
>
> gud luck & 73
>
> de KA4JVY
>
> Mark
>
> >
>
> >From: Mahlon Haunschild <mahlonhaunschild@ cox.net>
>
> >To: T-368_BC-610@ yahoogroups. com
>
> >Sent: Thu, March 4, 2010 10:48:09 PM
>
> >Subject: [T-368_BC-610] Re: Crystals Rock !
>
> >
>
> >
>
> >Mark,
>
> >
>
> >Please tell us how & with what you ground it.
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> >

>
> >regards, Mahlon - K4OQ
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> >---------- - --------- --------- --------- --------- --------- -
>
> >> 1a. Crystals Rock ! ( sorry for the pun )
>
> >> Posted by: "Mark Foltarz" Foltarz@rocketmail. com foltarz
>
> >> Date: Wed Mar 3, 2010 11:25 am ((PST))
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> >>
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> >> de KA4JVY
>
> >> Mark
>
> >>
>
> >
>
> >
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>

--
+---------------------------------------------------------------+
| AM Amateur Radio Operator NØDGN |
+---------------------------------------------------------------+
| http://home.comcast.net/~rbethman/ |
+---------------------------------------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| \\ ~ ~ // signal does *NOT* mean |
| rbethman@comcast.net (/ @ @ /) that everything is OK " |

+----------------------o00o---°(_)°---o00o-------------------------+

[Non-text portions of this message have been removed]

# 4133. Re: [T-368_BC-610] Re: Crystals Rock !

Yahoo group: T-368_BC-610
Date: 2010-03-09 03:46:08 UTC
From: Mark Foltarz
Topic: 4125  Message: 4133

Joe,

  Funny you should mention that.  I am making a foray into the world of blade sharpening as a side line. And one of my tools seems to fit the bill for moving the abrasive while holding the rock steady.

de KA4JVY

Mark

>
>From: Joe Foley <redmenaced@...>
>To: T-368_BC-610@yahoogroups.com
>Sent: Mon, March 8, 2010 8:16:35 PM
>Subject: Re: [T-368_BC-610] Re: Crystals Rock !
>
>
>Well,....!
>
>WHY didn't you take the rotator motor and hardware out of the old oven and make a jig to hold the crystal in contact with the rotating tray???
>
>Hmmm,..... ?
>
>Joe
>
>

[Non-text portions of this message have been removed]

# 4134. Re: [T-368_BC-610] Re: Crystals Rock !

Yahoo group: T-368_BC-610
Date: 2010-03-09 11:06:34 UTC
From: Alan Morriss
Topic: 4125  Message: 4134

hello mark, for years i used an abrasive paste made from fine carborundum to grind xtals.however it was necessary to clean them scrupulously, and my success rate was poor, as often the xtals would loose their activity. i then learned the technique of using fine aabrasive paper . what a difference !
i have never had a failure, and it is much easier to control the rate so that i seldom overshoot by much.
cleaning is no problem, as all i do is a quick wash under the tap. alan g4gen
----- Original Message -----
From: Mark Foltarz
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, March 09, 2010 3:46 AM
Subject: Re: [T-368_BC-610] Re: Crystals Rock !

Joe,

Funny you should mention that. I am making a foray into the world of blade sharpening as a side line. And one of my tools seems to fit the bill for moving the abrasive while holding the rock steady.

de KA4JVY

Mark

>
>From: Joe Foley <redmenaced@...>
>To: T-368_BC-610@yahoogroups.com
>Sent: Mon, March 8, 2010 8:16:35 PM
>Subject: Re: [T-368_BC-610] Re: Crystals Rock !
>
>
>Well,....!
>
>WHY didn't you take the rotator motor and hardware out of the old oven and make a jig to hold the crystal in contact with the rotating tray???
>
>Hmmm,..... ?
>
>Joe
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4135. BC-610/HT-4 on Ten Metres?

Yahoo group: T-368_BC-610
Date: 2010-03-11 21:15:42 UTC
From: Roger Basford
Topic: 4135  Message: 4135

Hi All,

Does anyone have data on coils and tuning units for 18-30Mc coverage for the '610/HT-4? I have come across a handwritten note in a post-WWII HT4-I manual that refers to a 10 metre conversion kit listed under "Spec Sheet # 93M597" and "Bill of Material" # 59X029. Where these kits generally available and how did the '610/HT-4 handle on Ten?

73

Roger/G3VKM

# 4136. Re: [T-368_BC-610] BC-610/HT-4 on Ten Metres?

Yahoo group: T-368_BC-610
Date: 2010-03-11 21:32:41 UTC
From: rbethman
Topic: 4135  Message: 4136

Roger,

The HT-4 came out with ten meters as part of the original radio, and was advertised as such.

The Military BC-610 version did NOT incorporate 10 meters. The U.S. Army Signal Corps found significant problems with attempting to operate on 10 meters. They are VERY well known to end up with RF crawling all over the cabinet.

This was most likely due to their specific requirements to operate in the communications Housing on the 2 1/2 ton truck, and initially in the "panel" truck.

Mobile operations, which indeed they did by the installed whip, did not allow for a solid ground to earth.

They only had such a ground when they set up in a fixed location.

The other thing that I haven't been able to track down, is related to the distance that was a requirement of the BC-610 package. They were specifically to be used at a range of 100 miles.

Ten meters can be finicky at that range unless propagation is favorable. Using the whip antenna, without a good counterpoise, makes 10 meters an iffy situation.

It is by NO means the same as having a whip on the roof of an automobile with its entire body as a counterpoise.

BTW - My information regarding the ten meter attempt resulting in RF crawling all over the cabinet, came from a Special Forces individual that operated these in Europe and at Arecibo, Puerto Rico.

Bob - N0DGN

On 3/11/2010 4:15 PM, Roger Basford wrote:
>
> Hi All,
>
> Does anyone have data on coils and tuning units for 18-30Mc coverage
> for the '610/HT-4? I have come across a handwritten note in a
> post-WWII HT4-I manual that refers to a 10 metre conversion kit listed
> under "Spec Sheet # 93M597" and "Bill of Material" # 59X029. Where
> these kits generally available and how did the '610/HT-4 handle on Ten?
>
> 73
>

> Roger/G3VKM
>

[Non-text portions of this message have been removed]

# 4137. Re: [Milsurplus] f.s. BC-610 manual

Yahoo group: T-368_BC-610
Date: 2010-03-12 00:51:23 UTC
From: Joe Foley
Topic: 4137  Message: 4137

Contact Patrick listed below!

--- On Thu, 3/11/10, Patrick Marineau <wb8ybf@...> wrote:

> From: Patrick Marineau <wb8ybf@...>
> Subject: [Milsurplus] f.s. BC-610 manual
> To: milsurplus@...
> Date: Thursday, March 11, 2010, 8:26 AM
> For Sale: TM 11-826 Radio
> Transmitters BC-610-E, -F, -G, -H, -I,
> T-213/GRC-26 and Antenna Tuning Unit BC-939-A and -B.
> Dated Oct, 1952
> Original, excellent condition. $14
> postpaid CONUS (Note: Fair
> Radio repro price $23 + shipping).
> No PayPal
> Thanks,
> Pat K9HF
> _____
> Milsurplus mailing list
> Home: http://mailman.qth.net/mailman/listinfo/milsurplus
> Help: http://mailman.qth.net/mmfaq.htm
> Post: mailto:Milsurplus@...
>
> This list hosted by: http://www.qsl.net
> Please help support this email list: http://www.qsl.net/donate.html
>

# 4138. Re: [T-368_BC-610] BC-610/HT-4 on Ten Metres?

Yahoo group: T-368_BC-610
Date: 2010-03-11 21:25:25 UTC
From: Bob Richmond
Topic: 4135  Message: 4138

Just Great!

w8mnq "the 2nd"

++++++++++++++++++++++++++++++++++++++++++++++++++++++++++

Hi All,

Does anyone have data on coils and tuning units for 18-30Mc coverage for the '610/HT-4? I have come across a handwritten note in a post-WWII HT4-I manual that refers to a 10 metre conversion kit listed under "Spec Sheet # 93M597" and "Bill of Material" # 59X029. Where these kits generally available and how did the '610/HT-4 handle on Ten?

73

Roger/G3VKM

[Non-text portions of this message have been removed]

# 4139. Re: BC-610/HT-4 on Ten Metres?

Yahoo group: T-368_BC-610
Date: 2010-03-12 07:15:28 UTC
From: Roger Basford
Topic: 4135  Message: 4139

Hi Bob,

I looked closely at the October and November 1938 adverts and you are right, they did offer Ten metres coverage. I doubt the Signal Corps had much use for such high frequencies but I believe that 1941/2 was a period of good sunspot activity and the high end of HF might have been of use, but generally propagation at that part of the spectrum tends to be difficult to forecast, great for hams but not for reliable mil comms.

I have quite a selection of TUs and PA coils - but nothing above 18 Mc, so if Ten picks up for some across the pond paths I'll have to use a smaller rig, like my Labgear LG-300!

Thanks for the follow-up.

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@...> wrote:
>
> Roger,
>
> The HT-4 came out with ten meters as part of the original radio, and was
> advertised as such.
>
> The Military BC-610 version did NOT incorporate 10 meters. The U.S.
> Army Signal Corps found significant problems with attempting to operate
> on 10 meters. They are VERY well known to end up with RF crawling all
> over the cabinet.
>
> This was most likely due to their specific requirements to operate in
> the communications Housing on the 2 1/2 ton truck, and initially in the
> "panel" truck.
>
> Mobile operations, which indeed they did by the installed whip, did not
> allow for a solid ground to earth.
>
> They only had such a ground when they set up in a fixed location.
>
> The other thing that I haven't been able to track down, is related to
> the distance that was a requirement of the BC-610 package. They were
> specifically to be used at a range of 100 miles.
>
> Ten meters can be finicky at that range unless propagation is
> favorable. Using the whip antenna, without a good counterpoise, makes
> 10 meters an iffy situation.
>
> It is by NO means the same as having a whip on the roof of an automobile
> with its entire body as a counterpoise.

>
> BTW - My information regarding the ten meter attempt resulting in RF
> crawling all over the cabinet, came from a Special Forces individual
> that operated these in Europe and at Arecibo, Puerto Rico.
>
> Bob - N0DGN
>

# 4140. T368C. Odd problem developed.

Yahoo group: T-368_BC-610
Date: 2010-03-14 03:13:30 UTC
From: ke7trp
Topic: 4140  Message: 4140

I have used this transmitter for 6 months. It worked perfectly. I cam in the shack today, warmed it up, tuned it on 75. Full output. When I unkey the transmitter, The SCOPE, Bird watt meter and SWR meter SHOOT up with a big signal. Then it Drops out.

Normaly, When I unkey, the carrier just goes away. Now, the meter shoots up past 1KW, The scope shows FULL mod, and the SWR meter shows 5 to 1 for about half a second, then it Drops out.

Any ideas? It looks like there is an oscilation or maybe the relays are not Dropping out in the right order?

THanks!

Clark

# 4141. Re: T368C. Odd problem developed.

Yahoo group: T-368_BC-610
Date: 2010-03-14 12:19:07 UTC
From: Roger Basford
Topic: 4140  Message: 4141

PA self-oscillating? That high SWR probably means it's taking off at a much higher frequency than 75 metres. Check your neutralisation setting.

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "ke7trp" <Clark@...> wrote:
>
> I have used this transmitter for 6 months. It worked perfectly. I cam in the shack today, warmed it up, tuned it on 75. Full output. When I unkey the transmitter, The SCOPE, Bird watt meter and SWR meter SHOOT up with a big signal. Then it Drops out.
>
> Normaly, When I unkey, the carrier just goes away. Now, the meter shoots up past 1KW, The scope shows FULL mod, and the SWR meter shows 5 to 1 for about half a second, then it Drops out.
>
> Any ideas? It looks like there is an oscilation or maybe the relays are not Dropping out in the right order?
>
> THanks!
>
> Clark
>

# 4142. Re: [T-368_BC-610] Re: T368C. Odd problem developed.

Yahoo group: T-368_BC-610
Date: 2010-03-14 12:50:59 UTC
From: Geoff/W5OMR
Topic: 4140  Message: 4142

> --- In T-368_BC-610@yahoogroups.com, "ke7trp" <Clark@...> wrote:
>
>> I have used this transmitter for 6 months. It worked perfectly. I cam in the shack today, warmed it up, tuned it on 75. Full output. When I unkey the transmitter, The SCOPE, Bird watt meter and SWR meter SHOOT up with a big signal. Then it Drops out.
>>
>> Normaly, When I unkey, the carrier just goes away. Now, the meter shoots up past 1KW, The scope shows FULL mod, and the SWR meter shows 5 to 1 for about half a second, then it Drops out.
>>
>> Any ideas? It looks like there is an oscilation or maybe the relays are not Dropping out in the right order?
>>
>> THanks!
>>
>> Clark
>>

> Roger Basford wrote:
>> PA self-oscillating? That high SWR probably means it's taking off at a much higher frequency than 75 metres. Check your neutralisation setting.
>>
>> Roger/G3VKM

I think your initial assessment makes more sense, Clark. Clean some contact relays. It sounds like the transmitter is staying keyed up before than antenna change-over relay drops out. Might check the discharge capacitor(s) on the contacts, as well.

-Geoff/W5OMR
(/5 Baja Spring, TX)

--
This message has been scanned for viruses and
dangerous content by MailScanner, and is
believed to be clean.

# 4143. Re:T368C. Odd problem developed.

Yahoo group: T-368_BC-610
Date: 2010-03-14 13:47:00 UTC
From: tropicwind@aol.com
Topic: 4140  Message: 4143

Hello Group,

(1) Could anyone in the group with experience with the TMC GPT 750, tell me if this transmitter will tune to 1945 KC with the internal MO? (I know the manual says 2 mhz on the lower range, but the MO mechanically goes to below 1945 KHZ).

(2) And will the driver and amplifier load on 1945 KC without modification?

(3) Thirdly, what should one sell for with the TMC built AM Modulator?

I found one in fairly good condition, and want to make a fair offer.

Thank you for your help.

Jay W7PJS

[Non-text portions of this message have been removed]

# 4144. Re: [T-368_BC-610] Re:T368C. Odd problem developed.

Yahoo group: T-368_BC-610
Date: 2010-03-14 15:48:50 UTC
From: Taylor Family
Topic: 4140  Message: 4144

re: GPT-750

I repaired GPT-750's when I was in the Signal Corps - - Under no circumstances were we ever to go below 2 MHz or above 4 MHz on the GPT VFO or on an 0-330/FR (VOX-5 VFO). If you go past those limits it is sure to ruin the calibration and require a depot level repair. I seem to remember something about getting an "article 15" (military lingo for a reprimand) if you abused the equipment in that manner. Anser is to going below 2 MHz, not recommended unless you use an external source and not the internal VFO.

Seth KC2WE
ex - KZ5BA KZ5USA operator (Canal Zone)

----- Original Message -----
From: tropicwind@...
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, March 14, 2010 9:47 AM
Subject: [T-368_BC-610] Re:T368C. Odd problem developed.

Hello Group,

(1) Could anyone in the group with experience with the TMC GPT 750, tell me if this transmitter will tune to 1945 KC with the internal MO? (I know the manual says 2 mhz on the lower range, but the MO mechanically goes to below 1945 KHZ).

(2) And will the driver and amplifier load on 1945 KC without modification?

(3) Thirdly, what should one sell for with the TMC built AM Modulator?

I found one in fairly good condition, and want to make a fair offer.

Thank you for your help.

Jay W7PJS

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4145. Re: T368C. Odd problem developed.

Yahoo group: T-368_BC-610
Date: 2010-03-15 15:31:03 UTC
From: ke7trp
Topic: 4140  Message: 4145

It is oscilation! I was talking on the phone with another T3 owner. He told me you are tuned to the wrong dip. The rig was at 250mills dipped perfect. I turned the load to the right to 300, then dipped it back down and it dropped all the way to 200. I then turned the load up again and got it to dip at 250 again. MORE overall load. The problem went away.

I will have to make a new "chart" for the tuning on my coax, and tuner.

C

--- In T-368_BC-610@yahoogroups.com, "Roger Basford" <Roger@...> wrote:
>
> PA self-oscillating? That high SWR probably means it's taking off at a much higher frequency than 75 metres. Check your neutralisation setting.
>
> Roger/G3VKM
>
>
>
> --- In T-368_BC-610@yahoogroups.com, "ke7trp" <Clark@> wrote:
> >
> > I have used this transmitter for 6 months. It worked perfectly. I cam in the shack today, warmed it up, tuned it on 75. Full output. When I unkey the transmitter, The SCOPE, Bird watt meter and SWR meter SHOOT up with a big signal. Then it Drops out.
> >
> > Normaly, When I unkey, the carrier just goes away. Now, the meter shoots up past 1KW, The scope shows FULL mod, and the SWR meter shows 5 to 1 for about half a second, then it Drops out.
> >
> > Any ideas? It looks like there is an oscilation or maybe the relays are not Dropping out in the right order?
> >
> > THanks!
> >
> > Clark
> >
>

# 4146. Re: [T-368_BC-610] Re: BC-610/HT-4 on Ten Metres?

Yahoo group: T-368_BC-610
Date: 2010-03-12 17:49:43 UTC
From: Edward Butorajac
Topic: 4135  Message: 4146

Hello folks,

Yes, the BC-610 did have a TU and PA coil that went to 10 meters. I had a couple of each in my collection back in the early 1960's It also had TU's and PA Coils to go down through the broadcast band, and also went down to the 200 - 500 kHz band. Many places in the far east and Europe had areas that used a BC-610( ) as an AM Broadcast transmitter to get news, music, etc. to the troops and their dependents. As for use on 10 meters, RF on the case was preventable only if a good SHORT ground was connected to the cabinet. The big problem, however was output power. The 250-TH was not designed for use much above 18 or 20 MHz. Oh, yes, the receivers which were normally used with the BC-610( ) only had an upper frequency range of 18 MHz. While the TU's, etc. were on-hand, there wasn't much use for them!

-73-
Ed, KM4QQ

Roger Basford wrote:
>
> Hi Bob,
>
> I looked closely at the October and November 1938 adverts and you are
> right, they did offer Ten metres coverage. I doubt the Signal Corps
> had much use for such high frequencies but I believe that 1941/2 was a
> period of good sunspot activity and the high end of HF might have been
> of use, but generally propagation at that part of the spectrum tends
> to be difficult to forecast, great for hams but not for reliable mil
> comms.
>
> I have quite a selection of TUs and PA coils - but nothing above 18
> Mc, so if Ten picks up for some across the pond paths I'll have to use
> a smaller rig, like my Labgear LG-300!
>
> Thanks for the follow-up.
>
> Roger/G3VKM
>
> --- In T-368_BC-610@yahoogroups.com
> <mailto:T-368_BC-610%40yahoogroups.com>, rbethman <rbethman@...> wrote:
> >
> > Roger,
> >
> > The HT-4 came out with ten meters as part of the original radio, and
> was
> > advertised as such.

> >
> > The Military BC-610 version did NOT incorporate 10 meters. The U.S.
> > Army Signal Corps found significant problems with attempting to operate
> > on 10 meters. They are VERY well known to end up with RF crawling all
> > over the cabinet.
> >
> > This was most likely due to their specific requirements to operate in
> > the communications Housing on the 2 1/2 ton truck, and initially in the
> > "panel" truck.
> >
> > Mobile operations, which indeed they did by the installed whip, did not
> > allow for a solid ground to earth.
> >
> > They only had such a ground when they set up in a fixed location.
> >
> > The other thing that I haven't been able to track down, is related to
> > the distance that was a requirement of the BC-610 package. They were
> > specifically to be used at a range of 100 miles.
> >
> > Ten meters can be finicky at that range unless propagation is
> > favorable. Using the whip antenna, without a good counterpoise, makes
> > 10 meters an iffy situation.
> >
> > It is by NO means the same as having a whip on the roof of an
> automobile
> > with its entire body as a counterpoise.
> >
> > BTW - My information regarding the ten meter attempt resulting in RF
> > crawling all over the cabinet, came from a Special Forces individual
> > that operated these in Europe and at Arecibo, Puerto Rico.
> >
> > Bob - N0DGN
> >
>
>

# 4147. Re: [T-368_BC-610] Re: BC-610/HT-4 on Ten Metres?

Yahoo group: T-368_BC-610
Date: 2010-03-19 00:31:24 UTC
From: rbethman
Topic: 4135  Message: 4147

The first comment that needs to be made:

1) No where in the Army TMs, are TUs and PA coils below 1500Kc, nor any TUs or PA Coils above 18 Mc.

2) The Eimac 250TH is rated for 4000Vdc Max and 40Mc.

The Broadcast band TUs that were additional are TU-60 and TU-61. They weren't standard issue with ALL the BC-610s.

Bob - N0DGN

On 3/12/2010 12:49 PM, Edward Butorajac wrote:
> Hello folks,
>
> Yes, the BC-610 did have a TU and PA coil that went to 10 meters. I had
> a couple of each in my collection back in the early 1960's It also had
> TU's and PA Coils to go down through the broadcast band, and also went
> down to the 200 - 500 kHz band. Many places in the far east and Europe
> had areas that used a BC-610( ) as an AM Broadcast transmitter to get
> news, music, etc. to the troops and their dependents. As for use on 10
> meters, RF on the case was preventable only if a good SHORT ground was
> connected to the cabinet. The big problem, however was output power. The
> 250-TH was not designed for use much above 18 or 20 MHz. Oh, yes, the
> receivers which were normally used with the BC-610( ) only had an upper
> frequency range of 18 MHz. While the TU's, etc. were on-hand, there
> wasn't much use for them!
>
> -73-
> Ed, KM4QQ

# 4148. Re: [T-368_BC-610] Re: BC-610/HT-4 on Ten Metres?

Yahoo group: T-368_BC-610
Date: 2010-03-19 00:47:40 UTC
From: wa5cab@cs.com
Topic: 4135  Message: 4148

Bob,

You're correct AFAIK about no mention in manuals of TU's and coils above 18 MC. Although I've also seen both. However, it was never clear whether they were civilian or military.

But on the below 2 MC end, you must have meant nothing below 1000 KC. Coil C-455 and TU-62 cover 1.0-1.5 MC (TU-60 covers 15.3-21.0 MC and goes with the BC-375, part of a jammer system).

I will add (personal experience) that you can run a BC-610 on 770 KC successfully. When I left for Vietnam in 1967, my first BC-610-F was sitting in the transformer vault of a dormatory at LA Tech running carrier current on 770. We modified a TU-62 and padded the C-455. At the other end of the campus was a modified T-47/ART-13 doing the same thing.

In a message dated 3/18/2010 6:31:31 PM Central Standard Time,
rbethman@... writes:
> The first comment that needs to be made:
>
> 1) No where in the Army TMs, are TUs and PA coils below 1500Kc, nor any
> TUs or PA Coils above 18 Mc.
>
> 2) The Eimac 250TH is rated for 4000Vdc Max and 40Mc.
>
> The Broadcast band TUs that were additional are TU-60 and TU-61. They
> weren't standard issue with ALL the BC-610s.
>
> Bob - N0DGN
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4149. RE: [T-368_BC-610] Re: BC-610/HT-4 on Ten Metres?

Yahoo group: T-368_BC-610
Date: 2010-03-19 03:58:47 UTC
From: Bill Harris
Topic: 4135  Message: 4149

I might add that in 1965 I visited a "Limited Coastal Station" in Hoquiam, WA where I saw a BC-610 in operation, A1 on 468 and 500 KHz.

There was also an amplifier, manufactured by B&W. It used an 833 in the final. Remember seeing one, paired with the 610 in a HU17 hut. The 610 was used as the driver. Forget what the number of this unit was. No doubt someone on list will know.

BillHarris-w7kxb/7

To: T-368_BC-610@yahoogroups.com
> From: km4qq@...
> Date: Fri, 12 Mar 2010 12:49:43 -0500
> Subject: Re: [T-368_BC-610] Re: BC-610/HT-4 on Ten Metres?
>
> Hello folks,
>
> Yes, the BC-610 did have a TU and PA coil that went to 10 meters. I had
> a couple of each in my collection back in the early 1960's It also had
> TU's and PA Coils to go down through the broadcast band, and also went
> down to the 200 - 500 kHz band. Many places in the far east and Europe
> had areas that used a BC-610( ) as an AM Broadcast transmitter to get
> news, music, etc. to the troops and their dependents. As for use on 10
> meters, RF on the case was preventable only if a good SHORT ground was
> connected to the cabinet. The big problem, however was output power. The
> 250-TH was not designed for use much above 18 or 20 MHz. Oh, yes, the
> receivers which were normally used with the BC-610( ) only had an upper
> frequency range of 18 MHz. While the TU's, etc. were on-hand, there
> wasn't much use for them!
>
> -73-
> Ed, KM4QQ
>
> Roger Basford wrote:
> >
> > Hi Bob,
> >
> > I looked closely at the October and November 1938 adverts and you are
> > right, they did offer Ten metres coverage. I doubt the Signal Corps
> > had much use for such high frequencies but I believe that 1941/2 was a
> > period of good sunspot activity and the high end of HF might have been
> > of use, but generally propagation at that part of the spectrum tends
> > to be difficult to forecast, great for hams but not for reliable mil
> > comms.
> >
> > I have quite a selection of TUs and PA coils - but nothing above 18
> > Mc, so if Ten picks up for some across the pond paths I'll have to use

> > a smaller rig, like my Labgear LG-300!
> >
> > Thanks for the follow-up.
> >
> > Roger/G3VKM
> >
> > --- In T-368_BC-610@yahoogroups.com
> > <mailto:T-368_BC-610%40yahoogroups.com>, rbethman <rbethman@...> wrote:
> > >
> > > Roger,
> > >
> > > The HT-4 came out with ten meters as part of the original radio, and
> > was
> > > advertised as such.
> > >
> > > The Military BC-610 version did NOT incorporate 10 meters. The U.S.
> > > Army Signal Corps found significant problems with attempting to operate
> > > on 10 meters. They are VERY well known to end up with RF crawling all
> > > over the cabinet.
> > >
> > > This was most likely due to their specific requirements to operate in
> > > the communications Housing on the 2 1/2 ton truck, and initially in the
> > > "panel" truck.
> > >
> > > Mobile operations, which indeed they did by the installed whip, did not
> > > allow for a solid ground to earth.
> > >
> > > They only had such a ground when they set up in a fixed location.
> > >
> > > The other thing that I haven't been able to track down, is related to
> > > the distance that was a requirement of the BC-610 package. They were
> > > specifically to be used at a range of 100 miles.
> > >
> > > Ten meters can be finicky at that range unless propagation is
> > > favorable. Using the whip antenna, without a good counterpoise, makes
> > > 10 meters an iffy situation.
> > >
> > > It is by NO means the same as having a whip on the roof of an
> > automobile
> > > with its entire body as a counterpoise.
> > >
> > > BTW - My information regarding the ten meter attempt resulting in RF
> > > crawling all over the cabinet, came from a Special Forces individual
> > > that operated these in Europe and at Arecibo, Puerto Rico.
> > >
> > > Bob - N0DGN
> > >
> >
> >
>

>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

# 4150. Re: [T-368_BC-610] Re: BC-610/HT-4 on Ten Metres?

Yahoo group: T-368_BC-610
Date: 2010-03-19 04:14:54 UTC
From: wa5cab@cs.com
Topic: 4135  Message: 4150

AN/MRC-2. The shelter was an HO-17.

In a message dated 3/18/2010 9:58:52 PM Central Standard Time,
w7kxb@... writes:
> I might add that in 1965 I visited a "Limited Coastal Station" in
> Hoquiam, WA where I saw a BC-610 in operation, A1 on 468 and 500 KHz.
>
>
>
> There was also an amplifier, manufactured by B&W. It used an 833 in the
> final. Remember seeing one, paired with the 610 in a HU17 hut. The 610 was
> used as the driver. Forget what the number of this unit was. No doubt
> someone on list will know.
>
> BillHarris-w7kxb/7
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4151. Re: [T-368_BC-610] Re: BC-610/HT-4 on Ten Metres?

Yahoo group: T-368_BC-610
Date: 2010-03-19 12:39:19 UTC
From: John King
Topic: 4135  Message: 4151

What about the AM 141? I remember seeing one in a manual once upon a time. There was an amp that used two 4-1000A tubes. Not sure it was the AM 141. 73, John, K5PGW

---

From: "wa5cab@cs.com" <wa5cab@...>
To: T-368_BC-610@yahoogroups.com
Sent: Thu, March 18, 2010 11:14:54 PM
Subject: Re: [T-368_BC-610] Re: BC-610/HT-4 on Ten Metres?

AN/MRC-2. The shelter was an HO-17.

In a message dated 3/18/2010 9:58:52 PM Central Standard Time,
w7kxb@... writes:
> I might add that in 1965 I visited a "Limited Coastal Station" in
> Hoquiam, WA where I saw a BC-610 in operation, A1 on 468 and 500 KHz.
>
>
>
> There was also an amplifier, manufactured by B&W. It used an 833 in the
> final. Remember seeing one, paired with the 610 in a HU17 hut. The 610 was
> used as the driver. Forget what the number of this unit was. No doubt
> someone on list will know.
>
> BillHarris-w7kxb/ 7
>

Robert Downs - Houston
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MVPA 9480

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4152. Re: [T-368_BC-610] Re: BC-610/HT-4 on Ten Metres?

Yahoo group: T-368_BC-610
Date: 2010-03-19 16:13:00 UTC
From: rbethman
Topic: 4135  Message: 4152

Robert,

You are correct! I screwed the pooch once more!

I "should" have picked up the TM. I forgot about the extra PA Coil that took it down to 1000Kc.

That's what happens when you get older and "try" to rely on memory alone.

As Ed wrote to me direct, I replied direct. The one thing that I openly agree about, is Uncle Sugar "always" managing to do those things that are non-standard.

I am not surprised to hear that Uncle obtained some 10mtr TUs and PA Coils. Nor do I feel surprised to hear that they also apparently obtained some PA Coils and TUs for below 1000Kc.

You and I are both aware how Uncle has done things!

Bob - N0DGN

On 3/18/2010 8:47 PM, wa5cab@... wrote:
>
> Bob,
>
> You're correct AFAIK about no mention in manuals of TU's and coils
> above 18
> MC. Although I've also seen both. However, it was never clear whether
> they were civilian or military.
>
> But on the below 2 MC end, you must have meant nothing below 1000 KC.
> Coil
> C-455 and TU-62 cover 1.0-1.5 MC (TU-60 covers 15.3-21.0 MC and goes with
> the BC-375, part of a jammer system).
>
> I will add (personal experience) that you can run a BC-610 on 770 KC
> successfully. When I left for Vietnam in 1967, my first BC-610-F was
> sitting in
> the transformer vault of a dormatory at LA Tech running carrier
> current on
> 770. We modified a TU-62 and padded the C-455. At the other end of the
> campus was a modified T-47/ART-13 doing the same thing.
>

[Non-text portions of this message have been removed]

# 4153. Re: [T-368_BC-610] Re: BC-610/HT-4 on Ten Metres?

Yahoo group: T-368_BC-610
Date: 2010-03-19 16:49:44 UTC
From: rbethman
Topic: 4135  Message: 4153

Bill and the Group,

There are many of us that are aware of the amplifier that was built and used. "If" memory serves me, it was a 5KW beast.

I personally have never actually seen one.
As I have replied to Ed and Robert, Uncle Sugar's proclivities to procure and put into use "non-standard" components is NOT a surprise!

Uncle probably put into their contract for these items on a limited basis. Since Hallicrafters already sold the HT-4 with 10 mtrs as an option, it would have been easy to simply "requisition" the necessary components. I was completely unaware of the components for use down below 1000Kc. However, I'll say again that I do not feel a surprise in this.

I'll follow this up by saying that either sets of components will be hard to find. I know that finding the TUs for use below 2000Kc is difficult. I've obtained the PA coil for 160mtrs. I modified a TU that was for 2Mc and up, to work down as far as 1600Kc. It probably isn't as efficient as the designed one, but it gets the job done.

On that note, I have to admit that I haven't the property space to run a 160mtr dipole. So this year I am going to go the route of stringing what Uncle Sugar called a "long wire" and use the BC-939 and the necessary capacitors to get there.

I will say to the group, especially those that do NOT understand, that the BC-939s are NOT an antenna "tuner". They are an antenna "coupler". The output impedance of the BC-939 is close to 300 ohms. So one must give some care as to how they implement this item due to possible shack RF issues.

Bob - N0DGN/4 < Virginia >

On 3/18/2010 11:58 PM, Bill Harris wrote:
>
>
> I might add that in 1965 I visited a "Limited Coastal Station" in
> Hoquiam, WA where I saw a BC-610 in operation, A1 on 468 and 500 KHz.
>
> There was also an amplifier, manufactured by B&W. It used an 833 in
> the final. Remember seeing one, paired with the 610 in a HU17 hut. The
> 610 was used as the driver. Forget what the number of this unit was.
> No doubt someone on list will know.
>
> BillHarris-w7kxb/7

>

[Non-text portions of this message have been removed]

# 4154. Re: [T-368_BC-610] Re: BC-610/HT-4 on Ten Metres?

Yahoo group: T-368_BC-610
Date: 2010-03-20 01:48:25 UTC
From: wa5cab@cs.com
Topic: 4135  Message: 4154

AN/MRC-2 through AN/MRC-2D are covered by TM 11-624 and TM 11-624A. Plus various changes. All models of AN/MRC-2 used AM-141/MRC, AM-141A/MRC or AM-141B/MRC.. All models of AM-141(*)/MRC use push-pull 833A's. I've no doubt that someone built an amp using a pair of 4-1000A's but it was something other than AM-141(*)/MRC. The plate tank coils look like BC-610 coils on steroids. The grid tank coils are BC-610 plate tank coils with low impedence fixed links. I once had the full set. And supplied them to a collector in OK who had one of the amps but whose set of coils was destroyed in a farm building fire. I think I recall that his nickname or name was Curly or Curley, and that he drove a fishtail Cadillac. On the trip down here to collect the coils, something blew out the windscreen of the Cadillac and he and his wife arrived in somewhat windblown condition. Anyway, I don't think that I ever heard anything further from Curly. And always wondered what became of the amp and the coils. I'd guess that he and his wife would be in their late 80's or early 90's today, if still alive.

In a message dated 3/19/2010 6:47:01 AM Central Standard Time,
k5pgw@... writes:
>
> What about the AM 141? I remember seeing one in a manual once upon a time.
> There was an amp that used two 4-1000A tubes. Not sure it was the AM 141.
> 73, John, K5PGW
>
>
> _____
> From: "wa5cab@..." <wa5cab@...>
> To: T-368_BC-610@yahoogroups.com
> Sent: Thu, March 18, 2010 11:14:54 PM
> Subject: Re: [T-368_BC-610] Re: BC-610/HT-4 on Ten Metres?
>
>
> AN/MRC-2. The shelter was an HO-17.
>
> In a message dated 3/18/2010 9:58:52 PM Central Standard Time,
> w7kxb@... writes:
> >I might add that in 1965 I visited a "Limited Coastal Station" in
> >Hoquiam, WA where I saw a BC-610 in operation, A1 on 468 and 500 KHz.
> >
> >
> >
> >There was also an amplifier, manufactured by B&W. It used an 833 in the
> >final. Remember seeing one, paired with the 610 in a HU17 hut. The 610
> was
> >used as the driver. Forget what the number of this unit was. No doubt
> >someone on list will know.

> >
> >BillHarris-w7kxb/ 7
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4155. Re: [T-368_BC-610] Re: BC-610/HT-4 on Ten Metres?

Yahoo group: T-368_BC-610
Date: 2010-03-20 02:24:36 UTC
From: wa5cab@cs.com
Topic: 4135  Message: 4155

I'll add this to what Bob has written. The BC-939 (and its predecessor the BC-729) were intended to match the BC-610 to the standard 15' nominal military whip antenna, and to the optional 24' whip and 45' wire antennas. When the SCR-499 (and some SCR-399 and -299) were supplied with the doublet antenna kit (later known as AN/GRA-4), the BC-939 or BC-729 were disconnected and were not used. The BC-610 with rotary link coils will match a doublet with no external tuner.

As an aside, you do not want to use fixed link coils in a BC-610 with a doublet (AKA dipole) because you have no loading control.

In a message dated 3/19/2010 10:50:02 AM Central Standard Time, rbethman@... writes:
> I will say to the group, especially those that do NOT understand, that
> the BC-939s are NOT an antenna "tuner". They are an antenna "coupler".
> The output impedance of the BC-939 is close to 300 ohms. So one must
> give some care as to how they implement this item due to possible shack
> RF issues.
>

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[Non-text portions of this message have been removed]

# 4156. Re: [T-368_BC-610] BC-610/HT-4 on Ten Metres?

Yahoo group: T-368_BC-610
Date: 2010-03-24 04:29:03 UTC
From: Larry Godek
Topic: 4135  Message: 4156

I HAVE ONE OF THOSE COILS THAT HAS THE MARKING ON THE SIDE THAT SAYS IT'SCONVERTED TO 10 meters or something like that.  I'venever opened it up to see what's been done but it looks and is stamped like it's a Mil mod.  Excuse the caps.  Darned keyboard and i'm not going back and retyping it!!!!!

Larry
W0OGH

--- On Thu, 3/11/10, Bob Richmond <w8mnq@comcast.net> wrote:

From: Bob Richmond <w8mnq@...>
Subject: Re: [T-368_BC-610] BC-610/HT-4 on Ten Metres?
To: T-368_BC-610@yahoogroups.com
Date: Thursday, March 11, 2010, 2:25 PM

Just Great!

w8mnq "the 2nd"

++++++++++++ +++++++++ +++++++++ +++++++++ +++++++++ +++++++++ +

Hi All,

Does anyone have data on coils and tuning units for 18-30Mc coverage for the '610/HT-4? I have come across a handwritten note in a post-WWII HT4-I manual that refers to a 10 metre conversion kit listed under "Spec Sheet # 93M597" and "Bill of Material" # 59X029. Where these kits generally available and how did the '610/HT-4 handle on Ten?

73

Roger/G3VKM

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4157. Re: [T-368_BC-610] Re: BC-610/HT-4 on Ten Metres?

Yahoo group: T-368_BC-610
Date: 2010-03-24 04:47:08 UTC
From: Larry Godek
Topic: 4135  Message: 4157

I have several of those smaller fixed link coils.  Thought they were for use in the final of the 610 when used with the 939.  Must be dumber than i thought! duh!  Anybody need some? I also have a tuning unit somehwere for either the 500-1000 kc or 1000 kc to 1500 kc range. Don't remember which.  No transmitter to put it in.  Just missed out on a coil for the 160 meter range couple years back.  grrrrr.

Larry
W0OGH

--- On Fri, 3/19/10, wa5cab@... <wa5cab@...> wrote:

From: wa5cab@... <wa5cab@...>
Subject: Re: [T-368_BC-610] Re: BC-610/HT-4 on Ten Metres?
To: T-368_BC-610@yahoogroups.com
Date: Friday, March 19, 2010, 6:48 PM

AN/MRC-2 through AN/MRC-2D are covered by TM 11-624 and TM 11-624A. Plus various changes. All models of AN/MRC-2 used AM-141/MRC, AM-141A/MRC or AM-141B/MRC. . All models of AM-141(*)/MRC use push-pull 833A's. I've no doubt that someone built an amp using a pair of 4-1000A's but it was something other than AM-141(*)/MRC. The plate tank coils look like BC-610 coils on steroids. The grid tank coils are BC-610 plate tank coils with low impedence fixed links. I once had the full set. And supplied them to a collector in OK who had one of the amps but whose set of coils was destroyed in a farm building fire. I think I recall that his nickname or name was Curly or Curley, and that he drove a fishtail Cadillac. On the trip down here to collect the coils, something blew out the windscreen of the Cadillac and he and his wife arrived in somewhat windblown condition. Anyway, I don't think that I ever heard anything further from Curly. And always wondered what became of the amp and the coils. I'd guess that he and his wife would be in their late 80's or early 90's today, if still alive.

In a message dated 3/19/2010 6:47:01 AM Central Standard Time,
k5pgw@yahoo. com writes:
>
> What about the AM 141? I remember seeing one in a manual once upon a time.
> There was an amp that used two 4-1000A tubes. Not sure it was the AM 141.
> 73, John, K5PGW
>
>
> __________ _________ _________ __
> From: "wa5cab@..." <wa5cab@...>
> To: T-368_BC-610@ yahoogroups. com
> Sent: Thu, March 18, 2010 11:14:54 PM
> Subject: Re: [T-368_BC-610] Re: BC-610/HT-4 on Ten Metres?
>

>
> AN/MRC-2. The shelter was an HO-17.
>
> In a message dated 3/18/2010 9:58:52 PM Central Standard Time,
> w7kxb@... writes:
> >I might add that in 1965 I visited a "Limited Coastal Station" in
> >Hoquiam, WA where I saw a BC-610 in operation, A1 on 468 and 500 KHz.
> >
> >
> >
> >There was also an amplifier, manufactured by B&W. It used an 833 in the
> >final. Remember seeing one, paired with the 610 in a HU17 hut. The 610
> was
> >used as the driver. Forget what the number of this unit was. No doubt
> >someone on list will know.
> >
> >BillHarris- w7kxb/ 7
>

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4158. T-368E Technical Manuals

Yahoo group: T-368_BC-610
Date: 2010-03-26 03:04:57 UTC
From: commtekman
Topic: 4158  Message: 4158

Hello Group,
I have had a T-368E now for about 10 years and thought I had manuals
that covered this transmitter, but to my surprise I apparently don't have anything but the
TM 11-809-10, it includes changes C1,C2,C3 & C4.
Doing some research it appears that I might also like to have
TM 11-809-20 and TM 11-809-35. My question for the group is, are
there more current TM's that cover the "E" model that I should be
looking for?

I have a very very nice BC-939A antenna tuner that I am going to sell
if someone is looking for one. Also, I have a box from 1941 or 1943
that has two (2) each coils for the BC-610 and I don't have a 610,
so I don't want to haul it to Nevada when we move.

Thanks & 73
Bob Schaefer
K6OSM

# 4159. Re: [T-368_BC-610] T-368E Technical Manuals

Yahoo group: T-368_BC-610
Date: 2010-03-26 03:44:17 UTC
From: wa5cab@cs.com
Topic: 4158  Message: 4159

Bob,

The original manual on the T-368/URT was TM 11-809 dtd 04/22/55. Based on other sets of the era, there could have been a slightly earlier Preliminary but if so I have never come across it. In 1958, TM 11-809 was replaced by TM 11-809-10, -20 and -35. Changes were published to these as later models (higher letters) came out, up through 1965 in the case of the -35 and 1973 in the case of the -10. Unlike several other sets of the era (such as R-390, R-390A and AN/GRC-19), it does not appear that that the manual set was ever revised and replaced by a Long Number set.

So you need the -20 and -35 plus any changes to the -10 that you don't have (the last was Change 5 dtd 10/19/73).

The set was assigned a long number sequence, TM 11-5820-258, in 1961 when the -20P and -35P were published (unfortunately I do not hold -35P). And there were several MWO's (Modification Work Order) published, the last that I have record of being MWO 11-5820-258-35/5 dtd 09/22/65. I don't hold /1. /3 doesn't appear to apply to the E.

So the short answer to your question is yes. I have some of them available as reprints (the only one I have extra originals of is the -10, which you have).

commtekman@... writes:
> Hello Group,
> I have had a T-368E now for about 10 years and thought I had manuals
> that covered this transmitter, but to my surprise I apparently don't have
> anything but the TM 11-809-10, it includes changes C1,C2,C3 &C4.
> Doing some research it appears that I might also like to have
> TM 11-809-20 and TM 11-809-35. My question for the group is, are
> there more current TM's that cover the "E" model that I should be
> looking for?
>

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MVPA 9480

[Non-text portions of this message have been removed]

# 4160. Re: [T-368_BC-610] T-368E Technical Manuals

Yahoo group: T-368_BC-610
Date: 2010-03-26 04:04:56 UTC
From: commtekman@aol.com
Topic: 4158  Message: 4160

Bob,

Thank you kindly for getting back to me. My TM 11-809-10, as you know is an operation manual and I am
glad to have it, but would like to find an original hard copy of the -20 and -35 manuals also, which may take some time. I guess tonight I am just gathering information. You mentioned TM 11-5820-258, I am not clear as to whether or not TM 11-809-20 & TM 11-809-35 are combined in this TM or not. I appreciate your time
and help. Occasionally "Chuck Strozier" comments on this group, he and I were in Germany 50 years ago
on the same Army base, small world!

In a message dated 3/25/2010 9:45:12 P.M. Mountain Daylight Time, wa5cab@... writes:

Bob,

The original manual on the T-368/URT was TM 11-809 dtd 04/22/55. Based on other sets of the era, there could have been a slightly earlier Preliminary
but if so I have never come across it. In 1958, TM 11-809 was replaced by TM 11-809-10, -20 and -35. Changes were published to these as later models (higher letters) came out, up through 1965 in the case of the -35 and 1973 in
the case of the -10. Unlike several other sets of the era (such as R-390, R-390A and AN/GRC-19), it does not appear that that the manual set was ever
revised and replaced by a Long Number set.

So you need the -20 and -35 plus any changes to the -10 that you don't have
(the last was Change 5 dtd 10/19/73).

The set was assigned a long number sequence, TM 11-5820-258, in 1961 when the -20P and -35P were published (unfortunately I do not hold -35P). And there were several MWO's (Modification Work Order) published, the last that I
have record of being MWO 11-5820-258-have record of being MWO 11-5820-258 /3 doesn't appear to apply to the E.

So the short answer to your question is yes. I have some of them available as reprints (the only one I have extra originals of is the -10, which you have).

_commtekman@..._ (mailto:commtekman@...) writes:
> Hello Group,

> I have had a T-368E now for about 10 years and thought I had manuals
> that covered this transmitter, but to my surprise I apparently don't
have
> anything but the TM 11-809-10, it includes changes C1,C2,C3 &C4.
> Doing some research it appears that I might also like to have
> TM 11-809-20 and TM 11-809-35. My question for the group is, are
> there more current TM's that cover the "E" model that I should be
> looking for?
>

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4161. Re: [T-368_BC-610] T-368E Technical Manuals

Yahoo group: T-368_BC-610
Date: 2010-03-26 04:28:06 UTC
From: wa5cab@cs.com
Topic: 4158  Message: 4161

Bob,

I tend to forget that most people aren't up on the various TM numbering schemes used by the Army, Navy, AAF, Naval Air and Air Force over the decades. TM 11-809 is a Short Number, from a system used by the Army from about 1938 to 1955. TM 11-5820-258-20P is a Long Number, used from around 1956 to 1958 through at least the 90's. TM 11-809-10 is an in-between, used briefly in the mid 50's. Maybe a dozen TM 11's used like that before change over to the Long Number system.

So, no. TM 11-809-20 and TM 11-809-35 were never revised as TM 11-5820-258-20 and TM 11-5820-258-35. Only the Organizational and Depot parts manuals and the MWO's got the long number format. The T-368 is one of maybe half a dozen sets that never got revised long number manuals.

In a message dated 3/25/2010 11:05:53 PM Central Daylight Time, commtekman@... writes:
> Bob,
>
> Thank you kindly for getting back to me. My TM 11-809-10, as you know is
> an
> operation manual and I am
> glad to have it, but would like to find an original hard copy of the -20
> and -35 manuals also, which may take some time. I guess tonight I am just
>
> gathering information. You mentioned TM 11-5820-258, I am not clear
> as to whether or not TM 11-809-20 &TM 11-809-35 are combined in this TM
> or not. I appreciate your time
> and help. Occasionally "Chuck Strozier" comments on this group, he and I
> were in Germany 50 years ago
> on the same Army base, small world!
>
>
>
> In a message dated 3/25/2010 9:45:12 P.M. Mountain Daylight Time,
> wa5cab@... writes:
>
>
>
>
> Bob,
>
> The original manual on the T-368/URT was TM 11-809 dtd 04/22/55. Based on
>
> other sets of the era, there could have been a slightly earlier
> Preliminary

> but if so I have never come across it. In 1958, TM 11-809 was replaced by
>
> TM 11-809-10, -20 and -35. Changes were published to these as later
> models
> (higher letters) came out, up through 1965 in the case of the -35 and
> 1973
> in
> the case of the -10. Unlike several other sets of the era (such as R-390,
>
> R-390A and AN/GRC-19), it does not appear that that the manual set was
> ever
> revised and replaced by a Long Number set.
>
> So you need the -20 and -35 plus any changes to the -10 that you don't
> have
> (the last was Change 5 dtd 10/19/73).
>
> The set was assigned a long number sequence, TM 11-5820-258, in 1961 when
>
> the -20P and -35P were published (unfortunately I do not hold -35P). And
> there were several MWO's (Modification Work Order) published, the last
> that I
> have record of being MWO 11-5820-258-have record of being MWO
> 11-5820-258
> /3 doesn't appear to apply to the E.
>
> So the short answer to your question is yes. I have some of them
> available
> as reprints (the only one I have extra originals of is the -10, which you
>
> have).
>
> _commtekman@..._ (mailto:commtekman@...) writes:
> >Hello Group,
> >I have had a T-368E now for about 10 years and thought I had manuals
> >that covered this transmitter, but to my surprise I apparently don't
> have
> >anything but the TM 11-809-10, it includes changes C1,C2,C3 &C4.
> >Doing some research it appears that I might also like to have
> >TM 11-809-20 and TM 11-809-35. My question for the group is, are
> >there more current TM's that cover the "E" model that I should be
> >looking for?
> >
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4162. Re: [T-368_BC-610] T-368E Technical Manuals

Yahoo group: T-368_BC-610
Date: 2010-03-26 04:42:53 UTC
From: commtekman@aol.com
Topic: 4158  Message: 4162

Bob,

Thanks for clearing this up. I probably have been chasing my tail to some extent on looking for manuals.

73,
Bob
K6OSM

In a message dated 3/25/2010 10:28:38 P.M. Mountain Daylight Time, wa5cab@... writes:

Bob,

I tend to forget that most people aren't up on the various TM numbering schemes used by the Army, Navy, AAF, Naval Air and Air Force over the decades.
TM 11-809 is a Short Number, from a system used by the Army from about 1938
to 1955. TM 11-5820-258-to 1955. TM 11-5820-258-<WBR>20P is a Long Number, 1958 through at least the 90's. TM 11-809-10 is an in-between, used briefly in
the mid 50's. Maybe a dozen TM 11's used like that before change over to the Long Number system.

So, no. TM 11-809-20 and TM 11-809-35 were never revised as TM 11-5820-258-11-5820-258-<WBR>20 an11-5820-258-<WBR>20 and TM 11-5820-258-<WBR>35. Only
and the MWO's got the long number format. The T-368 is one of maybe half a dozen sets that never got revised long number manuals.

In a message dated 3/25/2010 11:05:53 PM Central Daylight Time, _commtekman@..._ (mailto:commtekman@aol.com) writes:
> Bob,
>
> Thank you kindly for getting back to me. My TM 11-809-10, as you know is
> an
> operation manual and I am
> glad to have it, but would like to find an original hard copy of the -20
> and -35 manuals also, which may take some time. I guess tonight I am
just
>
> gathering information. You mentioned TM 11-5820-258, I am not clear
> as to whether or not TM 11-809-20 &TM 11-809-35 are combined in this TM
> or not. I appreciate your time
> and help. Occasionally "Chuck Strozier" comments on this group, he and I
> were in Germany 50 years ago

> on the same Army base, small world!
>
>
>
> In a message dated 3/25/2010 9:45:12 P.M. Mountain Daylight Time,
> _wa5cab@..._ (mailto:wa5cab@...) writes:
>
>
>
>
>
> Bob,
>
> The original manual on the T-368/URT was TM 11-809 dtd 04/22/55. Based
on
>
> other sets of the era, there could have been a slightly earlier
> Preliminary
> but if so I have never come across it. In 1958, TM 11-809 was replaced
by
>
> TM 11-809-10, -20 and -35. Changes were published to these as later
> models
> (higher letters) came out, up through 1965 in the case of the -35 and
> 1973
> in
> the case of the -10. Unlike several other sets of the era (such as
R-390,
>
> R-390A and AN/GRC-19), it does not appear that that the manual set was
> ever
> revised and replaced by a Long Number set.
>
> So you need the -20 and -35 plus any changes to the -10 that you don't
> have
> (the last was Change 5 dtd 10/19/73).
>
> The set was assigned a long number sequence, TM 11-5820-258, in 1961
when
>
> the -20P and -35P were published (unfortunately I do not hold -35P). And
> there were several MWO's (Modification Work Order) published, the last
> that I
> have record of being MWO 11-5820-258- have record of being
> 11-5820-258
> /3 doesn't appear to apply to the E.
>
> So the short answer to your question is yes. I have some of them
> available
> as reprints (the only one I have extra originals of is the -10, which
you

>
> have).
>
> __commtekman@_commte_ (mailto:_commtekman@...) _
(mailto:_commtekman@..._ (mailto:commtekman@...) ) writes:
> >Hello Group,
> >I have had a T-368E now for about 10 years and thought I had manuals
> >that covered this transmitter, but to my surprise I apparently don't
> have
> >anything but the TM 11-809-10, it includes changes C1,C2,C3 &C4.
> >Doing some research it appears that I might also like to have
> >TM 11-809-20 and TM 11-809-35. My question for the group is, are
> >there more current TM's that cover the "E" model that I should be
> >looking for?
> >
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4163. Re: [T-368_BC-610] T-368E Technical Manuals

Yahoo group: T-368_BC-610
Date: 2010-03-26 04:47:29 UTC
From: wa5cab@cs.com
Topic: 4158  Message: 4163

You're welcome. Good luck in your search for originals. I some 40 years of collecting manuals, I've come across several TM 11-809-10's, one -20 and two -35's.

In a message dated 3/25/2010 11:43:51 PM Central Daylight Time, commtekman@... writes:

> Bob,
>
> Thanks for clearing this up. I probably have been chasing my tail to some
>
> extent on looking for manuals.
>
> 73,
> Bob

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4164. BC-610 Stuff

Yahoo group: T-368_BC-610
Date: 2010-03-26 23:34:02 UTC
From: commtekman
Topic: 1066  Message: 4164

I have a number of items that are for a BC-610, probably a BC-610E model. I have an original manual with signal corps insignia on the front and a date of about 1942, also I have an old envelope that
contains tuning cards for the "E" model. Also, I have a BC-939A
antenna tuner and last, a big old heavy box with brand new coils,
two (2) each for the complete tuning range. This box contains coils
wrapped in some kind of tinfoil and they have never been opened before.
Since I do not intend to ever own a BC-610, I would like the members of this list to have the first chance of owning this stuff if interested. I will consider any offers on any of these items.

Bob Schaefer
K6OSM
commtekman@...
208-634-5530

# 4165. Re: [T-368_BC-610] BC-610 Stuff

Yahoo group: T-368_BC-610
Date: 2010-03-27 00:49:52 UTC
From: Barrie Smith
Topic: 1066  Message: 4165

I'd certainly like to have the coils. I don't own a BC-610, but I do have an HT-4B, which is the earlier, civilian version.

Barrie, W7ALW
----- Original Message -----
From: commtekman
To: T-368_BC-610@yahoogroups.com
Sent: Friday, March 26, 2010 5:34 PM
Subject: [T-368_BC-610] BC-610 Stuff

I have a number of items that are for a BC-610, probably a BC-610E model. I have an original manual with signal corps insignia on the front and a date of about 1942, also I have an old envelope that
contains tuning cards for the "E" model. Also, I have a BC-939A
antenna tuner and last, a big old heavy box with brand new coils,
two (2) each for the complete tuning range. This box contains coils
wrapped in some kind of tinfoil and they have never been opened before.
Since I do not intend to ever own a BC-610, I would like the members of this list to have the first chance of owning this stuff if interested. I will consider any offers on any of these items.

Bob Schaefer
K6OSM
commtekman@...
208-634-5530

[Non-text portions of this message have been removed]

# 4166. Re: [T-368_BC-610] BC-610 Stuff

Yahoo group: T-368_BC-610
Date: 2010-03-27 00:55:35 UTC
From: bob mccully
Topic: 1066  Message: 4166

Bob, I would like thr tuning cards.  My E model didn't come with any.  Bob McCully  AB8OP

[Non-text portions of this message have been removed]

# 4167. Re: BC-610 Stuff

Yahoo group: T-368_BC-610
Date: 2010-03-27 02:02:30 UTC
From: commtekman
Topic: 1066  Message: 4167

I made it to the garage door that had the box, there is about
four feet of snow in front of it. The box with the coils is
marked: Rotary coil sets, 12-1944, Barker & Williamson, sets
1735-1741, (2) each. High frequency end was 18 Mc, couldn't read
the low frequency end printed on the box. Hope this helps-
Bob
K6OSM

--- In T-368_BC-610@yahoogroups.com, "commtekman" <commtekman@...> wrote:
>
> I have a number of items that are for a BC-610, probably a BC-610E model. I have an original manual with signal corps insignia on the front and a date of about 1942, also I have an old envelope that
> contains tuning cards for the "E" model. Also, I have a BC-939A
> antenna tuner and last, a big old heavy box with brand new coils,
> two (2) each for the complete tuning range. This box contains coils
> wrapped in some kind of tinfoil and they have never been opened before.
> Since I do not intend to ever own a BC-610, I would like the members of this list to have the first chance of owning this stuff if interested. I will consider any offers on any of these items.
>
> Bob Schaefer
> K6OSM
> commtekman@...
> 208-634-5530
>

# 4168. Re: [T-368_BC-610] T-368E Technical Manuals

Yahoo group: T-368_BC-610
Date: 2010-03-27 23:49:12 UTC
From: w5kgz@yahoo.com
Topic: 4158  Message: 4168

Bob have you disposed of the coil sets for the BC610 ?? if not please let me know what you wouild take for them as I have three bc610 and none have
a complete set of coil for them.,  Thanks
Perry Mason
W5KGZ AMer

---
From: commtekman <commtekman@...>
To: T-368_BC-610@yahoogroups.com
Sent: Thu, March 25, 2010 10:04:57 PM
Subject: [T-368_BC-610] T-368E Technical Manuals

Hello Group,
I have had a T-368E now for about 10 years and thought I had manuals
that covered this transmitter, but to my surprise I apparently don't have anything but the TM 11-809-10, it includes changes C1,C2,C3 & C4.
Doing some research it appears that I might also like to have
TM 11-809-20 and TM 11-809-35. My question for the group is, are
there more current TM's that cover the "E" model that I should be
looking for?

I have a very very nice BC-939A antenna tuner that I am going to sell
if someone is looking for one. Also, I have a box from 1941 or 1943
that has two (2) each coils for the BC-610 and I don't have a 610,
so I don't want to haul it to Nevada when we move.

Thanks & 73
Bob Schaefer
K6OSM

[Non-text portions of this message have been removed]

# 4169. Re: [T-368_BC-610] T-368E Technical Manuals

Yahoo group: T-368_BC-610
Date: 2010-03-28 02:49:30 UTC
From: commtekman@aol.com
Topic: 4158  Message: 4169

Hello Perry,
I have several people interested in the coils and have received some offers. I didn't really want to make
this an Ebay thing, just thought people could make a decision if they were interested in any or all of the stuff and submit an offer and then I would sell to the highest offer. I don't plan on ever getting a 610 as I have a T-3 and that's enough for me. These coils are in a Signal Corps box from 1944, only 66 years ago!
I plan on waiting a week so most people will have had a chance to find out about this stuff and then end it.
BTW, I have a WRL Globe King 500B that I want to get rid of if you know of anyone?

73,

Bob Schaefer
K6OSM

In a message dated 3/27/2010 5:49:15 P.M. Mountain Daylight Time, w5kgz@yahoo.com writes:

Bob have you disposed of the coil sets for the BC610 ?? if not please let me know what you wouild take for them as I have three bc610 and none have a complete set of coil for them., Thanks
Perry Mason
W5KGZ AMer

---
From: commtekman <_commtekman@..._ (mailto:commtekman@...) >
To: _T-368_BC-610@T-368_BC-610T-3_ (mailto:T-368_BC-610@yahoogroups.com)
Sent: Thu, March 25, 2010 10:04:57 PM
Subject: [T-368_BC-610] T-368E Technical Manuals

Hello Group,
I have had a T-368E now for about 10 years and thought I had manuals that covered this transmitter, but to my surprise I apparently don't have anything but the TM 11-809-10, it includes changes C1,C2,C3 & C4.
Doing some research it appears that I might also like to have
TM 11-809-20 and TM 11-809-35. My question for the group is, are there more current TM's that cover the "E" model that I should be looking for?

I have a very very nice BC-939A antenna tuner that I am going to sell if someone is looking for one. Also, I have a box from 1941 or 1943 that has two (2) each coils for the BC-610 and I don't have a 610, so I don't want to haul it to Nevada when we move.

Thanks & 73
Bob Schaefer
K6OSM

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4170. Re: [T-368_BC-610] T-368E Technical Manuals

Yahoo group: T-368_BC-610
Date: 2010-03-30 15:21:52 UTC
From: Larry Godek
Topic: 4158  Message: 4170

Bob,

Where in Nevada are you moving to?  Reno area?

Larry
W0OGH

--- On Thu, 3/25/10, commtekman <commtekman@...> wrote:

From: commtekman <commtekman@...>
Subject: [T-368_BC-610] T-368E Technical Manuals
To: T-368_BC-610@yahoogroups.com
Date: Thursday, March 25, 2010, 8:04 PM

Hello Group,

I have had a T-368E now for about 10 years and thought I had manuals

that covered this transmitter, but to my surprise I apparently don't have anything but the TM 11-809-10, it includes changes C1,C2,C3 & C4.

Doing some research it appears that I might also like to have

TM 11-809-20 and TM 11-809-35. My question for the group is, are

there more current TM's that cover the "E" model that I should be

looking for?

I have a very very nice BC-939A antenna tuner that I am going to sell

if someone is looking for one. Also, I have a box from 1941 or 1943

that has two (2) each coils for the BC-610 and I don't have a 610,

so I don't want to haul it to Nevada when we move.

Thanks & 73

Bob Schaefer

K6OSM

[Non-text portions of this message have been removed]

# 4171. Re: [T-368_BC-610] T-368E Technical Manuals

Yahoo group: T-368_BC-610
Date: 2010-03-30 22:47:18 UTC
From: commtekman@aol.com
Topic: 4158  Message: 4171

Larry,

We are interested in moving to Gardnerville, that is the area just south of Carson City-

Bob
K6OSM

In a message dated 3/30/2010 9:22:33 A.M. Mountain Daylight Time, tel1grapher@... writes:

Bob,

Where in Nevada are you moving to? Reno area?

Larry
W0OGH

--- On Thu, 3/25/10, commtekman <_commtekman@..._ (mailto:commtekman@...) > wrote:

From: commtekman <_commtekman@..._ (mailto:commtekman@...) >
Subject: [T-368_BC-610] T-368E Technical Manuals
To: _T-368_BC-610@T-368_BC-610T-3_ (mailto:T-368_BC-610@yahoogroups.com)
Date: Thursday, March 25, 2010, 8:04 PM

Hello Group,

I have had a T-368E now for about 10 years and thought I had manuals

that covered this transmitter, but to my surprise I apparently don't have anything but the TM 11-809-10, it includes changes C1,C2,C3 & C4.

Doing some research it appears that I might also like to have

TM 11-809-20 and TM 11-809-35. My question for the group is, are

there more current TM's that cover the "E" model that I should be

looking for?

I have a very very nice BC-939A antenna tuner that I am going to sell

if someone is looking for one. Also, I have a box from 1941 or 1943

that has two (2) each coils for the BC-610 and I don't have a 610,

so I don't want to haul it to Nevada when we move.

Thanks & 73

Bob Schaefer

K6OSM

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4172. BC-610E on the bay

Yahoo group: T-368_BC-610
Date: 2010-04-01 21:23:31 UTC
From: neil277@juno.com
Topic: 4172  Message: 4172

Just spotted a BC-610E on eBay; item 230456206207. Located in Atlanta. In the photos, I see a lot of rust, one broken tube and 10 tune units (no model numbers). No info on output coils. No bids so far.

not mine

Neil, N4SI

_____
5000% Gain on Stock!
Perfect 2009 Penny Stocks Record! Never Lose with Penny Stocks Again!
http://thirdpartyoffers.juno.com/TGL3141/4bb50eda5f7cc55316st05vuc

# 4173. tn-339 tuner hookup?

Yahoo group: T-368_BC-610
Date: 2010-05-15 20:52:54 UTC
From: ke7trp
Topic: 4173  Message: 4173

Hello.. I have 809, 35, 10 and 20 manuals. The Tuner 939 or 339 is mentioned several times. However, They do not mention hook up of the antenna or type/length of antenna.

1.Was there a guidline for the length of the long wire? There must be as there is a tuning chart

2. How did the whip antenna hook up? Was it coax fed from tuning unit to whip?

I would like to use my T368C with 339 tuner to load a Vertical antenna. The antenna I have is a military antenna used on a ship or boat. I do not know its type or name. It has a HUGE ceramic insulator about 14+ inches in diameter. This base, must weigh several hundred pounds. The Whip seems to be 50 or 60 ft tall. I have not measured it. Its laying down taken apart.

The Transmitter/tuner will be at least 75 ft from the antenna. I am unsure how the best way to hook this up is as I have little info on the tuner itself.

Is there another manual I need?

Thanks alot!

Clark

# 4174. Re: [T-368_BC-610] tn-339 tuner hookup?

Yahoo group: T-368_BC-610
Date: 2010-05-15 21:38:41 UTC
From: rbethman
Topic: 4173  Message: 4174

The tuner for the BC-610, the BC-939, was attached directly to the top of the transmitter. The open rear of the BC-939 fed directly out its back to the bottom conductor of the whip that was mounted directly to the enclosure on a 90 degree base that bolted to the comm shelter.

There was never a method to have the whip the distance away from the tuner, (A misnomer - it is a "coupler".), as you are describing.

Neither was there a "whip" on vehicles that was 50 to 60 feet in length.

The manual you need is TM 11-826 that covers the BC-610 family tree and the BC-939. (Should be the same as the TN-339.)

The "long" wire used with these "couplers" are in their respective TMs, and the BC-939 is in the TM 11-826.

It can be located at: <http://eshop1.chem.buffalo.edu/>

In fact, there is a quote there:

The BC-939(*) antenna coupler, is not an antenna tuner, it couples the RF from the transmitter to the
antenna only. It does this by presenting a 50 ohm load to the transmitter, and then passing RF on to the
antenna, which can be either an end-fed long-wire configuration, or a 15 foot whip, fed at the base.

The 15 foot whip is what was normally mounted on vehicles for use with either the BC-610 OR the T-368.

The whip you are describing MUST have come from a ship. Think about a vehicle going down a road with a whip that long! The first energized power line takes out the tires! <Saw that on even the 15 foot whip when the driver didn't pay attention to the sign at a maingate overseas that warned about LOW STRUNG HIGH VOLTAGE LINES - LOWER ANTENNAS!>

Bob - N0DGN

On 5/15/2010 4:52 PM, ke7trp wrote:
>
> Hello.. I have 809, 35, 10 and 20 manuals. The Tuner 939 or 339 is
> mentioned several times. However, They do not mention hook up of the
> antenna or type/length of antenna.
>
> 1.Was there a guidline for the length of the long wire? There must be
> as there is a tuning chart
>
> 2. How did the whip antenna hook up? Was it coax fed from tuning unit

> to whip?
>
> I would like to use my T368C with 339 tuner to load a Vertical
> antenna. The antenna I have is a military antenna used on a ship or
> boat. I do not know its type or name. It has a HUGE ceramic insulator
> about 14+ inches in diameter. This base, must weigh several hundred
> pounds. The Whip seems to be 50 or 60 ft tall. I have not measured it.
> Its laying down taken apart.
>
> The Transmitter/tuner will be at least 75 ft from the antenna. I am
> unsure how the best way to hook this up is as I have little info on
> the tuner itself.
>
> Is there another manual I need?
>
> Thanks alot!
>
> Clark
>
>

--
+-----------------------------------------------------------------+
| AM Amateur Radio Operator NØDGN |
+-----------------------------------------------------------------+
| http://home.comcast.net/~rbethman/ |
+-----------------------------------------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| \\ ~ ~ // signal does *NOT* mean |
| rbethman@comcast.net (/ @ @ /) that everything is OK " |
+----------------------o00o---°(_)°---o00o-------------------------+

[Non-text portions of this message have been removed]

# 4175. Re: [T-368_BC-610] tn-339 tuner hookup?

Yahoo group: T-368_BC-610
Date: 2010-05-15 21:39:19 UTC
From: Alan Morriss
Topic: 4173  Message: 4175

hello clark, the bc 939 antenna coupler can only be used in very restricted conditions. in table iv the exact lengths of long wires are specified. range 2 to10 mhz and15 to 18, 25 feet. 2 to 6 and 11 to 18, 25 feet. 2 to 4 and 10 to 18, 45 feet. 2 to 3 and 9 to 18, 65 feet. the whip antenna can have extra sections added.
the 939 is mounted on top of the bc 610,and a short piece of wire connects it to the base of the whip at the bottom of the insulator. it is connected to the bc 610 bu a short piece of 75 ohm coax.the "long wire" can be connected to the base instead of the whip.
the best way to match a doublet is by something like a johnson kilowatt matchbox. i find the proper coax works beautifully into a resonant dipole, but any other piece of coax does not. alan g4gen
the 939 will not work any other way.
----- Original Message -----
From: ke7trp
To: T-368_BC-610@yahoogroups.com
Sent: Saturday, May 15, 2010 9:52 PM
Subject: [T-368_BC-610] tn-339 tuner hookup?

Hello.. I have 809, 35, 10 and 20 manuals. The Tuner 939 or 339 is mentioned several times. However, They do not mention hook up of the antenna or type/length of antenna.

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The Transmitter/tuner will be at least 75 ft from the antenna. I am unsure how the best way to hook this up is as I have little info on the tuner itself.

Is there another manual I need?

Thanks alot!

Clark

[Non-text portions of this message have been removed]

# 4176. Re: tn-339 tuner hookup?

Yahoo group: T-368_BC-610
Date: 2010-05-15 22:26:02 UTC
From: ke7trp
Topic: 4173  Message: 4176

Why dont you try reading my post BEFORE you answer? I stated that the vertical I have is for a ship and never once even mentioned a vehicle.

The thing is used with a long wire antenna. That means, I can too :) Thanks for the lesson on coupler vs tuner OM.

I will look up or order the antenna manuals and I am sure those will help me.

Thanks

C

I will look up the manuals for the antennas and that will

--- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@...> wrote:
>
> The tuner for the BC-610, the BC-939, was attached directly to the top
> of the transmitter. The open rear of the BC-939 fed directly out its
> back to the bottom conductor of the whip that was mounted directly to
> the enclosure on a 90 degree base that bolted to the comm shelter.
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> There was never a method to have the whip the distance away from the
> tuner, (A misnomer - it is a "coupler".), as you are describing.
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> Neither was there a "whip" on vehicles that was 50 to 60 feet in length.
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> The manual you need is TM 11-826 that covers the BC-610 family tree and
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> The "long" wire used with these "couplers" are in their respective TMs,
> and the BC-939 is in the TM 11-826.
>
> It can be located at: <http://eshop1.chem.buffalo.edu/>
>
> In fact, there is a quote there:
>
> The BC-939(*) antenna coupler, is not an antenna tuner, it couples
> the RF from the transmitter to the
> antenna only. It does this by presenting a 50 ohm load to the
> transmitter, and then passing RF on to the
> antenna, which can be either an end-fed long-wire configuration, or
> a 15 foot whip, fed at the base.
>
> The 15 foot whip is what was normally mounted on vehicles for use with
> either the BC-610 OR the T-368.
>

> The whip you are describing MUST have come from a ship. Think about a
> vehicle going down a road with a whip that long! The first energized
> power line takes out the tires! <Saw that on even the 15 foot whip when
> the driver didn't pay attention to the sign at a maingate overseas that
> warned about LOW STRUNG HIGH VOLTAGE LINES - LOWER ANTENNAS!>
>
> Bob - N0DGN
>
>
>
>
> On 5/15/2010 4:52 PM, ke7trp wrote:
> >
> > Hello.. I have 809, 35, 10 and 20 manuals. The Tuner 939 or 339 is
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> >
> > 2. How did the whip antenna hook up? Was it coax fed from tuning unit
> > to whip?
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> > I would like to use my T368C with 339 tuner to load a Vertical
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> > about 14+ inches in diameter. This base, must weigh several hundred
> > pounds. The Whip seems to be 50 or 60 ft tall. I have not measured it.
> > Its laying down taken apart.
> >
> > The Transmitter/tuner will be at least 75 ft from the antenna. I am
> > unsure how the best way to hook this up is as I have little info on
> > the tuner itself.
> >
> > Is there another manual I need?
> >
> > Thanks alot!
> >
> > Clark
> >
> >
>
> --
> +-----------------------------------------------------------------+
> | AM Amateur Radio Operator NØDGN |
> +-----------------------------------------------------------------+
> | http://home.comcast.net/~rbethman/ |
> +-----------------------------------------------------------------+
> | Bob Bethman \\\|/// " The absence of a danger |
> | \\ ~ ~ // signal does *NOT* mean |

> | rbethman@... (/ @ @ /) that everything is OK " |
> +----------------------o00o---°(_)°---o00o-------------------------+
>
>
>
> [Non-text portions of this message have been removed]
>

# 4177. Re: tn-339 tuner hookup?

Yahoo group: T-368_BC-610
Date: 2010-05-15 22:29:10 UTC
From: ke7trp
Topic: 4173  Message: 4177

Thanks for the lengths and information Alan. I really appretiate it. The hookup is clear. Now, I will design a system of how to hook up my vertical.

C

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello clark, the bc 939 antenna coupler can only be used in very restricted conditions. in table iv the exact lengths of long wires are specified. range 2 to10 mhz and15 to 18, 25 feet. 2 to 6 and 11 to 18, 25 feet. 2 to 4 and 10 to 18, 45 feet. 2 to 3 and 9 to 18, 65 feet. the whip antenna can have extra sections added.
> the 939 is mounted on top of the bc 610,and a short piece of wire connects it to the base of the whip at the bottom of the insulator. it is connected to the bc 610 bu a short piece of 75 ohm coax.the "long wire" can be connected to the base instead of the whip.
> the best way to match a doublet is by something like a johnson kilowatt matchbox. i find the proper coax works beautifully into a resonant dipole, but any other piece of coax does not. alan g4gen
> the 939 will not work any other way.
> ----- Original Message -----
> From: ke7trp
> To: T-368_BC-610@yahoogroups.com
> Sent: Saturday, May 15, 2010 9:52 PM
> Subject: [T-368_BC-610] tn-339 tuner hookup?
>
>
>
> Hello.. I have 809, 35, 10 and 20 manuals. The Tuner 939 or 339 is mentioned several times. However, They do not mention hook up of the antenna or type/length of antenna.
>
> 1.Was there a guidline for the length of the long wire? There must be as there is a tuning chart
>
> 2. How did the whip antenna hook up? Was it coax fed from tuning unit to whip?
>
> I would like to use my T368C with 339 tuner to load a Vertical antenna. The antenna I have is a military antenna used on a ship or boat. I do not know its type or name. It has a HUGE ceramic insulator about 14+ inches in diameter. This base, must weigh several hundred pounds. The Whip seems to be 50 or 60 ft tall. I have not measured it. Its laying down taken apart.
>
> The Transmitter/tuner will be at least 75 ft from the antenna. I am unsure how the best way to hook this up is as I have little info on the tuner itself.
>
> Is there another manual I need?
>

> Thanks alot!
>
> Clark
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 4178. RE: [T-368_BC-610] Re: tn-339 tuner hookup?

Yahoo group: T-368_BC-610
Date: 2010-05-15 23:08:08 UTC
From: Mike Feher
Topic: 4173  Message: 4178

You are way over reacting for someone who obviously does not know what he is doing. My recommendation is to get rid of the 939 and use a matching network at the base of the ship's whip. You will have to change it when you change bands. That way you can feed it with 50 ohm coax directly. I have a T-368F and I use an inverted V at 75 feet with each leg 145 feet long. Feed it with home brew ladder line with 6 inch spacing. In the shack, where the ladder line comes in, is a monstrous tuner I built and it works great on all bands. I have had many 939s over the years and never found a reason to keep them, as I do not intend on using my T-368 with a short whip in a truck. Open your mind, learn a few things, and then best of luck. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of ke7trp
Sent: Saturday, May 15, 2010 6:26 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] Re: tn-339 tuner hookup?

Why dont you try reading my post BEFORE you answer? I stated that the vertical I have is for a ship and never once even mentioned a vehicle.

The thing is used with a long wire antenna. That means, I can too :) Thanks for the lesson on coupler vs tuner OM.

I will look up or order the antenna manuals and I am sure those will help me.

Thanks

C

I will look up the manuals for the antennas and that will

--- In T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>, rbethman <rbethman@...> wrote:
>
> The tuner for the BC-610, the BC-939, was attached directly to the top
> of the transmitter. The open rear of the BC-939 fed directly out its
> back to the bottom conductor of the whip that was mounted directly to
> the enclosure on a 90 degree base that bolted to the comm shelter.
>

> There was never a method to have the whip the distance away from the
> tuner, (A misnomer - it is a "coupler".), as you are describing.
>
> Neither was there a "whip" on vehicles that was 50 to 60 feet in length.
>
> The manual you need is TM 11-826 that covers the BC-610 family tree and
> the BC-939. (Should be the same as the TN-339.)
>
> The "long" wire used with these "couplers" are in their respective TMs,
> and the BC-939 is in the TM 11-826.
>
> It can be located at: <http://eshop1.chem.buffalo.edu/>
>
> In fact, there is a quote there:
>
> The BC-939(*) antenna coupler, is not an antenna tuner, it couples
> the RF from the transmitter to the
> antenna only. It does this by presenting a 50 ohm load to the
> transmitter, and then passing RF on to the
> antenna, which can be either an end-fed long-wire configuration, or
> a 15 foot whip, fed at the base.
>
> The 15 foot whip is what was normally mounted on vehicles for use with
> either the BC-610 OR the T-368.
>
> The whip you are describing MUST have come from a ship. Think about a
> vehicle going down a road with a whip that long! The first energized
> power line takes out the tires! <Saw that on even the 15 foot whip when
> the driver didn't pay attention to the sign at a maingate overseas that
> warned about LOW STRUNG HIGH VOLTAGE LINES - LOWER ANTENNAS!>
>
> Bob - N0DGN
>
>
>
>
> On 5/15/2010 4:52 PM, ke7trp wrote:
> >
> > Hello.. I have 809, 35, 10 and 20 manuals. The Tuner 939 or 339 is
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> > 1.Was there a guidline for the length of the long wire? There must be
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> > I would like to use my T368C with 339 tuner to load a Vertical
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> > boat. I do not know its type or name. It has a HUGE ceramic insulator
> > about 14+ inches in diameter. This base, must weigh several hundred
> > pounds. The Whip seems to be 50 or 60 ft tall. I have not measured it.
> > Its laying down taken apart.
> >
> > The Transmitter/tuner will be at least 75 ft from the antenna. I am
> > unsure how the best way to hook this up is as I have little info on
> > the tuner itself.
> >
> > Is there another manual I need?
> >
> > Thanks alot!
> >
> > Clark

[Non-text portions of this message have been removed]

# 4179. Re: [T-368_BC-610] Re: tn-339 tuner hookup?

Yahoo group: T-368_BC-610
Date: 2010-05-15 23:19:18 UTC
From: commtekman@aol.com
Topic: 4173  Message: 4179

The information that Mike is offering is good, as well as some of the other comments-

Bob Schaefer, K6OSM
U.S. Merchant Marine Radio Officer

In a message dated 5/15/2010 5:08:28 P.M. Mountain Daylight Time, n4fs@... writes:

You are way over reacting for someone who obviously does not know what he is
doing. My recommendation is to get rid of the 939 and use a matching network
at the base of the ship's whip. You will have to change it when you change bands. That way you can feed it with 50 ohm coax directly. I have a T-368F and I use an inverted V at 75 feet with each leg 145 feet long. Feed it with
home brew ladder line with 6 inch spacing. In the shack, where the ladder line comes in, is a monstrous tuner I built and it works great on all bands.
I have had many 939s over the years and never found a reason to keep them, as I do not intend on using my T-368 with a short whip in a truck. Open your
mind, learn a few things, and then best of luck. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: _T-368_BC-610@yahoogroups.com_ (mailto:T-368_BC-610@yahoogroups.com) [mailto:_T-368_BC-610@yahoogroups.com_ (mailto:T-368_BC-610@yahoogroups.com) ] On Behalf Of ke7trp
Sent: Saturday, May 15, 2010 6:26 PM
To: _T-368_BC-610@yahoogroups.com_ (mailto:T-368_BC-610@yahoogroups.com)
Subject: [T-368_BC-610] Re: tn-339 tuner hookup?

Why dont you try reading my post BEFORE you answer? I stated that the vertical I have is for a ship and never once even mentioned a vehicle.

The thing is used with a long wire antenna. That means, I can too :) Thanks for the lesson on coupler vs tuner OM.

I will look up or order the antenna manuals and I am sure those will help me.

Thanks

C

I will look up the manuals for the antennas and that will

--- In _T-368_BC-610@...m_ (mailto:T-368_BC-610@yahoogroups.com) <mailto:T-368_BC-610%40yahoogroups.com>
, rbethman <rbethman@...> wrote:
>
> The tuner for the BC-610, the BC-939, was attached directly to the top
> of the transmitter. The open rear of the BC-939 fed directly out its
> back to the bottom conductor of the whip that was mounted directly to
> the enclosure on a 90 degree base that bolted to the comm shelter.
>
> There was never a method to have the whip the distance away from the
> tuner, (A misnomer - it is a "coupler".), as you are describing.
>
> Neither was there a "whip" on vehicles that was 50 to 60 feet in length.
>
> The manual you need is TM 11-826 that covers the BC-610 family tree and
> the BC-939. (Should be the same as the TN-339.)
>
> The "long" wire used with these "couplers" are in their respective TMs,
> and the BC-939 is in the TM 11-826.
>
> It can be located at: <_http://eshop1.chem.buffalo.edu/_
(http://eshop1.chem.buffalo.edu/) >
>
> In fact, there is a quote there:
>
> The BC-939(*) antenna coupler, is not an antenna tuner, it couples
> the RF from the transmitter to the
> antenna only. It does this by presenting a 50 ohm load to the
> transmitter, and then passing RF on to the
> antenna, which can be either an end-fed long-wire configuration, or
> a 15 foot whip, fed at the base.
>
> The 15 foot whip is what was normally mounted on vehicles for use with
> either the BC-610 OR the T-368.
>
> The whip you are describing MUST have come from a ship. Think about a
> vehicle going down a road with a whip that long! The first energized
> power line takes out the tires! <Saw that on even the 15 foot whip when
> the driver didn't pay attention to the sign at a maingate overseas that
> warned about LOW STRUNG HIGH VOLTAGE LINES - LOWER ANTENNAS!>
>
> Bob - N0DGN
>

>
>
>
> On 5/15/2010 4:52 PM, ke7trp wrote:
> >
> > Hello.. I have 809, 35, 10 and 20 manuals. The Tuner 939 or 339 is
> > mentioned several times. However, They do not mention hook up of the
> > antenna or type/length of antenna.
> >
> > 1.Was there a guidline for the length of the long wire? There must be
> > as there is a tuning chart
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> > I would like to use my T368C with 339 tuner to load a Vertical
> > antenna. The antenna I have is a military antenna used on a ship or
> > boat. I do not know its type or name. It has a HUGE ceramic insulator
> > about 14+ inches in diameter. This base, must weigh several hundred
> > pounds. The Whip seems to be 50 or 60 ft tall. I have not measured it.
> > Its laying down taken apart.
> >
> > The Transmitter/tuner will be at least 75 ft from the antenna. I am
> > unsure how the best way to hook this up is as I have little info on
> > the tuner itself.
> >
> > Is there another manual I need?
> >
> > Thanks alot!
> >
> > Clark

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4180. Re: [T-368_BC-610] Re: tn-339 tuner hookup?

Yahoo group: T-368_BC-610
Date: 2010-05-15 23:43:12 UTC
From: wa5cab@cs.com
Topic: 4173  Message: 4180

Roughly Mid-War (depending upon where you lived) there was a doublet (dipole) antenna made available for the SCR-299/399/499. With it, you had to have the rotary link plate tank coils (else you could not adjust the loading) and you did not use the BC-939-A. FWIW, the Doublet stayed in service into the 70's, although the nomenclature changed twice.

If someone mentioned this, I missed it. Within the limits of the end fed wire table Alan posted, the BC-939-A, -B and TN-339/GR could match the roughly 50' vertical. But not anywhere other than at the base of the vertical. If you mounted the tuner at the antenna you could successfully feed it with coax. But if you mount it at the transmitter, the 75' of wire between it and the 50' vertical would amount to a bent 125' end-fed antenna. Sort of an inverted "L".

In a message dated 5/15/2010 5:29:34 PM Central Daylight Time,
Clark@... writes:
> Thanks for the lengths and information Alan. I really appretiate it. The
> hookup is clear. Now, I will design a system of how to hook up my
> vertical.
>
> C
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4181. FS: FT-171B crystals for BC610 etc.

Yahoo group: T-368_BC-610
Date: 2010-05-16 00:36:15 UTC
From: Bry Carling
Topic: 4181  Message: 4181

FOR SALE: FT-171B crystals as used in BC610 transmitters etc.

Available on a number of ham band frequencies for $19.00 each plus shipping...

Complete list is available here:

http://www.af4k.com/FT171_crystals.htm

73 - Brian, AF4K

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[Non-text portions of this message have been removed]

# 4182. Re: tn-339 tuner hookup?

Yahoo group: T-368_BC-610
Date: 2010-05-16 01:02:51 UTC
From: aa5it
Topic: 4173  Message: 4182

Totally agree, Mike.
As far as I am concerned the couplers mentioned for running the '610 and '368 mobile are only good for that purpose. Now, if you're going to load up a screwdriver...

--- In T-368_BC-610@yahoogroups.com, "Mike Feher" <n4fs@...> wrote:
>
> You are way over reacting for someone who obviously does not know what he is
> doing. My recommendation is to get rid of the 939 and use a matching network
> at the base of the ship's whip. You will have to change it when you change
> bands. That way you can feed it with 50 ohm coax directly. I have a T-368F
> and I use an inverted V at 75 feet with each leg 145 feet long. Feed it with
> home brew ladder line with 6 inch spacing. In the shack, where the ladder
> line comes in, is a monstrous tuner I built and it works great on all bands.
> I have had many 939s over the years and never found a reason to keep them,
> as I do not intend on using my T-368 with a short whip in a truck. Open your
> mind, learn a few things, and then best of luck. 73 - Mike
>
>
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
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>
> From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On
> Behalf Of ke7trp
> Sent: Saturday, May 15, 2010 6:26 PM
> To: T-368_BC-610@yahoogroups.com
> Subject: [T-368_BC-610] Re: tn-339 tuner hookup?
>
>
>
>
>
> Why dont you try reading my post BEFORE you answer? I stated that the
> vertical I have is for a ship and never once even mentioned a vehicle.

> 
> The thing is used with a long wire antenna. That means, I can too :) Thanks
> for the lesson on coupler vs tuner OM.
> 
> I will look up or order the antenna manuals and I am sure those will help
> me.
> 
> Thanks
> 
> C
> 
> I will look up the manuals for the antennas and that will
> 
> --- In T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> , rbethman <rbethman@> wrote:
> >
> > The tuner for the BC-610, the BC-939, was attached directly to the top
> > of the transmitter. The open rear of the BC-939 fed directly out its
> > back to the bottom conductor of the whip that was mounted directly to
> > the enclosure on a 90 degree base that bolted to the comm shelter.
> >
> > There was never a method to have the whip the distance away from the
> > tuner, (A misnomer - it is a "coupler".), as you are describing.
> >
> > Neither was there a "whip" on vehicles that was 50 to 60 feet in length.
> >
> > The manual you need is TM 11-826 that covers the BC-610 family tree and
> > the BC-939. (Should be the same as the TN-339.)
> >
> > The "long" wire used with these "couplers" are in their respective TMs,
> > and the BC-939 is in the TM 11-826.
> >
> > It can be located at: <http://eshop1.chem.buffalo.edu/>
> >
> > In fact, there is a quote there:
> >
> > The BC-939(*) antenna coupler, is not an antenna tuner, it couples
> > the RF from the transmitter to the
> > antenna only. It does this by presenting a 50 ohm load to the
> > transmitter, and then passing RF on to the
> > antenna, which can be either an end-fed long-wire configuration, or
> > a 15 foot whip, fed at the base.
> >
> > The 15 foot whip is what was normally mounted on vehicles for use with
> > either the BC-610 OR the T-368.
> >
> > The whip you are describing MUST have come from a ship. Think about a
> > vehicle going down a road with a whip that long! The first energized
> > power line takes out the tires! <Saw that on even the 15 foot whip when
> > the driver didn't pay attention to the sign at a maingate overseas that

> > warned about LOW STRUNG HIGH VOLTAGE LINES - LOWER ANTENNAS!>
> >
> > Bob - N0DGN
> >
> >
> >
> >
> > On 5/15/2010 4:52 PM, ke7trp wrote:
> > >
> > > Hello.. I have 809, 35, 10 and 20 manuals. The Tuner 939 or 339 is
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> > > I would like to use my T368C with 339 tuner to load a Vertical
> > > antenna. The antenna I have is a military antenna used on a ship or
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> > > pounds. The Whip seems to be 50 or 60 ft tall. I have not measured it.
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> > > The Transmitter/tuner will be at least 75 ft from the antenna. I am
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> > > the tuner itself.
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> > > Is there another manual I need?
> > >
> > > Thanks alot!
> > >
> > > Clark
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 4183. Re: [T-368_BC-610] Re: tn-339 tuner hookup?

Yahoo group: T-368_BC-610
Date: 2010-05-16 06:54:48 UTC
From: Alan Morriss
Topic: 4173  Message: 4183

hello, i was just saying what the 939 was intended for. obviously you are not going to use it in a vehicle ! i have the complete scr 399 set up, and it works a treat. if you separate the 039 from the antenna, or try and use any other lenth of wire it does not work.
i hope you have a lot of fun. cheers , alan g4gen
----- Original Message -----
From: ke7trp
To: T-368_BC-610@yahoogroups.com
Sent: Saturday, May 15, 2010 11:26 PM
Subject: [T-368_BC-610] Re: tn-339 tuner hookup?

Why dont you try reading my post BEFORE you answer? I stated that the vertical I have is for a ship and never once even mentioned a vehicle.

The thing is used with a long wire antenna. That means, I can too :) Thanks for the lesson on coupler vs tuner OM.

I will look up or order the antenna manuals and I am sure those will help me.

Thanks

C

I will look up the manuals for the antennas and that will

--- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@...> wrote:
>
> The tuner for the BC-610, the BC-939, was attached directly to the top
> of the transmitter. The open rear of the BC-939 fed directly out its
> back to the bottom conductor of the whip that was mounted directly to
> the enclosure on a 90 degree base that bolted to the comm shelter.
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> There was never a method to have the whip the distance away from the
> tuner, (A misnomer - it is a "coupler".), as you are describing.
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> Neither was there a "whip" on vehicles that was 50 to 60 feet in length.
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> transmitter, and then passing RF on to the
> antenna, which can be either an end-fed long-wire configuration, or
> a 15 foot whip, fed at the base.
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> The 15 foot whip is what was normally mounted on vehicles for use with
> either the BC-610 OR the T-368.
>
> The whip you are describing MUST have come from a ship. Think about a
> vehicle going down a road with a whip that long! The first energized
> power line takes out the tires! <Saw that on even the 15 foot whip when
> the driver didn't pay attention to the sign at a maingate overseas that
> warned about LOW STRUNG HIGH VOLTAGE LINES - LOWER ANTENNAS!>
>
> Bob - N0DGN
>
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>
> On 5/15/2010 4:52 PM, ke7trp wrote:
> >
> > Hello.. I have 809, 35, 10 and 20 manuals. The Tuner 939 or 339 is
> > mentioned several times. However, They do not mention hook up of the
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> > about 14+ inches in diameter. This base, must weigh several hundred
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> > Is there another manual I need?
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> > Thanks alot!
> >
> > Clark
> >
> >

> 
> --
> +-----------------------------------------------------------+
> | AM Amateur Radio Operator NØDGN |
> +-----------------------------------------------------------+
> | http://home.comcast.net/~rbethman/ |
> +-----------------------------------------------------------+
> | Bob Bethman \\\|/// " The absence of a danger |
> | \\ ~ ~ // signal does *NOT* mean |
> | rbethman@... (/ @ @ /) that everything is OK " |
> +----------------------o00o---°(_)°---o00o-------------------------+
> 
> 
> 
> [Non-text portions of this message have been removed]
> 

[Non-text portions of this message have been removed]

# 4184. /M with a BC-610, anyone?

Yahoo group: T-368_BC-610
Date: 2010-06-19 10:20:17 UTC
From: Roger Basford
Topic: 4184  Message: 4184

Hi All,

Not sure if any members have seen this photo before, but I've posted it to the group, see http://tinyurl.com/323k57c

Looks like a BC-720 tuner in use!

73

Roger/G3VKM

# 4185. RE: [T-368_BC-610] /M with a BC-610, anyone?

Yahoo group: T-368_BC-610
Date: 2010-06-19 14:28:49 UTC
From: Trevor
Topic: 4184  Message: 4185

VERY cool- thanks for sharing

------- Original Message -------
From : Roger Basford[mailto:Roger@...]
Sent : 6/19/2010 6:20:17 AM
To : T-368_BC-610@yahoogroups.com
Cc :
Subject : RE: [T-368_BC-610] /M with a BC-610, anyone?

Hi All,

Not sure if any members have seen this photo before,
but I've posted it to the group, see
http://tinyurl.com/323k57c

Looks like a BC-720 tuner in use!

73

Roger/G3VKM

# 4186. Re: [T-368_BC-610] /M with a BC-610, anyone?

Yahoo group: T-368_BC-610
Date: 2010-06-19 14:54:29 UTC
From: wa5cab@cs.com
Topic: 4184  Message: 4186

Roger,

I agree on the BC-729. The transmitter is also a BC-610-D or earlier.
Must be an early ad hoc installation. The "official" one uses parts from the
SCR-499. And a lot more of it.

In a message dated 6/19/2010 5:23:16 AM Central Daylight Time,
Roger@... writes:
> Hi All,
>
> Not sure if any members have seen this photo before, but I've posted it to
> the group, see http://tinyurl.com/323k57c
>
> Looks like a BC-720 tuner in use!
>
> 73
>
> Roger/G3VKM

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4187. Re: [T-368_BC-610] /M with a BC-610, anyone?

Yahoo group: T-368_BC-610
Date: 2010-06-19 16:46:07 UTC
From: David Adams
Topic: 4184  Message: 4187

that BC610 with all those meters across the front is a D model i have one.

--- On Sat, 6/19/10, wa5cab@... <wa5cab@...> wrote:

From: wa5cab@cs.com <wa5cab@...>
Subject: Re: [T-368_BC-610] /M with a BC-610, anyone?
To: T-368_BC-610@yahoogroups.com
Date: Saturday, June 19, 2010, 9:54 AM

Roger,

I agree on the BC-729. The transmitter is also a BC-610-D or earlier.

Must be an early ad hoc installation. The "official" one uses parts from the

SCR-499. And a lot more of it.

In a message dated 6/19/2010 5:23:16 AM Central Daylight Time,

Roger@... writes:

> Hi All,

>

> Not sure if any members have seen this photo before, but I've posted it to

> the group, see http://tinyurl.com/323k57c

>

> Looks like a BC-720 tuner in use!

>

> 73

>

> Roger/G3VKM

Robert & Susan Downs - Houston

wa5cab dot com (Web Store)

MVPA 9480

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4188. Re: [T-368_BC-610] /M with a BC-610, anyone?

Yahoo group: T-368_BC-610
Date: 2010-06-19 17:19:37 UTC
From: wa5cab@cs.com
Topic: 4184  Message: 4188

OK. But so does the BC-610-A, -B and -C.

In a message dated 6/19/2010 11:46:16 AM Central Daylight Time,
wd5bzo@... writes:
> that BC610 with all those meters across the front is a D model i have
> one.
>
> --- On Sat, 6/19/10, wa5cab@... <wa5cab@...> wrote:
>
> From: wa5cab@... <wa5cab@...>
> Subject: Re: [T-368_BC-610] /M with a BC-610, anyone?
> To: T-368_BC-610@yahoogroups.com
> Date: Saturday, June 19, 2010, 9:54 AM
>
>
> Roger,
>
>
>
> I agree on the BC-729. The transmitter is also a BC-610-D or earlier.
>
> Must be an early ad hoc installation. The "official" one uses parts from
> the
>
> SCR-499. And a lot more of it.
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4189. Re: [T-368_BC-610] /M with a BC-610, anyone?

Yahoo group: T-368_BC-610
Date: 2010-06-19 20:11:15 UTC
From: Tom Norris
Topic: 4184  Message: 4189

First I have to say that's a VERY pretty station you have set up!

As for the jeep photo from Africa, hmmm. I've heard of such setups before, but this is the first photo I've seen! A good percentage of stations during WWII were assembled as-needed, so there may not have been an official designation for such a lash-up. There weren't many high power HF land-mobile stations, so it makes a bit of sense. Looks rather spiffy too!

Tom NU4G

On Jun 19, 2010, at 5:20 AM, Roger Basford wrote:

> Hi All,
>
> Not sure if any members have seen this photo before, but I've posted it to the group, see http://tinyurl.com/323k57c
>
> Looks like a BC-720 tuner in use!
>
> 73
>
> Roger/G3VKM

# 4190. Re: /M with a BC-610, anyone?

Yahoo group: T-368_BC-610
Date: 2010-06-20 06:32:03 UTC
From: Roger Basford
Topic: 4184  Message: 4190

I also Googled "BC-610 in a jeep" and got quite a few hits.

Anyone know what the designation 412 SIG on the side of the jeep means? The caption says the photo was taken in Tunisia.

Sorry about the typo, I did mean the BC-729 tuner.

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, Tom Norris <nu4g.radio@...> wrote:
>
> First I have to say that's a VERY pretty station you have set up!
>
>
> As for the jeep photo from Africa, hmmm. I've heard of such setups before, but this is the first photo I've seen! A good percentage of stations during WWII were assembled as-needed, so there may not have been an official designation for such a lash-up. There weren't many high power HF land-mobile stations, so it makes a bit of sense. Looks rather spiffy too!
>
> Tom NU4G
>
> On Jun 19, 2010, at 5:20 AM, Roger Basford wrote:
>
> > Hi All,
> >
> > Not sure if any members have seen this photo before, but I've posted it to the group, see http://tinyurl.com/323k57c
> >
> > Looks like a BC-720 tuner in use!
> >
> > 73
> >
> > Roger/G3VKM
>

# 4191. Re: [T-368_BC-610] Re: /M with a BC-610, anyone?

Yahoo group: T-368_BC-610
Date: 2010-06-20 15:49:52 UTC
From: rbethman
Topic: 4184  Message: 4191

The 412 SIG would have been a Unit Designator, such as the 412th Signal Battalion, (or Regiment).

Bob - N0DGN

On 6/20/2010 2:32 AM, Roger Basford wrote:
>
> I also Googled "BC-610 in a jeep" and got quite a few hits.
>
> Anyone know what the designation 412 SIG on the side of the jeep
> means? The caption says the photo was taken in Tunisia.
>
> Sorry about the typo, I did mean the BC-729 tuner.
>
> Roger/G3VKM
>
> --- In T-368_BC-610@yahoogroups.com
> <mailto:T-368_BC-610%40yahoogroups.com>, Tom Norris <nu4g.radio@...>
> wrote:
> >
> > First I have to say that's a VERY pretty station you have set up!
> >
> >
> > As for the jeep photo from Africa, hmmm. I've heard of such setups
> before, but this is the first photo I've seen! A good percentage of
> stations during WWII were assembled as-needed, so there may not have
> been an official designation for such a lash-up. There weren't many
> high power HF land-mobile stations, so it makes a bit of sense. Looks
> rather spiffy too!
> >
> > Tom NU4G
> >
> > On Jun 19, 2010, at 5:20 AM, Roger Basford wrote:
> >
> > > Hi All,
> > >
> > > Not sure if any members have seen this photo before, but I've
> posted it to the group, see http://tinyurl.com/323k57c
> > >
> > > Looks like a BC-720 tuner in use!
> > >
> > > 73
> > >
> > > Roger/G3VKM
> >

>
>

--
+----------------------------------------------------------------+
| AM Amateur Radio Operator NØDGN |
+----------------------------------------------------------------+
| http://home.comcast.net/~rbethman/ |
+----------------------------------------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| \\ ~ ~ // signal does *NOT* mean |
| rbethman@... (/ @ @ /) that everything is OK " |
+----------------------o00o---°(_)°---o00o-----------------------+

[Non-text portions of this message have been removed]

# 4192. Re: [T-368_BC-610] /M with a BC-610, anyone?

Yahoo group: T-368_BC-610
Date: 2010-06-21 19:19:32 UTC
From: Larry Godek
Topic: 4184  Message: 4192

Poor jeep!

great setup there Roger.  You've got to many SX-28 receiver tho.  I've been known to accept disposable items.  here in the state we are starting a "redistribution of wealth" program so i need to figure out how to include you in this.  Hmmmm.  Now lets see.

Otherwise do both the 28's work well or is one a "kinda" works item?  What all have you done with them?  Again, nice looking 610 there and i'm envious.

Larry
W0OGH

--- On Sat, 6/19/10, Roger Basford <Roger@new-gate.co.uk> wrote:

From: Roger Basford <Roger@...>
Subject: [T-368_BC-610] /M with a BC-610, anyone?
To: T-368_BC-610@yahoogroups.com
Date: Saturday, June 19, 2010, 3:20 AM

Hi All,

Not sure if any members have seen this photo before, but I've posted it to the group, see http://tinyurl.com/323k57c

Looks like a BC-720 tuner in use!

73

Roger/G3VKM

[Non-text portions of this message have been removed]

# 4193. Re: [T-368_BC-610] /M with a BC-610, anyone?

Yahoo group: T-368_BC-610
Date: 2010-06-21 20:17:42 UTC
From: rbethman
Topic: 4184  Message: 4193

Larry,

You rascal! You put the squeeze on him before I could figure a way to!
(LOL)

I bet that jeep developed a definite list to port!

Bob - N0DGN

On 6/21/2010 3:19 PM, Larry Godek wrote:
>
> Poor jeep!
>
> great setup there Roger. You've got to many SX-28 receiver tho. I've
> been known to accept disposable items. here in the state we are
> starting a "redistribution of wealth" program so i need to figure out
> how to include you in this. Hmmmm. Now lets see.
>
> Otherwise do both the 28's work well or is one a "kinda" works item?
> What all have you done with them? Again, nice looking 610 there and
> i'm envious.
>
> Larry
> W0OGH
>
> --- On Sat, 6/19/10, Roger Basford <Roger@...
> <mailto:Roger%40new-gate.co.uk>> wrote:
>
> From: Roger Basford <Roger@... <mailto:Roger%40new-gate.co.uk>>
> Subject: [T-368_BC-610] /M with a BC-610, anyone?
> To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> Date: Saturday, June 19, 2010, 3:20 AM
>
>
>
> Hi All,
>
> Not sure if any members have seen this photo before, but I've posted
> it to the group, see http://tinyurl.com/323k57c
>
> Looks like a BC-720 tuner in use!
>
> 73
>
> Roger/G3VKM
>

> [Non-text portions of this message have been removed]
>
>

--
+----------------------------------------------------------------+
| AM Amateur Radio Operator NØDGN |
+----------------------------------------------------------------+
| http://home.comcast.net/~rbethman/ |
+----------------------------------------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| \\ ~ ~ // signal does *NOT* mean |
| rbethman@... (/ @ @ /) that everything is OK " |
+----------------------o00o---°(_)°---o00o-------------------------+

[Non-text portions of this message have been removed]

# 4194. Re: /M with a BC-610, anyone?

Yahoo group: T-368_BC-610
Date: 2010-06-22 05:45:45 UTC
From: Roger Basford
Topic: 4184  Message: 4194

Sorry guys! Those SX-28s both went to other collectors a while ago, I should really have updated the photo album! I still have the BC-610-E though, but nowadays it's paired with either an HRO-50T or a Hammarlund HQ-170A, not so classic as the SX-28 but better RXs, IMHO. The SX-28A and its Jensen R-12 speaker were subject of an article in Electric Radio magazine a couple of years ago if you want more info.

I was wondering how they kept the radio gear dry in that jeep? I know North Africa is fairly arid but when it does rain.....!

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@...> wrote:
>
> Larry,
>
> You rascal! You put the squeeze on him before I could figure a way to!
> (LOL)
>
> I bet that jeep developed a definite list to port!
>
> Bob - N0DGN
>
> On 6/21/2010 3:19 PM, Larry Godek wrote:
> >
> > Poor jeep!
> >
> > great setup there Roger. You've got to many SX-28 receiver tho. I've
> > been known to accept disposable items. here in the state we are
> > starting a "redistribution of wealth" program so i need to figure out
> > how to include you in this. Hmmmm. Now lets see.
> >
> > Otherwise do both the 28's work well or is one a "kinda" works item?
> > What all have you done with them? Again, nice looking 610 there and
> > i'm envious.
> >
> > Larry
> > W0OGH
> >
> > --- On Sat, 6/19/10, Roger Basford <Roger@...
> > <mailto:Roger%40new-gate.co.uk>> wrote:
> >
> > From: Roger Basford <Roger@... <mailto:Roger%40new-gate.co.uk>>
> > Subject: [T-368_BC-610] /M with a BC-610, anyone?
> > To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>

> > Date: Saturday, June 19, 2010, 3:20 AM
> >
> >
> >
> > Hi All,
> >
> > Not sure if any members have seen this photo before, but I've posted
> > it to the group, see http://tinyurl.com/323k57c
> >
> > Looks like a BC-720 tuner in use!
> >
> > 73
> >
> > Roger/G3VKM
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> --
> +----------------------------------------------------------------+
> | AM Amateur Radio Operator NØDGN |
> +----------------------------------------------------------------+
> | http://home.comcast.net/~rbethman/ |
> +----------------------------------------------------------------+
> | Bob Bethman \\\|/// " The absence of a danger |
> | \\ ~ ~ // signal does *NOT* mean |
> | rbethman@... (/ @ @ /) that everything is OK " |
> +---------------------o00o---°(_)°---o00o-------------------------+
>
>
>
> [Non-text portions of this message have been removed]
>

# 4195. Wet little duckies

Yahoo group: T-368_BC-610
Date: 2010-06-22 21:11:41 UTC
From: Rodger Hough
Topic: 4195  Message: 4195

The ducks got wet in Naples! Hooray! Hooray!

The ducks got wet in Naples! Hoorah! Hoorah!

AFFFFFFLLLLLAAAAAAAAAAAAAAC!

Tonight perhaps. Rain permitting. Some assembly required. Still need a 10-24 wing nut.

Just don't want to drive to the shop. Lots of sirens out there.

A voice of reason in an age of insanity......quack quack.

K1HH
Rodger

[Non-text portions of this message have been removed]

# 4196. Re: [T-368_BC-610] /M with a BC-610, anyone?

Yahoo group: T-368_BC-610
Date: 2010-06-25 04:38:23 UTC
From: Art Heikkila
Topic: 4184  Message: 4196

Larry:  I tried to send you an email regarding the BC610.  Did you ever receive it?  Art KB7LOQ.  art_heikkila@....

--- On Mon, 6/21/10, Larry Godek <tel1grapher@...> wrote:

From: Larry Godek <tel1grapher@...>
Subject: Re: [T-368_BC-610] /M with a BC-610, anyone?
To: T-368_BC-610@yahoogroups.com
Date: Monday, June 21, 2010, 12:19 PM

Poor jeep!

great setup there Roger.  You've got to many SX-28 receiver tho.  I've been known to accept disposable items.  here in the state we are starting a "redistribution of wealth" program so i need to figure out how to include you in this.  Hmmmm.  Now lets see.

Otherwise do both the 28's work well or is one a "kinda" works item?  What all have you done with them?  Again, nice looking 610 there and i'm envious.

Larry
W0OGH

--- On Sat, 6/19/10, Roger Basford <Roger@...> wrote:

From: Roger Basford <Roger@....uk>
Subject: [T-368_BC-610] /M with a BC-610, anyone?
To: T-368_BC-610@yahoogroups.com
Date: Saturday, June 19, 2010, 3:20 AM

Hi All,

Not sure if any members have seen this photo before, but I've posted it to the group, see http://tinyurl.com/323k57c

Looks like a BC-720 tuner in use!

73

Roger/G3VKM

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4197. BC-610-E for ebay auction in the UK

Yahoo group: T-368_BC-610
Date: 2010-06-25 05:25:46 UTC
From: Roger Basford
Topic: 4197  Message: 4197

HI,

Not mine, but see http://tinyurl.com/29lkf72

73

Roger/G3VKM

# 4198. audio driver transformer

Yahoo group: T-368_BC-610
Date: 2010-07-03 16:04:25 UTC
From: bruce
Topic: 4198  Message: 4198

Does anyone known where I can find a driver xfmr for the preamp for my T-368 or anything that will work. The primary is open on mine. Fair Radio does not have it. Thanks for your help.

# 4199. Re: [T-368_BC-610] audio driver transformer

Yahoo group: T-368_BC-610
Date: 2010-07-03 17:24:58 UTC
From: mac
Topic: 4198  Message: 4199

Yes, known T-368 weak spot. Antique Electronic Supply <http://www.tubesandmore.com/
> offers an open frame unit that should fit in the available space
and work OK.

Dennis D. W7QHO
Glendale, CA

On Jul 3, 2010, at 9:04 AM, bruce wrote:

> Does anyone known where I can find a driver xfmr for the preamp for
> my T-368 or anything that will work. The primary is open on mine.
> Fair Radio does not have it. Thanks for your help.

[Non-text portions of this message have been removed]

# 4200. scr 399

Yahoo group: T-368_BC-610
Date: 2010-07-03 19:10:50 UTC
From: Alan Morriss
Topic: 2917  Message: 4200

hello guys, some of you may be interested in the saga of our BC 610. a year ago at the war and peace show it worked perfectly, and we made many contacts on both am and cw . on arriving home i set it up in the tank shed and there was no ht getting through to the exciter. i assumed that the smoothing choke was u/s, so took the rf deck off to get at it. it was perfect, so i attended to some minor faults, and put it back together. just the same. i then determined that the T5 transformer must be faulty. the winter was coming on, and i put it off until the warm weather. i kept putting it off, as it is murder working on the bc610 in the shelter. you have to lie on your side bent double.
eventually, we decided to take it out of the shelter and fix it. the shelter could be cleaned as well.
with it on the floor, the fault took about 30 seconds to see.the ground connection from the centre tap of the heater winding had come adrift. the nut must have fallen off some time ago, and the tag gradually worked itself down the screw. the trip home finally did it.
it is a fair bet that when it was originally assembled the nut had not been tightened properly.
anyway it has been an opportunity to clean the shelter and the inside of the bc 610.
has anyone else ever heard of this happening ? alan g4gen

[Non-text portions of this message have been removed]

# 4201. FS: FT-171B Crystal Groups - $4 for most

Yahoo group: T-368_BC-610
Date: 2010-07-06 10:48:12 UTC
From: radios_r_me
Topic: 4201  Message: 4201

FOR SALE:

Bargain FT-171B Crystal Groups (and others)

available at:

http://www.af4k.com/basementcrystals.htm

Thanks for reading & 73 - Brian, AF4K

# 4202. xfmr

Yahoo group: T-368_BC-610
Date: 2010-07-11 16:32:33 UTC
From: bruce
Topic: 4202  Message: 4202

Hi Dennis, thanks for your help. I got one from aes and it works great.
thanks again, Bruce

# 4203. Re: [T-368_BC-610] xfmr

Yahoo group: T-368_BC-610
Date: 2010-07-12 17:48:28 UTC
From: mac
Topic: 4202  Message: 4203

Bruce,

FB! Have directed a couple of other people to that source over the years. Original driver xformer in my T-3 holding up OK so far (knock on wood :^).

Dennis D. W7QHO
Glendale, CA

On Jul 11, 2010, at 9:32 AM, bruce wrote:

> Hi Dennis, thanks for your help. I got one from aes and it works
> great.
> thanks again, Bruce

[Non-text portions of this message have been removed]

# 4204. scr399

Yahoo group: T-368_BC-610
Date: 2010-07-13 09:56:57 UTC
From: Alan Morriss
Topic: 4204  Message: 4204

hello, does anyone who operated the scr399 know how the feeder for the doublet was taken out of the shelter ? we just feed it out of the front side door which has to be opened. now we have the canvas cover made, this will be inconvenient. cheers, alan G4GEN

[Non-text portions of this message have been removed]

# 4205. Re: [T-368_BC-610] scr399

Yahoo group: T-368_BC-610
Date: 2010-07-13 13:01:06 UTC
From: James M. Walker
Topic: 4204  Message: 4205

Hope you got the manual it is kind of LARGE
Jim
WB2FCN

----- Original Message -----
From: Alan Morriss
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, July 13, 2010 5:56 AM
Subject: [T-368_BC-610] scr399

hello, does anyone who operated the scr399 know how the feeder for the doublet was taken out of the shelter ? we just feed it out of the front side door which has to be opened. now we have the canvas cover made, this will be inconvenient. cheers, alan G4GEN

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4206. Re: [T-368_BC-610] scr399

Yahoo group: T-368_BC-610
Date: 2010-07-13 13:08:49 UTC
From: Alan Morriss
Topic: 4204  Message: 4206

hello jim, yes we have everything, the whole shooting match. it originally was used in the ardennes offensive, and left behind in luxembourg when the germans retreated. after the war it was given to the luxembourg army. last used in 1964. after many years in storage it went to holland, where we got it.
the bc 610 has been unservicable for some time, but i have fixed it now. we had to take it out of the HO17 shelter, and then it took about a minute to fix.
all we need now is a w2 film ! cheers, alan
----- Original Message -----
From: James M. Walker
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, July 13, 2010 2:01 PM
Subject: Re: [T-368_BC-610] scr399

Hope you got the manual it is kind of LARGE
Jim
WB2FCN

----- Original Message -----
From: Alan Morriss
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, July 13, 2010 5:56 AM
Subject: [T-368_BC-610] scr399

hello, does anyone who operated the scr399 know how the feeder for the doublet was taken out of the shelter ? we just feed it out of the front side door which has to be opened. now we have the canvas cover made, this will be inconvenient. cheers, alan G4GEN

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4207. Re: [T-368_BC-610] scr399

Yahoo group: T-368_BC-610
Date: 2010-07-13 13:12:34 UTC
From: James M. Walker
Topic: 4204  Message: 4207

well that didn't take long to bounce, Alan send me a direct email address so I can send this manual
it is in PDF and large
Jim
WB2FCN/WD2XSH

----- Original Message -----
From: Alan Morriss
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, July 13, 2010 5:56 AM
Subject: [T-368_BC-610] scr399

hello, does anyone who operated the scr399 know how the feeder for the doublet was taken out of the shelter ? we just feed it out of the front side door which has to be opened. now we have the canvas cover made, this will be inconvenient. cheers, alan G4GEN

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4208. Re: [T-368_BC-610] scr399

Yahoo group: T-368_BC-610
Date: 2010-07-13 13:24:29 UTC
From: James M. Walker
Topic: 4204  Message: 4208

As for the Doublet, directly below the Mount for the transmit whip, an "MWO" modification work order
added a thru panel "C" connector with gaskets inside and out. Was later replaced so the thing would
also be air tight!

----- Original Message -----
From: Alan Morriss
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, July 13, 2010 5:56 AM
Subject: [T-368_BC-610] scr399

hello, does anyone who operated the scr399 know how the feeder for the doublet was taken out of the shelter ? we just feed it out of the front side door which has to be opened. now we have the canvas cover made, this will be inconvenient. cheers, alan G4GEN

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4209. Re: [T-368_BC-610] scr399

Yahoo group: T-368_BC-610
Date: 2010-07-13 15:56:44 UTC
From: Alan Morriss
Topic: 4204  Message: 4209

hello jim, my email is mohawk@.... we do have the scr399 manual , in fact two of them. we also have the PE95 one.
our PE95 was re wired for 220v in holland for use as a standby generator in a flower grower's.
it is 3 phase now, so we are using one for the bc610 via a transformer, and the other 2 for use around our camp when at vehicle shows. it will also come in handy for emergency use here.
when the stencilling is finished, i am going to take a photo and post it .
i remember the trucks well from the war, and we still have the little ladder which i "!iberated" !
it took me 60 years to get the truck to go with it .as i remember they used to paint characters from lil abner on the trucks, so we are going to do one of daisy mae. cheers, alan
----- Original Message -----
From: James M. Walker
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, July 13, 2010 2:12 PM
Subject: Re: [T-368_BC-610] scr399

well that didn't take long to bounce, Alan send me a direct email address so I can send this manual
it is in PDF and large
Jim
WB2FCN/WD2XSH

----- Original Message -----
From: Alan Morriss
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, July 13, 2010 5:56 AM
Subject: [T-368_BC-610] scr399

hello, does anyone who operated the scr399 know how the feeder for the doublet was taken out of the shelter ? we just feed it out of the front side door which has to be opened. now we have the canvas cover made, this will be inconvenient. cheers, alan G4GEN

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4210. Re: [T-368_BC-610] scr399

Yahoo group: T-368_BC-610
Date: 2010-07-13 15:57:23 UTC
From: Alan Morriss
Topic: 4204  Message: 4210

found it ! alan
----- Original Message -----
From: James M. Walker
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, July 13, 2010 2:24 PM
Subject: Re: [T-368_BC-610] scr399

As for the Doublet, directly below the Mount for the transmit whip, an "MWO" modification work order
added a thru panel "C" connector with gaskets inside and out. Was later replaced so the thing would
also be air tight!

----- Original Message -----
From: Alan Morriss
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, July 13, 2010 5:56 AM
Subject: [T-368_BC-610] scr399

hello, does anyone who operated the scr399 know how the feeder for the doublet was taken out of the shelter ? we just feed it out of the front side door which has to be opened. now we have the canvas cover made, this will be inconvenient. cheers, alan G4GEN

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4211. Reduced more: BC610 Crystals

Yahoo group: T-368_BC-610
Date: 2010-07-13 23:00:31 UTC
From: Bry Carling
Topic: 4211  Message: 4211

Reduced even more.... some BC610 crystals need a new home:
(Type FT171B)

Someone is going to get a bargain here... if they don't sell this week I will
put them back into the regular bins.

Group 171-B - 3510, 3615, 3835, 3905, 3905, 3945 kHz - All 6 for $21.00
total. (normally $19.00 each)

Group 171-D - 3615, 3905 kHz - Two for $7.00 total.
(normally $38.00 for the pair)

I hope someone can use these. I have a bunch of other FT171B
crystals available for $19.00 each.

Shipping additional. E-mail me off the list please.

73 de AF4K, Brian Carling

[Non-text portions of this message have been removed]

# 4212. scr 399

Yahoo group: T-368_BC-610
Date: 2010-07-17 18:13:25 UTC
From: Alan Morriss
Topic: 2917  Message: 4212

hello guys, we now have the SCR 399 up and running. the PE95 had been modified for 3 phase 220v as a standby power unit for a flower grower.
we found that one phase runs the BC610 through a transformer no trouble , and we use the other in use one for oue 230v stuff. the third is blanked off.
so far on the 15 ft whip i worked north yorkshire and gurnsey on am this morning. attatched a photo taken before we set off for the war and peace show at beltring this afternoon.
cheers, alan g4gen

[Non-text portions of this message have been removed]

# 4213. Re: [T-368_BC-610] scr 399

Yahoo group: T-368_BC-610
Date: 2010-07-18 12:42:37 UTC
From: Bry Carling
Topic: 2917  Message: 4213

That sounds great. Have you contacted David, G3UUR on AM? He used
to be quite active from Norwich.

I haven't talked with him for a couple of years.

Brian, AF4K

On 17 Jul 2010 at 19:13, Alan Morriss wrote:

> hello guys, we now have the SCR 399 up and running. the PE95 had
> been modified for 3 phase 220v as a standby power unit for a flower
> grower.
> we found that one phase runs the BC610 through a transformer no
> trouble , and we use the other in use one for oue 230v stuff. the
> third is blanked off.
> so far on the 15 ft whip i worked north yorkshire and gurnsey on am
> this morning. attatched a photo taken before we set off for the war
> and peace show at beltring this afternoon. cheers, alan g4gen
>
> [Non-text portions of this message have been removed]
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> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

# 4214. FS: Panel Meters and Ceramic couplers

Yahoo group: T-368_BC-610
Date: 2010-07-21 12:47:20 UTC
From: Bry Carling
Topic: 4214  Message: 4214

FOR SALE:

Two small black Westinghouse panel meters. Excellent.
These are 2-1/4" square with rounded corners. 2" diameter mounting hole.

One each:

0 - 200 mA DC

0 - 150V DC
(FSD 100 uA, with series resistor for 150V DC)

Available for $5.00 each plus shipping

ALSO Group of Ceramic couplers - three ceramic, one bakelite.
For use with 1/4" shafts. made by G.E. and National Excellent condition.
Will sell all four for $10.00 plus shipping.

Regards - Brian, AF4K

[Non-text portions of this message have been removed]

# 4215. help !

Yahoo group: T-368_BC-610
Date: 2010-07-21 19:55:27 UTC
From: Alan Morriss
Topic: 4215  Message: 4215

hello guys, the mod level was very low in the bc610 , so i suspected the speech amp. i checked it over, and all that needed replacing was a couple of leaky silver mica caps.
now there is no modulation at all ! before , the mod plate current control needed to be set very high to get the 40 ma m now it does nothing.
i suspect the trouble was never in the amp but the bias was too high, and now it is at cut off point. could this be rl3 ? uf so, where is it , as the illustration is not clear.
cheers, alan g4gen

[Non-text portions of this message have been removed]

# 4216. Re: [T-368_BC-610] help !

Yahoo group: T-368_BC-610
Date: 2010-07-21 20:47:12 UTC
From: Robert Heaton
Topic: 4215  Message: 4216

Leaking silver mica caps ? Please explain. Didn't know this was possible.

73, BoB.
wb4jpz1@...

--- On Wed, 7/21/10, Alan Morriss <mohawk@clara.co.uk> wrote:

From: Alan Morriss <mohawk@...>
Subject: [T-368_BC-610] help !
To: T-368_BC-610@yahoogroups.com
Date: Wednesday, July 21, 2010, 3:55 PM

hello guys, the mod level was very low in the bc610 , so i suspected the speech amp. i checked it over, and all that needed replacing was a couple of leaky silver mica caps. now there is no modulation at all ! before , the mod plate current control needed to be set very high to get the 40 ma m now it does nothing.
i suspect the trouble was never in the amp but the bias was too high, and now it is at cut off point. could this be rl3 ? uf so, where is it , as the illustration is not clear.
cheers, alan g4gen

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4217. Re: [T-368_BC-610] help !

Yahoo group: T-368_BC-610
Date: 2010-07-21 20:48:50 UTC
From: rbethman
Topic: 4215  Message: 4217

Alan,

The T-7 audio transformer is "infamous"for failure.

BTW, which model BC-610 is it?

Bob - N0DGN

On 7/21/2010 3:55 PM, Alan Morriss wrote:
>
> hello guys, the mod level was very low in the bc610 , so i suspected
> the speech amp. i checked it over, and all that needed replacing was a
> couple of leaky silver mica caps.
> now there is no modulation at all ! before , the mod plate current
> control needed to be set very high to get the 40 ma m now it does nothing.
> i suspect the trouble was never in the amp but the bias was too high,
> and now it is at cut off point. could this be rl3 ? uf so, where is it
> , as the illustration is not clear. cheers, alan g4gen
>
> [Non-text portions of this message have been removed]
>
> _

[Non-text portions of this message have been removed]

# 4218. Re: [T-368_BC-610] help !

Yahoo group: T-368_BC-610
Date: 2010-07-21 21:21:24 UTC
From: rbethman
Topic: 4215  Message: 4218

Actually, silver mica caps of the vintage involved, are notorious for
their "migration" problem. that results in "leakage of voltage" at DC.

Bob - N0DGN

On 7/21/2010 4:47 PM, Robert Heaton wrote:
>
> Leaking silver mica caps ? Please explain. Didn't know this was possible.
>
> 73, BoB.
> wb4jpz1@... <mailto:wb4jpz1%40yahoo.com>
>
> --- On Wed, 7/21/10, Alan Morriss <mohawk@...
> <mailto:mohawk%40clara.co.uk>> wrote:
>
> From: Alan Morriss <mohawk@... <mailto:mohawk%40clara.co.uk>>
> Subject: [T-368_BC-610] help !
> To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> Date: Wednesday, July 21, 2010, 3:55 PM
>
>
>
> hello guys, the mod level was very low in the bc610 , so i suspected
> the speech amp. i checked it over, and all that needed replacing was a
> couple of leaky silver mica caps.
> now there is no modulation at all ! before , the mod plate current
> control needed to be set very high to get the 40 ma m now it does nothing.
> i suspect the trouble was never in the amp but the bias was too high,
> and now it is at cut off point. could this be rl3 ? uf so, where is it
> , as the illustration is not clear. cheers, alan g4gen
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
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>

--
+-----------------------------------------------------------------+
| AM Amateur Radio Operator NØDGN |
+-----------------------------------------------------------------+
| http://home.comcast.net/~rbethman/ |
+-----------------------------------------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| \\ ~ ~ // signal does *NOT* mean |
| rbethman@... (/ @ @ /) that everything is OK " |

+----------------------o00o---°(_)°---o00o-------------------------+

[Non-text portions of this message have been removed]

# 4219. Re: [T-368_BC-610] help !

Yahoo group: T-368_BC-610
Date: 2010-07-22 07:23:45 UTC
From: Alan Morriss
Topic: 4215  Message: 4219

hello again. the rsisitance when i put a megger across them was about a megohm. all tyhe others were at infinity. they do go sometimes, and i have had to replace them very occasionally in old equipment. alan
----- Original Message -----
From: Robert Heaton
To: T-368_BC-610@yahoogroups.com
Sent: Wednesday, July 21, 2010 9:47 PM
Subject: Re: [T-368_BC-610] help !

Leaking silver mica caps ? Please explain. Didn't know this was possible.

73, BoB.
wb4jpz1@...

--- On Wed, 7/21/10, Alan Morriss <mohawk@...> wrote:

From: Alan Morriss <mohawk@...>
Subject: [T-368_BC-610] help !
To: T-368_BC-610@yahoogroups.com
Date: Wednesday, July 21, 2010, 3:55 PM

hello guys, the mod level was very low in the bc610 , so i suspected the speech amp. i checked it over, and all that needed replacing was a couple of leaky silver mica caps. now there is no modulation at all ! before , the mod plate current control needed to be set very high to get the 40 ma m now it does nothing.
i suspect the trouble was never in the amp but the bias was too high, and now it is at cut off point. could this be rl3 ? uf so, where is it , as the illustration is not clear.
cheers, alan g4gen

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4220. thanks

Yahoo group: T-368_BC-610
Date: 2010-07-22 07:52:47 UTC
From: Alan Morriss
Topic: 4220  Message: 4220

thanks for the info guys. my tx is an"E" model and in really good shape. the speech amp is the same.
the set up was given to the luxembourg army after the war, and used up to the lat sixties. it had been used by US forces in the ardennes offensive before that.
it has never been lying outside.
i checked the transformer first thing, and it seems fine. jan in holland from whom we got the scr399 told me where RL3 is, and is accessible by removing the tank coil. i never realised that that was the one. i am going over to belring soon to have a look at it.
the fact that the modulator bias control no longer has any effect seems to point that way. when you go to cw , as soon as the keyswitch is put to send the tx is energised without the key being pressed.
these things keep you from getting bored !! alan

[Non-text portions of this message have been removed]

# 4221. BC610

Yahoo group: T-368_BC-610
Date: 2010-07-22 19:37:41 UTC
From: Alan Morriss
Topic: 4221  Message: 4221

hello guys, i have just spent most of the day at beltring trying to fix the BC 610. it is really hard working on it in the shelter.
so far no result . the fact that it goes on when placed to transmit in the cw position and the key has no effect must be connected with the problem.
it looks as though i will have to get it out of the shelter again, but the trouble is the difficulty in testing it then cheers, alan

[Non-text portions of this message have been removed]

# 4222. Re: FS: Panel Meters and Ceramic couplers

Yahoo group: T-368_BC-610
Date: 2010-07-23 02:52:54 UTC
From: Greg
Topic: 4214  Message: 4222

Brian,

I'll take the meters and the couplers.

Let me know how much total with shipping and I'll get payment off ASAP.

Thanks,

Greg Cotton N0WEK

Minneapolis

--- In T-368_BC-610@yahoogroups.com, "Bry Carling" <bcarling@...> wrote:
>
> FOR SALE:
>
> Two small black Westinghouse panel meters. Excellent.
> These are 2-1/4" square with rounded corners. 2" diameter mounting hole.
>
> One each:
>
> 0 - 200 mA DC
>
> 0 - 150V DC
> (FSD 100 uA, with series resistor for 150V DC)
>
> Available for $5.00 each plus shipping
>
> ALSO Group of Ceramic couplers - three ceramic, one bakelite.
> For use with 1/4" shafts. made by G.E. and National Excellent condition.
> Will sell all four for $10.00 plus shipping.
>
> Regards - Brian, AF4K
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 4223. Re: BC610

Yahoo group: T-368_BC-610
Date: 2010-08-04 05:56:57 UTC
From: Roger Basford
Topic: 4221  Message: 4223

Hi Alan,

Have you made any progress with the repairs? I was at sea when you posted the original details so didn't respond, but wondered if you'd managed to get going again in time for the Show?

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello guys, i have just spent most of the day at beltring trying to fix the BC 610. it is really hard working on it in the shelter.
> so far no result . the fact that it goes on when placed to transmit in the cw position and the key has no effect must be connected with the problem.
> it looks as though i will have to get it out of the shelter again, but the trouble is the difficulty in testing it then cheers, alan
>
> [Non-text portions of this message have been removed]
>

# 4224. Re: [T-368_BC-610] Re: BC610

Yahoo group: T-368_BC-610
Date: 2010-08-04 06:57:46 UTC
From: Alan Morriss
Topic: 4221  Message: 4224

hello les, i found out the cause of the exciter ht problem. once the tx was out of the shelter it took about 1 minute. the ground connection for the centre taap of the heater transformer for the rectifier had come adrift.the nut could never have been tightened properly.
however, once i got it on air the mod was low, and vanished completely. the mod bias control has no effect. max thinks that it is the lead from jb70 to the set. next job ! cheers, alan
----- Original Message -----
From: Roger Basford
To: T-368_BC-610@yahoogroups.com
Sent: Wednesday, August 04, 2010 6:56 AM
Subject: [T-368_BC-610] Re: BC610

Hi Alan,

Have you made any progress with the repairs? I was at sea when you posted the original details so didn't respond, but wondered if you'd managed to get going again in time for the Show?

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello guys, i have just spent most of the day at beltring trying to fix the BC 610. it is really hard working on it in the shelter.
> so far no result . the fact that it goes on when placed to transmit in the cw position and the key has no effect must be connected with the problem.
> it looks as though i will have to get it out of the shelter again, but the trouble is the difficulty in testing it then cheers, alan
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 4225. Re: [T-368_BC-610] Re: BC610

Yahoo group: T-368_BC-610
Date: 2010-08-04 10:18:25 UTC
From: Alan Morriss
Topic: 4221  Message: 4225

hello roger, sorry i got your name wrong. les is
the person who just bought my spare bc342 ! cheers, alan
----- Original Message -----
From: Roger Basford
To: T-368_BC-610@yahoogroups.com
Sent: Wednesday, August 04, 2010 6:56 AM
Subject: [T-368_BC-610] Re: BC610

Hi Alan,

Have you made any progress with the repairs? I was at sea when you posted the original details so didn't respond, but wondered if you'd managed to get going again in time for the Show?

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello guys, i have just spent most of the day at beltring trying to fix the BC 610. it is really hard working on it in the shelter.
> so far no result . the fact that it goes on when placed to transmit in the cw position and the key has no effect must be connected with the problem.
> it looks as though i will have to get it out of the shelter again, but the trouble is the difficulty in testing it then cheers, alan
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 4226. Re: BC610

Yahoo group: T-368_BC-610
Date: 2010-08-04 15:24:41 UTC
From: Roger Basford
Topic: 4221  Message: 4226

Hi Alan,

Yes, that's possible. Does the mod come back when you put a mic direct into the BC-614? However, if the bias supply has failed you'll need to look into the circuit through the 614, as it meters the standing current on the 610 modulator. Simple enough job to ring through the 610 to 614 and the JB-70A to 614 cables. I don't have any experience on the JB-70A; I still have one but don't use it, use the homebrew station controller instead. It's just a pair of contacts on a heavy-duty relay, so you could substitute the JB by linking the right two pins on the 614 input, I have the info here if you need it.

73

Roger/G3VKM

.

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello les, i found out the cause of the exciter ht problem. once the tx was out of the shelter it took about 1 minute. the ground connection for the centre taap of the heater transformer for the rectifier had come adrift.the nut could never have been tightened properly.
> however, once i got it on air the mod was low, and vanished completely. the mod bias control has no effect. max thinks that it is the lead from jb70 to the set. next job ! cheers, alan

# 4227. BC-610 Tuning Units available.

Yahoo group: T-368_BC-610
Date: 2010-08-06 23:36:25 UTC
From: RJ Mattson
Topic: 4227  Message: 4227

BC-610 TU-49, TU-50, TU-52, TU-53, TU-54, TU-56.
$25 ea plus postage.
bob...w2ami

# 4228. New BC-610E owner

Yahoo group: T-368_BC-610
Date: 2010-08-07 00:26:45 UTC
From: n2xd
Topic: 4228  Message: 4228

I'm new to the group and would like to say hello to everyone.Looking for someone close to me here in South Carolina that could be of assistence in getting my BC-610E up and running.Thanks

73 John N2XD(Lugoff,SC)
John Chmielewski

(803)408-2870

[Non-text portions of this message have been removed]

# 4229. Re: New BC-610E owner

Yahoo group: T-368_BC-610
Date: 2010-08-08 04:32:11 UTC
From: bayonetdad
Topic: 4228  Message: 4229

Hi, This blurb appears at the bottom of this site
http://www.eht.com/oldradio/arrl/2004-04/April-2004.htm

"ER has a great article on rebuilding the BC-610 that just came out in issue #178, March 2004, by Bill Feldman, N6PY. It's 16 pages long, filled with photographs and details on how he brought this beauty back to life.

Other issues that have good BC-610 information in, are issues #126, #127 and #128.

You can purchase single (back) issues for $3.75 each, on line, on the ER Web Page. "

ER is at http://www.ermag.com/

I have several of the back issues on the HT-4 but not issue #178. Drat!

Hope this helps and hope someone close by can assist. I'm out in California.

73,

Greg
K6SRO

# 4230. T-368F for sale

Yahoo group: T-368_BC-610
Date: 2010-08-08 16:25:49 UTC
From: harryenmark
Topic: 419  Message: 4230

My T-368F, currently on the air, is for sale. It is in good condition, not perfect but close, I'm asking $1500, you come get it! Seperately, I have some spares for it, like 4-400, 4-65, 6000 etc. and somewhere, if I can find it, I have a complete VFO assy. Location: Sierra Madre, CA Telephone 626-355-0290. Harry WA6IUR

# 4231. Re: [T-368_BC-610] Re: New BC-610E owner

Yahoo group: T-368_BC-610
Date: 2010-08-08 23:23:20 UTC
From: n2xd
Topic: 4228  Message: 4231

Greg,
     Thanks for the information.

73 John N2XD
 John Chmielewski

(803)408-2870

---
From: bayonetdad <gregf@...>
To: T-368_BC-610@yahoogroups.com
Sent: Sun, August 8, 2010 12:32:11 AM
Subject: [T-368_BC-610] Re: New BC-610E owner

Hi, This blurb appears at the bottom of this site
http://www.eht.com/oldradio/arrl/2004-04/April-2004.htm

"ER has a great article on rebuilding the BC-610 that just came out in issue
#178, March 2004, by Bill Feldman, N6PY. It's 16 pages long, filled with
photographs and details on how he brought this beauty back to life.

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Page. "

ER is at http://www.ermag.com/

I have several of the back issues on the HT-4 but not issue #178. Drat!

Hope this helps and hope someone close by can assist. I'm out in California.

73,

Greg
K6SRO

[Non-text portions of this message have been removed]

# 4232. New member with BC610E

Yahoo group: T-368_BC-610
Date: 2010-08-14 13:13:41 UTC
From: Peter
Topic: 4232  Message: 4232

Hello to all,I am also a new member with a working BC610E from WW2 1945, prefer working CW,transmitter has been modified to chirpless keying,I'm on the air sometimes at midnight abt 24 o clock GMT on the bands: 160m,80m,40m,20m,first QSO at 2006/11/30 with F5VJD rst 599+40db
73's to all from Peter DK6KT

# 4233. Re: [T-368_BC-610] New member with BC610E

Yahoo group: T-368_BC-610
Date: 2010-08-14 14:41:19 UTC
From: Todd, KA1KAQ
Topic: 4232  Message: 4233

On Sat, Aug 14, 2010 at 9:13 AM, Peter <radiokid@...> wrote:

>
>
> Hello to all,I am also a new member with a working BC610E from WW2 1945,
> prefer working CW,transmitter has been modified to chirpless keying,I'm on
> the air sometimes at midnight abt 24 o clock GMT on the bands:
> 160m,80m,40m,20m,first QSO at 2006/11/30 with F5VJD rst 599+40db
> 73's to all from Peter DK6KT
>

Should you decide to use it on 'fone Peter, let us know. There's a pretty good crew on 40m who work some trans-atlantic AM once the summer static conditions quiet down. Down in the 7150-7165 area.

~ Todd, KA1KAQ/4

[Non-text portions of this message have been removed]

# 4234. Re: [T-368_BC-610] New member with BC610E

Yahoo group: T-368_BC-610
Date: 2010-08-14 14:52:35 UTC
From: Alan Morriss
Topic: 4232  Message: 4234

hello peter, on 3615 khz there is a lot of am activity.both during the week around mid day, and at weekends. we in the vintage and military amateur radio society run a net on 3615 every saturday morning at 0830 bst. on sunday morning we operate cw on 3577 khz cw from 0900 bst. there is also am activity on 3615. all are welcome , you do not have to be a member. check our website vmars.org.uk.
3 of us have bc 610s. on another tack, does anyone know where i can get a solid state 1200 v inverter from the grc19 ? cheers, alan g4gen
----- Original Message -----
From: Todd, KA1KAQ
To: T-368_BC-610@yahoogroups.com
Sent: Saturday, August 14, 2010 3:41 PM
Subject: Re: [T-368_BC-610] New member with BC610E

On Sat, Aug 14, 2010 at 9:13 AM, Peter <radiokid@...> wrote:

>
>
> Hello to all,I am also a new member with a working BC610E from WW2 1945,
> prefer working CW,transmitter has been modified to chirpless keying,I'm on
> the air sometimes at midnight abt 24 o clock GMT on the bands:
> 160m,80m,40m,20m,first QSO at 2006/11/30 with F5VJD rst 599+40db
> 73's to all from Peter DK6KT
>

Should you decide to use it on 'fone Peter, let us know. There's a pretty
good crew on 40m who work some trans-atlantic AM once the summer static
conditions quiet down. Down in the 7150-7165 area.

~ Todd, KA1KAQ/4

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4235. WW2 BC-610 film

Yahoo group: T-368_BC-610
Date: 2010-08-19 02:08:00 UTC
From: steve_n8ye
Topic: 4235  Message: 4235

I found this on another reflector. Enjoy
http://www.youtube.com/watch?v=Jps0_2adUvo

Steve N8YE

# 4236. JB-70A power connectors wanted

Yahoo group: T-368_BC-610
Date: 2010-08-26 12:29:47 UTC
From: Roger Basford
Topic: 4236  Message: 4236

Hi All,

I have recently started getting some of the ancillary equipment for my BC-610 back into working order. First up was the BC-342-N receiver and that is now working and on soak test. I would now like to hook the BC-610, 614 and 342 into the JB-70A junction box, which has been gathering dust for a few years.

For this I need, as a minimum, male plugs to mate with sockets SO205 and SO206 on the JB-70A. 206 carries 12 V battery power for switching purposes and 205 carries the BC-342 muting circuit. Nice to have would also be the male connectors to mate with SO201, the main AC power for the BC-610 and also SO209, AC power to the BC-342.

I've taken the part numbers of the sockets from page 68 of TM 11-281, the makers type numbers are listed there and the makers names on the next page. Bear in mind I need the mating male plugs for these sockets, not the sockets themselves. I'm guessing that these plugs and sockets are now obsolete but if anyone knows of a source I'd be grateful for the info.

Oh, does anyone have a mounting plate for a BC-312/342 receiver they'd like to sell/swap?

73

Roger/G3VKM - Norfolk, England.

# 4237. Re: [T-368_BC-610] JB-70A power connectors wanted

Yahoo group: T-368_BC-610
Date: 2010-08-26 13:32:20 UTC
From: Bob Richmond
Topic: 4236  Message: 4237

Roger....

Can't help in giving any source references for this JB-70 project, but I have the same need here at my "qth" for my BC-610-E/BC-342/JB-70-A station.....

If you have any luck in your needed parts list, would you share the info with me?

73 es cul....

Bob
w8mnq "the 2nd"

++++++++++++++++++++++++++++++++++++++++++++++++

----- Original Message -----
From: Roger Basford
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, August 26, 2010 8:29 AM
Subject: [T-368_BC-610] JB-70A power connectors wanted

Hi All,

I have recently started getting some of the ancillary equipment for my BC-610 back into working order. First up was the BC-342-N receiver and that is now working and on soak test. I would now like to hook the BC-610, 614 and 342 into the JB-70A junction box, which has been gathering dust for a few years.

For this I need, as a minimum, male plugs to mate with sockets SO205 and SO206 on the JB-70A. 206 carries 12 V battery power for switching purposes and 205 carries the BC-342 muting circuit. Nice to have would also be the male connectors to mate with SO201, the main AC power for the BC-610 and also SO209, AC power to the BC-342.

I've taken the part numbers of the sockets from page 68 of TM 11-281, the makers type numbers are listed there and the makers names on the next page. Bear in mind I need the mating male plugs for these sockets, not the sockets themselves. I'm guessing that these plugs and sockets are now obsolete but if anyone knows of a source I'd be grateful for the info.

Oh, does anyone have a mounting plate for a BC-312/342 receiver they'd like to sell/swap?

73

Roger/G3VKM - Norfolk, England.

[Non-text portions of this message have been removed]

# 4238. Re: JB-70A power connectors wanted

Yahoo group: T-368_BC-610
Date: 2010-08-26 13:59:12 UTC
From: Roger Basford
Topic: 4236  Message: 4238

Be glad to, Bob.

73

Roger

--- In T-368_BC-610@yahoogroups.com, "Bob Richmond" <w8mnq@...> wrote:
>
> Roger....
>
> Can't help in giving any source references for this JB-70 project, but I have the same need here at my "qth" for my BC-610-E/BC-342/JB-70-A station.....
>
> If you have any luck in your needed parts list, would you share the info with me?
>
> 73 es cul....
>
> Bob
> w8mnq "the 2nd"
>
> ++++++++++++++++++++++++++++++++++++++++++++++++
>
>
> ----- Original Message -----
> From: Roger Basford
> To: T-368_BC-610@yahoogroups.com
> Sent: Thursday, August 26, 2010 8:29 AM
> Subject: [T-368_BC-610] JB-70A power connectors wanted
>
>
>
> Hi All,
>
> I have recently started getting some of the ancillary equipment for my
> BC-610 back into working order. First up was the BC-342-N receiver and
> that is now working and on soak test. I would now like to hook the
> BC-610, 614 and 342 into the JB-70A junction box, which has been
> gathering dust for a few years.
>
> For this I need, as a minimum, male plugs to mate with sockets SO205 and
> SO206 on the JB-70A. 206 carries 12 V battery power for switching
> purposes and 205 carries the BC-342 muting circuit. Nice to have would
> also be the male connectors to mate with SO201, the main AC power for
> the BC-610 and also SO209, AC power to the BC-342.
>
> I've taken the part numbers of the sockets from page 68 of TM 11-281,

> the makers type numbers are listed there and the makers names on the
> next page. Bear in mind I need the mating male plugs for these sockets,
> not the sockets themselves. I'm guessing that these plugs and sockets
> are now obsolete but if anyone knows of a source I'd be grateful for the
> info.
>
> Oh, does anyone have a mounting plate for a BC-312/342 receiver they'd
> like to sell/swap?
>
> 73
>
> Roger/G3VKM - Norfolk, England.
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 4239. Re: [T-368_BC-610] Re: JB-70A power connectors wanted

Yahoo group: T-368_BC-610
Date: 2010-08-26 14:16:18 UTC
From: John King
Topic: 4236  Message: 4239

Question: I have two BC 610s and one JB 70. I work only AM with them. I have never hooked up the JB 70 . Is there any advantage to using the JB 70 if I only operate AM? Just curious. 73, John, K5PGW

--- On Thu, 8/26/10, Roger Basford <Roger@...> wrote:

From: Roger Basford <Roger@new-gate.co.uk>
Subject: [T-368_BC-610] Re: JB-70A power connectors wanted
To: T-368_BC-610@yahoogroups.com
Date: Thursday, August 26, 2010, 5:59 AM

Be glad to, Bob.

73

Roger

--- In T-368_BC-610@yahoogroups.com, "Bob Richmond" <w8mnq@...> wrote:

>

> Roger....

>

> Can't help in giving any source references for this JB-70 project, but I have the same need here at my "qth" for my BC-610-E/BC-342/JB-70-A station.....

>

> If you have any luck in your needed parts list, would you share the info with me?

>

> 73 es cul....

>

> Bob

> w8mnq "the 2nd"

>

> ++++++++++++++++++++++++++++++++++++++++++++++++

>

>

> ----- Original Message -----
> From: Roger Basford
> To: T-368_BC-610@yahoogroups.com
> Sent: Thursday, August 26, 2010 8:29 AM
> Subject: [T-368_BC-610] JB-70A power connectors wanted
>
>
>
> Hi All,
>
> I have recently started getting some of the ancillary equipment for my
> BC-610 back into working order. First up was the BC-342-N receiver and
> that is now working and on soak test. I would now like to hook the
> BC-610, 614 and 342 into the JB-70A junction box, which has been
> gathering dust for a few years.
>
> For this I need, as a minimum, male plugs to mate with sockets SO205 and
> SO206 on the JB-70A. 206 carries 12 V battery power for switching
> purposes and 205 carries the BC-342 muting circuit. Nice to have would
> also be the male connectors to mate with SO201, the main AC power for
> the BC-610 and also SO209, AC power to the BC-342.
>
> I've taken the part numbers of the sockets from page 68 of TM 11-281,
> the makers type numbers are listed there and the makers names on the
> next page. Bear in mind I need the mating male plugs for these sockets,
> not the sockets themselves. I'm guessing that these plugs and sockets
> are now obsolete but if anyone knows of a source I'd be grateful for the
> info.
>

> Oh, does anyone have a mounting plate for a BC-312/342 receiver they'd

> like to sell/swap?

>

> 73

>

> Roger/G3VKM - Norfolk, England.

>

>

>

>

>

> [Non-text portions of this message have been removed]

>

[Non-text portions of this message have been removed]

# 4240. Re: [T-368_BC-610] Re: JB-70A power connectors wanted

Yahoo group: T-368_BC-610
Date: 2010-08-26 15:27:30 UTC
From: wa5cab@cs.com
Topic: 4236  Message: 4240

John,

Which model(s) of BC-610's. receiver(s) and BC-614('s) do you have in the mix?

In a message dated 8/26/2010 9:16:23 AM Central Daylight Time, k5pgw@... writes:
> Question: I have two BC 610s and one JB 70. I work only AM with them. I
> have never hooked up the JB 70 . Is there any advantage to using the JB 70
> if I only operate AM? Just curious. 73, John, K5PGW
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4241. Re: [T-368_BC-610] Re: JB-70A power connectors wanted

Yahoo group: T-368_BC-610
Date: 2010-08-26 16:55:58 UTC
From: W6PSS@aol.com
Topic: 4236  Message: 4241

Robert & Group,
Coincidentally Robert, I initiated current connector ads running in ER shortly after seeking your assistance for a connector. Found this guy in Internet and rest is history. Here's ad:
"FOR SALE: Military connectors are our specialty. Please call for availability and price. William Perry, 702 (rear) Beechwood Road, Louisville, KY 40207 _williamperrycompany@..._ (mailto:williamperrycompany@...) 502-893-8724, FAX 502-893-9220"
Cheers Sir,
david
RMCS, USN(Ret)
KC MO

[Non-text portions of this message have been removed]

# 4242. Re: [T-368_BC-610] Re: JB-70A power connectors wanted

Yahoo group: T-368_BC-610
Date: 2010-08-26 17:30:49 UTC
From: wa5cab@cs.com
Topic: 4236  Message: 4242

David,

Yep. I've been doing business with Bill since the 80's. If someone contacts me for a connector and I don't have it, I usually tell them to call Bill, unless they are foreign, in which case I may do the calling.

Some of the connectors that Roger is looking for aren't the sort of thing Bill normally has. The only place I've found the smaller ones (the Hubbells) in recent years has been at garage sales. Same for the BC-610 AC line plug. Some of the numbers are still being made under the same old number. But they don't always fit. Diameter of current (since the 80's) production is larger than the black bakelite originals and doesn't fit into the recessed male on either the BC-610 or the RA-20. And the wall thickness on the newer ones is too thin to allow turning down the diameter in a lathe.

FWIW, as a general statement the several variants of the two-pole and three-pole twist-lock connectors (females) have the same guts. Only the slotted holes in the connector face are different. So if you find any of the old (smaller diameter) ones you can sometimes modify the face opening to fit the keys on the chassis males and use them. The current and/or voltage ratings are, in this case, only "administrative".

In a message dated 8/26/2010 11:56:14 AM Central Daylight Time,
W6PSS@... writes:
> Robert &Group,
> Coincidentally Robert, I initiated current connector ads running in ER
> shortly after seeking your assistance for a connector. Found this guy in
>
> Internet and rest is history. Here's ad:
> "FOR SALE: Military connectors are our specialty. Please call for
> availability and price. William Perry, 702 (rear) Beechwood Road,
> Louisville, KY
> 40207 _williamperrycompany@..._
> (mailto:williamperrycompany@...) 502-893-8724, FAX
> 502-893-9220"
> Cheers Sir,
> david
> RMCS, USN(Ret)
> KC MO

Robert Downs - Houston
CWO4 USNR Ret'd
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4243. Re: JB-70A power connectors wanted

Yahoo group: T-368_BC-610
Date: 2010-08-26 18:47:27 UTC
From: Roger Basford
Topic: 4236  Message: 4243

Hi Robert,

That's what I feared, the designs have altered or the connectors have just plain died out. To be fair, there's no real problem in changing the sockets for something similar, either modern or vintage, depends on what I have in the junk box. Also, the sockets are partially out of sight underneath the chassis of the JB-70A so what I use would be on show.

To the question of whether it's worth the effort of getting the JB-70A going, I have a homebrew station controller which I use with the BC-610 at the moment so I am really only using the 70A because I have one, it does give me CW sidetone which I don't have at the moment - but then I was brought up on key-clicks at radio college, so sidetone is a luxury!

--- In T-368_BC-610@yahoogroups.com, wa5cab@... wrote:
>
> David,
>
> Yep. I've been doing business with Bill since the 80's. If someone
> contacts me for a connector and I don't have it, I usually tell them to call Bill,
> unless they are foreign, in which case I may do the calling.
>
> Some of the connectors that Roger is looking for aren't the sort of thing
> Bill normally has. The only place I've found the smaller ones (the Hubbells)
> in recent years has been at garage sales. Same for the BC-610 AC line
> plug. Some of the numbers are still being made under the same old number. But
> they don't always fit. Diameter of current (since the 80's) production is
> larger than the black bakelite originals and doesn't fit into the recessed
> male on either the BC-610 or the RA-20. And the wall thickness on the newer
> ones is too thin to allow turning down the diameter in a lathe.
>
> FWIW, as a general statement the several variants of the two-pole and
> three-pole twist-lock connectors (females) have the same guts. Only the slotted
> holes in the connector face are different. So if you find any of the old
> (smaller diameter) ones you can sometimes modify the face opening to fit the
> keys on the chassis males and use them. The current and/or voltage

ratings
> are, in this case, only "administrative".
>

# 4244. Re: [T-368_BC-610] Re: JB-70A power connectors wanted

Yahoo group: T-368_BC-610
Date: 2010-08-26 19:14:33 UTC
From: wa5cab@cs.com
Topic: 4236  Message: 4244

Roger,

OK. I've no idea why but when all the plug makers switched from bakelite to clear and yellow plastic, the plug OD increased enough that it won't go into an old recessed mounting. The new one will fit an old male cable plug, and will fit the male surface mounted style. Just not the recessed one.

Phil at Fair says he has some plugs that will fit the AC input plug on the BC-610 but that they have some sort of flange that you have to cut off. So if anyone needs one of those, call Phil. He doesn't know whether or not he has the AC input cable plug for the large connector on the bottom of the JB-70 or not (he doesn't have a JB-70 to check against). I told him next time he finds a plug he thinks might be it to send me the dimensions and I'd check them against the chassis plug in a junker JB-70 I have.

In a message dated 8/26/2010 1:47:41 PM Central Daylight Time,
Roger@... writes:
> Hi Robert,
>
> That's what I feared, the designs have altered or the connectors have
> just plain died out. To be fair, there's no real problem in changing the
> sockets for something similar, either modern or vintage, depends on what
> I have in the junk box. Also, the sockets are partially out of sight
> underneath the chassis of the JB-70A so what I use would be on show.
>
> To the question of whether it's worth the effort of getting the JB-70A
> going, I have a homebrew station controller which I use with the BC-610
> at the moment so I am really only using the 70A because I have one, it
> does give me CW sidetone which I don't have at the moment - but then I
> was brought up on key-clicks at radio college, so sidetone is a luxury!
>
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4245. Re: [T-368_BC-610] Re: JB-70A power connectors wanted

Yahoo group: T-368_BC-610
Date: 2010-08-26 19:44:51 UTC
From: Alan Morriss
Topic: 4236  Message: 4245

hello roger, why not try jan pa3hco from whom we bought the truck. he knows where a lot of stuff is. cheers, alan g4gen
----- Original Message -----
From: wa5cab@...
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, August 26, 2010 8:14 PM
Subject: Re: [T-368_BC-610] Re: JB-70A power connectors wanted

Roger,

OK. I've no idea why but when all the plug makers switched from bakelite to clear and yellow plastic, the plug OD increased enough that it won't go into an old recessed mounting. The new one will fit an old male cable plug, and will fit the male surface mounted style. Just not the recessed one.

Phil at Fair says he has some plugs that will fit the AC input plug on the BC-610 but that they have some sort of flange that you have to cut off. So if anyone needs one of those, call Phil. He doesn't know whether or not he has the AC input cable plug for the large connector on the bottom of the JB-70 or not (he doesn't have a JB-70 to check against). I told him next time he finds a plug he thinks might be it to send me the dimensions and I'd check them against the chassis plug in a junker JB-70 I have.

In a message dated 8/26/2010 1:47:41 PM Central Daylight Time,
Roger@... writes:
> Hi Robert,
>
> That's what I feared, the designs have altered or the connectors have
> just plain died out. To be fair, there's no real problem in changing the
> sockets for something similar, either modern or vintage, depends on what
> I have in the junk box. Also, the sockets are partially out of sight
> underneath the chassis of the JB-70A so what I use would be on show.
>
> To the question of whether it's worth the effort of getting the JB-70A
> going, I have a homebrew station controller which I use with the BC-610
> at the moment so I am really only using the 70A because I have one, it
> does give me CW sidetone which I don't have at the moment - but then I
> was brought up on key-clicks at radio college, so sidetone is a luxury!
>
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4246. Re: [T-368_BC-610] Re: JB-70A power connectors wanted

Yahoo group: T-368_BC-610
Date: 2010-08-27 01:40:20 UTC
From: John King
Topic: 4236  Message: 4246

Hello Robert. I usually use a Hammarlund HQ 150 or some other such as a SP600JX17.

I do have the matching receiver that was part of the original military station. I think it is either a BC 342 or BC 312. Looks like in great shape but I have never fired it up. It also appears to have all the necessary cables with it. I am in Montana so I can't look at it.

We plan to be at the Belton Hamfest first weekend in October  73, John, K5PGW.

--- On Thu, 8/26/10, wa5cab@... <wa5cab@...> wrote:

From: wa5cab@cs.com <wa5cab@...>
Subject: Re: [T-368_BC-610] Re: JB-70A power connectors wanted
To: T-368_BC-610@yahoogroups.com
Date: Thursday, August 26, 2010, 7:27 AM

John,

Which model(s) of BC-610's. receiver(s) and BC-614('s) do you have in the

mix?

In a message dated 8/26/2010 9:16:23 AM Central Daylight Time,

k5pgw@yahoo.com writes:

> Question: I have two BC 610s and one JB 70. I work only AM with them. I

> have never hooked up the JB 70 . Is there any advantage to using the JB 70

> if I only operate AM? Just curious. 73, John, K5PGW

>

Robert Downs - Houston

wa5cab dot com (Web Store)

MVPA 9480

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4247. Re: [T-368_BC-610] Re: JB-70A power connectors wanted

Yahoo group: T-368_BC-610
Date: 2010-08-27 01:56:59 UTC
From: ksweek@mindspring.com
Topic: 4236  Message: 4247

Does anyone have a link to a picture of wanted connector or socket.
Also the outside dimension would be helpful. Never know what is some
peoples junk box.

Ken S

# 4248. Re: JB-70A power connectors wanted

Yahoo group: T-368_BC-610
Date: 2010-08-27 05:55:22 UTC
From: Roger Basford
Topic: 4236  Message: 4248

Hi Ken,

I'll try to get some photos taken and put them on the Photos section of the web site.

73

Roger/G3VKM

--- In T-368_BC-610@...m, ksweek@... wrote:
>
> Does anyone have a link to a picture of wanted connector or socket.
> Also the outside dimension would be helpful. Never know what is some
> peoples junk box.
>
> Ken S
>

# 4249. Re: JB-70A power connectors wanted

Yahoo group: T-368_BC-610
Date: 2010-08-27 05:57:01 UTC
From: Roger Basford
Topic: 4236  Message: 4249

OK Alan,

I'd forgotten Jan, he had at least two JB-70As in a photo he sent me of his station, so maybe he'll have some spare cables/plugs.

73

Roger

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello roger, why not try jan pa3hco from whom we bought the truck. he knows where a lot of stuff is. cheers, alan g4gen

>

# 4250. My BC610E is ready for AM

Yahoo group: T-368_BC-610
Date: 2010-08-27 20:11:14 UTC
From: radiokid@ymail.com
Topic: 4250  Message: 4250

Hello to all,have last night finished my work at the BC610E to get qrv in AM.It is impressive to see how it works in that mode.have a nice old SHURE 440 mike which plug fits to the Detrola speechamplifier.the quality of this old gear seems to me to be made for eternity.there was nothing to repair except of the connecting cable and much cleaning.
one question remains:why does the HV break so much down if the key is pressed?What can I do to repair or modify this?

# 4251. Re: [T-368_BC-610] My BC610E is ready for AM

Yahoo group: T-368_BC-610
Date: 2010-08-27 21:08:32 UTC
From: wa5cab@cs.com
Topic: 4250  Message: 4251

If by "HV break so much down if the key is pressed" you mean that the high B+ drops when you key the transmitter, how much does it drop? In AM, there should be no high B+ until you close the PTT switch. In CW it's on all the time if the HV switch is up. Two things that could cause excessive drop on key down in CW are open bleeder resistor (49 years ago, an open bleeder almost killed me) and poor regulation in the AC supply. You should have a minimum of #10 wiring all the way from the entry breaker panel to the transmitter.

In a message dated 8/27/2010 3:12:08 PM Central Daylight Time,
radiokid@... writes:
> Hello to all,have last night finished my work at the BC610E to get qrv in
> AM.It is impressive to see how it works in that mode.have a nice old SHURE
> 440 mike which plug fits to the Detrola speechamplifier.the quality of
> this old gear seems to me to be made for eternity.there was nothing to repair
> except of the connecting cable and much cleaning.
> one question remains:why does the HV break so much down if the key is
> pressed?What can I do to repair or modify this?

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4252. Re: [T-368_BC-610] My BC610E is ready for AM

Yahoo group: T-368_BC-610
Date: 2010-08-27 21:15:24 UTC
From: James M. Walker
Topic: 4250  Message: 4252

Howdy
You will need an A.C. input of 120 VAC that does Not sag when at full power.
The BC-610E want 115 VAC at approximately 35 amps. If it was an "H" or "I"
model you could run the HV to the pa on 220 and the rest on 110, or 115 vac.
and be fine.
Jim
WB2FCN
http://eshop1.chem.buffalo.edu

----- Original Message -----
From: <radiokid@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Friday, August 27, 2010 4:11 PM
Subject: [T-368_BC-610] My BC610E is ready for AM

> Hello to all,have last night finished my work at the BC610E to get qrv in
> AM.It is impressive to see how it works in that mode.have a nice old SHURE
> 440 mike which plug fits to the Detrola speechamplifier.the quality of
> this old gear seems to me to be made for eternity.there was nothing to
> repair except of the connecting cable and much cleaning.
> one question remains:why does the HV break so much down if the key is
> pressed?What can I do to repair or modify this?
>
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> ------------------------------------
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> Yahoo! Groups Links
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# 4253. Re: My BC610E is ready for AM

Yahoo group: T-368_BC-610
Date: 2010-08-28 11:39:13 UTC
From: radiokid@ymail.com
Topic: 4250  Message: 4253

I have just made some voltage measurements.
The idle mains voltage is 111,6 volts,
but on full load only 99,5 volts.
measure point was the speechamplifier.
but if I want to measure at the step down transformer (from 220 to 110 volts) the transistorised multimeter measures 0 volts and the old multimeter reads over 300 volts(instead of abt 110 volts).
I think there is a lot of HF on the mains line.
Sometimes my telephone rings when I am keying the old BC610 but there is no one calling me.
the HV reads idle 2950 volts on load 2300 volts.
I think I can improve the situation by shorten the mains cable and take a cable of greater diameter.I should try to get rid of the HF on the mains line.
the bleeder resistor is good,have controlled it at earlier times.

--- In T-368_BC-610@yahoogroups.com, wa5cab@... wrote:
>
> If by "HV break so much down if the key is pressed" you mean that the high
> B+ drops when you key the transmitter, how much does it drop? In AM, there
> should be no high B+ until you close the PTT switch. In CW it's on all the
> time if the HV switch is up. Two things that could cause excessive drop on
> key down in CW are open bleeder resistor (49 years ago, an open bleeder
> almost killed me) and poor regulation in the AC supply. You should have a
> minimum of #10 wiring all the way from the entry breaker panel to the
> transmitter.
>
> In a message dated 8/27/2010 3:12:08 PM Central Daylight Time,
> radiokid@... writes:
> > Hello to all,have last night finished my work at the BC610E to get qrv in
> > AM.It is impressive to see how it works in that mode.have a nice old SHURE
> > 440 mike which plug fits to the Detrola speechamplifier.the quality of
> > this old gear seems to me to be made for eternity.there was nothing to repair
> > except of the connecting cable and much cleaning.
> > one question remains:why does the HV break so much down if the key is
> > pressed?What can I do to repair or modify this?
>
> Robert Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
>
> [Non-text portions of this message have been removed]
>

# 4254. Re: [T-368_BC-610] Re: My BC610E is ready for AM

Yahoo group: T-368_BC-610
Date: 2010-08-28 11:51:43 UTC
From: Bry Carling
Topic: 4250  Message: 4254

On 28 Aug 2010 at 11:39, radiokid@... wrote:

> Sometimes my telephone rings when I am keying the old BC610 but
> there
> is no one calling me.

It's your imaginary friend calling!

[Non-text portions of this message have been removed]

# 4255. Re: [T-368_BC-610] Re: My BC610E is ready for AM

Yahoo group: T-368_BC-610
Date: 2010-08-28 11:53:27 UTC
From: Bry Carling
Topic: 4250  Message: 4255

You should check the mains voltage at the PLUG where it gets
the power from the wall socket., and see if it is dropping the
same amount there. If it is then changing the cable on the BC610 will not
help.

You might need some heavier wiring in the house itself if that is the case.

73 - Brian, AF4K

On 28 Aug 2010 at 11:39, radiokid@... wrote:

> the HV reads idle 2950 volts on load 2300 volts.
> I think I can improve the situation by shorten the mains cable and
> take a
> cable of greater diameter.I should try to get rid of the HF on the
> mains
> line.
> the bleeder resistor is good,have controlled it at earlier times.

[Non-text portions of this message have been removed]

# 4256. rf

Yahoo group: T-368_BC-610
Date: 2010-08-28 12:46:24 UTC
From: Alan Morriss
Topic: 4256  Message: 4256

hello guys, well, whenever i key my W/S 53 , which is the british successor to the BC610, the phone rings.
i was running the BC610 from our pe95 which has been modified for 220V . it was used as a standby power unit in holland. we have to use the same auto transformer which we use on the mains 230v.
i found that the voltage dropped to 95 , but the tx still worked with a reduced power. the bc342 however went dead and needed warm up time before coming on again .
we have given that idea up and i am looking for a 5kva variac. alan g4gen

[Non-text portions of this message have been removed]

# 4257. Was: JB-70A power connectors wanted/Now FT-162

Yahoo group: T-368_BC-610
Date: 2010-08-28 14:54:04 UTC
From: Roger Basford
Topic: 4236  Message: 4257

Hi All,

Search over! Have located a base for the BC-342-N, along with the CH-121-A Chest it goes with.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Roger Basford" <Roger@...> wrote:
>

>
> Oh, does anyone have a mounting plate for a BC-312/342 receiver they'd
> like to sell/swap?
>
> 73
>
> Roger/G3VKM - Norfolk, England.
>

# 4258. Re: rf

Yahoo group: T-368_BC-610
Date: 2010-08-28 15:03:51 UTC
From: Roger Basford
Topic: 4256  Message: 4258

Hi Alan,

Modern electronics aren't WS-53 or BC-610 proof, I'm afraid! I now have one of these new-fangled TVs with built in Internet, etc, Lord knows what will happen next time I fire up The Beast! No TX antenna at the moment so can't experiment.

Did you ever try that 117V auto-transformer you got from me? I'm not a fan of auto-transformers myself and use a yellow site transformer with the secondary centre tap removed but that only gives 110V on load of course. That ex-RAF lump was well-rated for a BC-610 I would think, if weight is anything to go by. It was used to run some American IFF gear that formed part of a RAF ground radar system, so you can be sure its conservatively rated.

The WS-53 sounded great this morning, as ever!

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello guys, well, whenever i key my W/S 53 , which is the british successor to the BC610, the phone rings.
> i was running the BC610 from our pe95 which has been modified for 220V . it was used as a standby power unit in holland. we have to use the same auto transformer which we use on the mains 230v.
> i found that the voltage dropped to 95 , but the tx still worked with a reduced power. the bc342 however went dead and needed warm up time before coming on again .
> we have given that idea up and i am looking for a 5kva variac. alan g4gen
>
> [Non-text portions of this message have been removed]
>

# 4259. Re: [T-368_BC-610] Re: My BC610E is ready for AM

Yahoo group: T-368_BC-610
Date: 2010-08-28 15:19:52 UTC
From: Joe Foley
Topic: 4250  Message: 4259

Check all of your neutral connections all the way to the meter socket, a loose one will show as reduced voltage.

Joe

--- On Sat, 8/28/10, radiokid@... <radiokid@...> wrote:

From: radiokid@ymail.com <radiokid@...>
Subject: [T-368_BC-610] Re: My BC610E is ready for AM
To: T-368_BC-610@yahoogroups.com
Date: Saturday, August 28, 2010, 7:39 AM

I have just made some voltage measurements.
The idle mains voltage is 111,6 volts,
but on full load only 99,5 volts.
measure point was the speechamplifier.
but if I want to measure at the step down transformer (from 220 to 110 volts) the transistorised multimeter measures 0 volts and the old multimeter reads over 300 volts(instead of abt 110 volts).
I think there is a lot of HF on the mains line.
Sometimes my telephone rings when I am keying the old BC610 but there is no one calling me.
the HV reads idle 2950 volts on load 2300 volts.
I think I can improve the situation by shorten the mains cable and take a cable of greater diameter.I should try to get rid of the HF on the mains line.
the bleeder resistor is good,have controlled it at earlier times.

--- In T-368_BC-610@yahoogroups.com, wa5cab@... wrote:
>
> If by "HV break so much down if the key is pressed" you mean that the high
> B+ drops when you key the transmitter, how much does it drop? In AM, there
> should be no high B+ until you close the PTT switch. In CW it's on all the
> time if the HV switch is up. Two things that could cause excessive drop on
> key down in CW are open bleeder resistor (49 years ago, an open bleeder
> almost killed me) and poor regulation in the AC supply. You should have a
> minimum of #10 wiring all the way from the entry breaker panel to the
> transmitter.
>
> In a message dated 8/27/2010 3:12:08 PM Central Daylight Time,
> radiokid@... writes:
> > Hello to all,have last night finished my work at the BC610E to get qrv in
> > AM.It is impressive to see how it works in that mode.have a nice old SHURE
> > 440 mike which plug fits to the Detrola speechamplifier.the quality of
> > this old gear seems to me to be made for eternity.there was nothing to repair
> > except of the connecting cable and much cleaning.
> > one question remains:why does the HV break so much down if the key is

> > pressed?What can I do to repair or modify this?
>
> Robert Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 4260. Re: [T-368_BC-610] Re: rf

Yahoo group: T-368_BC-610
Date: 2010-08-28 17:34:08 UTC
From: Alan Morriss
Topic: 4256  Message: 4260

hello roger, yes we used it at first, but i found that the voltage was around 120 . we had a site transformer, and removed the centre tap. this does it a treat.
this is mounted in the chest of the pe95 when we use the scr399 at shows. the generator was re wired with two 220v stators giving 2 outputs. one of these drives the set and the other our gear .
trouble is that on load the voltage drops to 95 or just over. what i want is a 5kva variac.
cheers, alan
----- Original Message -----
From: Roger Basford
To: T-368_BC-610@yahoogroups.com
Sent: Saturday, August 28, 2010 4:03 PM
Subject: [T-368_BC-610] Re: rf

Hi Alan,

Modern electronics aren't WS-53 or BC-610 proof, I'm afraid! I now have one of these new-fangled TVs with built in Internet, etc, Lord knows what will happen next time I fire up The Beast! No TX antenna at the moment so can't experiment.

Did you ever try that 117V auto-transformer you got from me? I'm not a fan of auto-transformers myself and use a yellow site transformer with the secondary centre tap removed but that only gives 110V on load of course. That ex-RAF lump was well-rated for a BC-610 I would think, if weight is anything to go by. It was used to run some American IFF gear that formed part of a RAF ground radar system, so you can be sure its conservatively rated.

The WS-53 sounded great this morning, as ever!

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello guys, well, whenever i key my W/S 53 , which is the british successor to the BC610, the phone rings.
> i was running the BC610 from our pe95 which has been modified for 220V . it was used as a standby power unit in holland. we have to use the same auto transformer which we use on the mains 230v.
> i found that the voltage dropped to 95 , but the tx still worked with a reduced power. the bc342 however went dead and needed warm up time before coming on again .
> we have given that idea up and i am looking for a 5kva variac. alan g4gen
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 4261. Re: Was: JB-70A power connectors wanted/Now FT-162

Yahoo group: T-368_BC-610
Date: 2010-08-28 19:20:23 UTC
From: ke5o_steve
Topic: 4236  Message: 4261

Congratulations Roger! I am still looking for one here stateside (have the CH-120-A already) if anyone has any leads.
TNX,
Steve Gomez
ke5o

--- In T-368_BC-610@yahoogroups.com, "Roger Basford" <Roger@...> wrote:
>
> Hi All,
>
> Search over! Have located a base for the BC-342-N, along with the CH-121-A Chest it goes with.
>
> 73
>
> Roger/G3VKM
>
>
>
> --- In T-368_BC-610@yahoogroups.com, "Roger Basford" <Roger@> wrote:
> >
>
> >
> > Oh, does anyone have a mounting plate for a BC-312/342 receiver they'd
> > like to sell/swap?
> >
> > 73
> >
> > Roger/G3VKM - Norfolk, England.
> >
>

# 4262. Re: rf

Yahoo group: T-368_BC-610
Date: 2010-08-28 19:31:59 UTC
From: Roger Basford
Topic: 4256  Message: 4262

Hi Alan,

Well if there's a big voltage drop on full load it looks like the rewound PE95 with the two stators can't handle the required current and the Variac may not help, and you may find you have to constantly adjust it to meet the varying load. That 117V autotransformer will give you a little overhead if it runs at 120V, if it drops to 110V then you're better off than the site transformer giving you 95V. Was that 120V on load or off-load? Someone on the group quoted 40+ amps at 115V for the '610 on full whack, I'd guess with the conversion losses between 220 and 110 you might be needing a bigger genny? Where is your site transformer relative to the station, if the lead is too long you'll lose more power that way.

Bye

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello roger, yes we used it at first, but i found that the voltage was around 120 . we had a site transformer, and removed the centre tap. this does it a treat.
> this is mounted in the chest of the pe95 when we use the scr399 at shows. the generator was re wired with two 220v stators giving 2 outputs. one of these drives the set and the other our gear .
> trouble is that on load the voltage drops to 95 or just over. what i want is a 5kva variac. cheers, alan
> ----- Original Message -----
> From: Roger Basford
> To: T-368_BC-610@yahoogroups.com
> Sent: Saturday, August 28, 2010 4:03 PM
> Subject: [T-368_BC-610] Re: rf
>
>
>
> Hi Alan,
>
> Modern electronics aren't WS-53 or BC-610 proof, I'm afraid! I now have one of these new-fangled TVs with built in Internet, etc, Lord knows what will happen next time I fire up The Beast! No TX antenna at the moment so can't experiment.
>
> Did you ever try that 117V auto-transformer you got from me? I'm not a fan of auto-transformers myself and use a yellow site transformer with the secondary centre tap removed but that only gives 110V on load of course. That ex-RAF lump was well-rated for a BC-610 I would think, if weight is anything to go by. It was used to run some American IFF gear that formed part of a RAF ground radar system, so you can be sure its conservatively rated.
>

> The WS-53 sounded great this morning, as ever!
>
> 73
>
> Roger/G3VKM
>
> --- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@> wrote:
> >
> > hello guys, well, whenever i key my W/S 53 , which is the british successor to the BC610, the phone rings.
> > i was running the BC610 from our pe95 which has been modified for 220V . it was used as a standby power unit in holland. we have to use the same auto transformer which we use on the mains 230v.
> > i found that the voltage dropped to 95 , but the tx still worked with a reduced power. the bc342 however went dead and needed warm up time before coming on again .
> > we have given that idea up and i am looking for a 5kva variac. alan g4gen
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 4263. Re: [T-368_BC-610] Re: rf

Yahoo group: T-368_BC-610
Date: 2010-08-28 20:32:33 UTC
From: Alan Morriss
Topic: 4256  Message: 4263

+hello rooger, we worked that out, and decided that we might find a setting where the voltage is within the higher limit, but does not drop too low. the tx seems to work ok with a slight power reduction on about 98 V. i think however that this is not too good for the big valves.
i am looking for a proper 110v generator. one day i will find one ! as things are, we ran it from a standard 5kva commercial generator and the transformer.
the one we got from you is too big to fit in the pe95.
all a bit academic though, as i still have not got any mod , the bias control does nothing, and on cw it is permanent key down.
max thinks it is the lead from jb70 to the tx. the end at the tx plug turns through 90 deg. when i get round to it i will check it for shorts and continuity.
at present the truck and pe95 are standing out in the park, so when we put it back in the shed i will have a go.
----- Original Message -----
From: Roger Basford
To: T-368_BC-610@yahoogroups.com
Sent: Saturday, August 28, 2010 8:31 PM
Subject: [T-368_BC-610] Re: rf

Hi Alan,

Well if there's a big voltage drop on full load it looks like the rewound PE95 with the two stators can't handle the required current and the Variac may not help, and you may find you have to constantly adjust it to meet the varying load. That 117V autotransformer will give you a little overhead if it runs at 120V, if it drops to 110V then you're better off than the site transformer giving you 95V. Was that 120V on load or off-load? Someone on the group quoted 40+ amps at 115V for the '610 on full whack, I'd guess with the conversion losses between 220 and 110 you might be needing a bigger genny? Where is your site transformer relative to the station, if the lead is too long you'll lose more power that way.

Bye

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello roger, yes we used it at first, but i found that the voltage was around 120 . we had a site transformer, and removed the centre tap. this does it a treat.
> this is mounted in the chest of the pe95 when we use the scr399 at shows. the generator was re wired with two 220v stators giving 2 outputs. one of these drives the set and the other our gear .
> trouble is that on load the voltage drops to 95 or just over. what i want is a 5kva variac. cheers, alan
> ----- Original Message -----
> From: Roger Basford

> To: T-368_BC-610@yahoogroups.com
> Sent: Saturday, August 28, 2010 4:03 PM
> Subject: [T-368_BC-610] Re: rf
>
>
>
> Hi Alan,
>
> Modern electronics aren't WS-53 or BC-610 proof, I'm afraid! I now have one of these new-fangled TVs with built in Internet, etc, Lord knows what will happen next time I fire up The Beast! No TX antenna at the moment so can't experiment.
>
> Did you ever try that 117V auto-transformer you got from me? I'm not a fan of auto-transformers myself and use a yellow site transformer with the secondary centre tap removed but that only gives 110V on load of course. That ex-RAF lump was well-rated for a BC-610 I would think, if weight is anything to go by. It was used to run some American IFF gear that formed part of a RAF ground radar system, so you can be sure its conservatively rated.
>
> The WS-53 sounded great this morning, as ever!
>
> 73
>
> Roger/G3VKM
>
> --- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@> wrote:
> >
> > hello guys, well, whenever i key my W/S 53 , which is the british successor to the BC610, the phone rings.
> > i was running the BC610 from our pe95 which has been modified for 220V . it was used as a standby power unit in holland. we have to use the same auto transformer which we use on the mains 230v.
> > i found that the voltage dropped to 95 , but the tx still worked with a reduced power. the bc342 however went dead and needed warm up time before coming on again .
> > we have given that idea up and i am looking for a 5kva variac. alan g4gen
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 4264. Re: [T-368_BC-610] Re: rf

Yahoo group: T-368_BC-610
Date: 2010-08-28 20:38:44 UTC
From: Alan Morriss
Topic: 4256  Message: 4264

oh, i forgot to say, the transformer has a short heavy duty lead from it with one of the proper massive plugs on it which connects to the lead to the jb70. there is little loss. it works fine on a small 5kva gene.i would not think it takes 40 amps, as the mains lead for the transformer has a standard 13a fuse, and it has never blown. that would only represent 26a out. alan
----- Original Message -----
From: Roger Basford
To: T-368_BC-610@yahoogroups.com
Sent: Saturday, August 28, 2010 8:31 PM
Subject: [T-368_BC-610] Re: rf

Hi Alan,

Well if there's a big voltage drop on full load it looks like the rewound PE95 with the two stators can't handle the required current and the Variac may not help, and you may find you have to constantly adjust it to meet the varying load. That 117V autotransformer will give you a little overhead if it runs at 120V, if it drops to 110V then you're better off than the site transformer giving you 95V. Was that 120V on load or off-load? Someone on the group quoted 40+ amps at 115V for the '610 on full whack, I'd guess with the conversion losses between 220 and 110 you might be needing a bigger genny? Where is your site transformer relative to the station, if the lead is too long you'll lose more power that way.

Bye

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello roger, yes we used it at first, but i found that the voltage was around 120 . we had a site transformer, and removed the centre tap. this does it a treat.
> this is mounted in the chest of the pe95 when we use the scr399 at shows. the generator was re wired with two 220v stators giving 2 outputs. one of these drives the set and the other our gear .
> trouble is that on load the voltage drops to 95 or just over. what i want is a 5kva variac. cheers, alan
> ----- Original Message -----
> From: Roger Basford
> To: T-368_BC-610@yahoogroups.com
> Sent: Saturday, August 28, 2010 4:03 PM
> Subject: [T-368_BC-610] Re: rf
>
>
>
> Hi Alan,
>

> Modern electronics aren't WS-53 or BC-610 proof, I'm afraid! I now have one of these new-fangled TVs with built in Internet, etc, Lord knows what will happen next time I fire up The Beast! No TX antenna at the moment so can't experiment.
>
> Did you ever try that 117V auto-transformer you got from me? I'm not a fan of auto-transformers myself and use a yellow site transformer with the secondary centre tap removed but that only gives 110V on load of course. That ex-RAF lump was well-rated for a BC-610 I would think, if weight is anything to go by. It was used to run some American IFF gear that formed part of a RAF ground radar system, so you can be sure its conservatively rated.
>
> The WS-53 sounded great this morning, as ever!
>
> 73
>
> Roger/G3VKM
>
> --- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@> wrote:
> >
> > hello guys, well, whenever i key my W/S 53 , which is the british successor to the BC610, the phone rings.
> > i was running the BC610 from our pe95 which has been modified for 220V . it was used as a standby power unit in holland. we have to use the same auto transformer which we use on the mains 230v.
> > i found that the voltage dropped to 95 , but the tx still worked with a reduced power. the bc342 however went dead and needed warm up time before coming on again .
> > we have given that idea up and i am looking for a 5kva variac. alan g4gen
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 4265. Re: rf

Yahoo group: T-368_BC-610
Date: 2010-08-28 21:00:36 UTC
From: Roger Basford
Topic: 4256  Message: 4265

Hi Alan,

OK, well looks like you have things in hand with the power, maybe a new 115V alternator attached to the PE95 motor may be the way to go?

Oh, I hadn't realised that that you had problems with the station, that's bad news and I hope it turns out to be a cable problem, that way you won't have to get the TX out of the shelter again. Certainly sounds like the BC-314 to 610 cable, any damage visible?

Brian, GW4KYT, has a FT-162 for me for mounting my BC-342 on and he has the whole Chest that it fits in (actually the Chest that the BC-312 goes in, but will be fine for the 342). Only problem now is getting it to Norfolk from Swansea!

Started work on the BC-669-C today, it's been down for months with a crystal oscillator fault but have that going now, now to look at the RX which is distorted on the higher band - hope to get it on-air for the nets during the autumn.

That BC-191 from Holland sounded great today, very strong with me of course but then he's got plenty of space for antennas at Schipol Airport!

73

Roger

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> +hello rooger, we worked that out, and decided that we might find a setting where the voltage is within the higher limit, but does not drop too low. the tx seems to work ok with a slight power reduction on about 98 V. i think however that this is not too good for the big valves.
> i am looking for a proper 110v generator. one day i will find one ! as things are, we ran it from a standard 5kva commercial generator and the transformer.
> the one we got from you is too big to fit in the pe95.
> all a bit academic though, as i still have not got any mod , the bias control does nothing, and on cw it is permanent key down.
> max thinks it is the lead from jb70 to the tx. the end at the tx plug turns through 90 deg.
> when i get round to it i will check it for shorts and continuity.
> at present the truck and pe95 are standing out in the park, so when we put it back in the shed i will have a go.

# 4266. Re: Was: JB-70A power connectors wanted/Now FT-162

Yahoo group: T-368_BC-610
Date: 2010-08-28 21:22:38 UTC
From: Roger Basford
Topic: 4236  Message: 4266

Hi Steve,

Ah, the CH-120-A would have been my choice as I could put most of the equipment in that, but there aren't that many of these things around!

I've looked through the three TMs I have on the BC-610, etc but can't see any shipping weight for the CH-121-A. I'd like to get a shipping quote but need the weight to do that, can anyone help?

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "ke5o_steve" <sgomez1@...> wrote:
>
> Congratulations Roger! I am still looking for one here stateside (have the CH-120-A already) if anyone has any leads.
> TNX,
> Steve Gomez
> ke5o
>
> --- In T-368_BC-610@yahoogroups.com, "Roger Basford" <Roger@> wrote:
> >
> > Hi All,
> >
> > Search over! Have located a base for the BC-342-N, along with the CH-121-A Chest it goes with.
> >
> > 73
> >
> > Roger/G3VKM
> >
> >
> >
> > --- In T-368_BC-610@yahoogroups.com, "Roger Basford" <Roger@> wrote:
> > >
> >
> > >
> > > Oh, does anyone have a mounting plate for a BC-312/342 receiver they'd
> > > like to sell/swap?
> > >
> > > 73
> > >
> > > Roger/G3VKM - Norfolk, England.
> > >
> >

>

# 4267. Re: Was: JB-70A power connectors wanted/Now FT-162

Yahoo group: T-368_BC-610
Date: 2010-08-29 03:01:42 UTC
From: ke5o_steve
Topic: 4236  Message: 4267

Roger,
I weighed the CH-120-A to be 95 lbs empty (and without legs). They compare in length 50.5 vs 31 inches or 61% so I get 58.3 lbs, empirically speaking.
73,
Steve

--- In T-368_BC-610@yahoogroups.com, "Roger Basford" <Roger@...> wrote:
>
> Hi Steve,
>
> Ah, the CH-120-A would have been my choice as I could put most of the equipment in that, but there aren't that many of these things around!
>
> I've looked through the three TMs I have on the BC-610, etc but can't see any shipping weight for the CH-121-A. I'd like to get a shipping quote but need the weight to do that, can anyone help?
>
> 73
>
> Roger/G3VKM
>
>
>
> --- In T-368_BC-610@yahoogroups.com, "ke5o_steve" <sgomez1@> wrote:
> >
> > Congratulations Roger! I am still looking for one here stateside (have the CH-120-A already) if anyone has any leads.
> > TNX,
> > Steve Gomez
> > ke5o
> >
> > --- In T-368_BC-610@yahoogroups.com, "Roger Basford" <Roger@> wrote:
> > >
> > > Hi All,
> > >
> > > Search over! Have located a base for the BC-342-N, along with the CH-121-A Chest it goes with.
> > >
> > > 73
> > >
> > > Roger/G3VKM
> > >
> > >
> > >
> > > --- In T-368_BC-610@yahoogroups.com, "Roger Basford" <Roger@> wrote:

> > > >
> > >
> > > >
> > > > Oh, does anyone have a mounting plate for a BC-312/342 receiver they'd
> > > > like to sell/swap?
> > > > >
> > > > 73
> > > > >
> > > > Roger/G3VKM - Norfolk, England.
> > > > >
> > >
> >
>

# 4268. Re: [T-368_BC-610] Re: Was: JB-70A power connectors wanted/Now FT-162

Yahoo group: T-368_BC-610
Date: 2010-08-29 03:35:41 UTC
From: wa5cab@cs.com
Topic: 4236  Message: 4268

Steve (and Roger),

Actually I think it'll probably be closer to 65 pounds. Both chests have the same pair of ends and both have some at least of the same hardware. I didn't look up the other two dimensions in order to covert the ends to equivalent length but if you do that, subtract the weight of hardware common to both chests, do the relative calculation and then add back the hardware weight you'd get within a vew ounces.

I did check the CH-120 and CH-121 entries (and all suffix letter variants) in SIG 5 of 12/45. No weight given.

In a message dated 8/28/2010 10:01:47 PM Central Daylight Time, sgomez1@... writes:
> Roger,
> I weighed the CH-120-A to be 95 lbs empty (and without legs). They compare
> in length 50.5 vs 31 inches or 61% so I get 58.3 lbs, empirically
> speaking.
> 73,
> Steve
>
> --- In T-368_BC-610@yahoogroups.com, "Roger Basford" <Roger@...> wrote:
> >
> >Hi Steve,
> >
> >Ah, the CH-120-A would have been my choice as I could put most of the
> equipment in that, but there aren't that many of these things around!
> >
> >I've looked through the three TMs I have on the BC-610, etc but can't see
> any shipping weight for the CH-121-A. I'd like to get a shipping quote but
> need the weight to do that, can anyone help?
> >
> >73
> >
> >Roger/G3VKM
> >
> >
> >
> >--- In T-368_BC-610@yahoogroups.com, "ke5o_steve" <sgomez1@> wrote:
> >>
> >>Congratulations Roger! I am still looking for one here stateside (have
> the CH-120-A already) if anyone has any leads.
> >>TNX,
> >>Steve Gomez

> >>ke5o
> >>
> >>--- In T-368_BC-610@yahoogroups.com, "Roger Basford" <Roger@> wrote:
> >>>
> >>>Hi All,
> >>>
> >>>Search over! Have located a base for the BC-342-N, along with the
> CH-121-A Chest it goes with.
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4269. Re: Was: JB-70A power connectors wanted/Now FT-162

Yahoo group: T-368_BC-610
Date: 2010-08-29 05:57:21 UTC
From: Roger Basford
Topic: 4236  Message: 4269

Hi Robert and Steve,

Many thanks for taking the time to check the weights for me. There is a speaker inside, plus the FT-162 but no legs, so I'll add/subtract a few pounds for those items. The couriers will mainly want to know if the chest can be moved by one man, for health and safety reasons, otherwise it gets complicated! I wondered if the weights were on the chest labels but the similar chests I have here, for the BC-669 and a teleprinter, don't show the weight.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, wa5cab@... wrote:
>
> Steve (and Roger),
>
> Actually I think it'll probably be closer to 65 pounds. Both chests have
> the same pair of ends and both have some at least of the same hardware. I
> didn't look up the other two dimensions in order to covert the ends to
> equivalent length but if you do that, subtract the weight of hardware common to
> both chests, do the relative calculation and then add back the hardware weight
> you'd get within a vew ounces.
>
> I did check the CH-120 and CH-121 entries (and all suffix letter variants)
> in SIG 5 of 12/45. No weight given.
>
> In a message dated 8/28/2010 10:01:47 PM Central Daylight Time,
> sgomez1@... writes:
> > Roger,
> > I weighed the CH-120-A to be 95 lbs empty (and without legs). They compare
> > in length 50.5 vs 31 inches or 61% so I get 58.3 lbs, empirically
> > speaking.
> > 73,
> > Steve
> >
> > --- In T-368_BC-610@yahoogroups.com, "Roger Basford" <Roger@> wrote:
> > >
> > >Hi Steve,
> > >
> > >Ah, the CH-120-A would have been my choice as I could put most of the
> > equipment in that, but there aren't that many of these things around!
> > >
> > >I've looked through the three TMs I have on the BC-610, etc but can't see
> > any shipping weight for the CH-121-A. I'd like to get a shipping quote but
> > need the weight to do that, can anyone help?

> > >
> > >73
> > >
> > >Roger/G3VKM
> > >
> > >
> > >
> > >--- In T-368_BC-610@yahoogroups.com, "ke5o_steve" <sgomez1@> wrote:
> > >>
> > >>Congratulations Roger! I am still looking for one here stateside (have
> > the CH-120-A already) if anyone has any leads.
> > >>TNX,
> > >>Steve Gomez
> > >>ke5o
> > >>
> > >>--- In T-368_BC-610@yahoogroups.com, "Roger Basford" <Roger@> wrote:
> > >>>
> > >>>Hi All,
> > >>>
> > >>>Search over! Have located a base for the BC-342-N, along with the
> > CH-121-A Chest it goes with.
> > >
>
> Robert Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
>
> [Non-text portions of this message have been removed]
>

# 4270. Re: [T-368_BC-610] Re: rf

Yahoo group: T-368_BC-610
Date: 2010-08-29 07:31:15 UTC
From: Alan Morriss
Topic: 4256  Message: 4270

hello roger, the original alternators are still around.after the war when the dutch flower industry was reviving a firm bought up loads of PE95s and replaced the stators for use to supplement the unreliable main supply for them. ours is one.
mike willenbroek bought up loads of them , removed the engines for sale to jeep owners and scrapped the alternators. he is looking for one for us.
i checked the bc 614 0ver, and only had to replace a couple of silver mica caps. it is in excellent shape.
you have a long drive to pick up the chest from wales, but it will be worth it. cheers, alan
----- Original Message -----
From: Roger Basford
To: T-368_BC-610@yahoogroups.com
Sent: Saturday, August 28, 2010 10:00 PM
Subject: [T-368_BC-610] Re: rf

Hi Alan,

OK, well looks like you have things in hand with the power, maybe a new 115V alternator attached to the PE95 motor may be the way to go?

Oh, I hadn't realised that that you had problems with the station, that's bad news and I hope it turns out to be a cable problem, that way you won't have to get the TX out of the shelter again. Certainly sounds like the BC-314 to 610 cable, any damage visible?

Brian, GW4KYT, has a FT-162 for me for mounting my BC-342 on and he has the whole Chest that it fits in (actually the Chest that the BC-312 goes in, but will be fine for the 342). Only problem now is getting it to Norfolk from Swansea!

Started work on the BC-669-C today, it's been down for months with a crystal oscillator fault but have that going now, now to look at the RX which is distorted on the higher band - hope to get it on-air for the nets during the autumn.

That BC-191 from Holland sounded great today, very strong with me of course but then he's got plenty of space for antennas at Schipol Airport!

73

Roger

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> +hello rooger, we worked that out, and decided that we might find a setting where the voltage is within the higher limit, but does not drop too low. the tx seems to work ok with a slight power reduction on about 98 V. i think however that this is not too good for the big valves.
> i am looking for a proper 110v generator. one day i will find one ! as things are, we ran it from a standard 5kva commercial generator and the transformer.

> the one we got from you is too big to fit in the pe95.
> all a bit academic though, as i still have not got any mod , the bias control does nothing, and on cw it is permanent key down.
> max thinks it is the lead from jb70 to the tx. the end at the tx plug turns through 90 deg.
> when i get round to it i will check it for shorts and continuity.
> at present the truck and pe95 are standing out in the park, so when we put it back in the shed i will have a go.

[Non-text portions of this message have been removed]

# 4271. Re: [T-368_BC-610] Re: Was: JB-70A power connectors wanted/Now FT-162

Yahoo group: T-368_BC-610
Date: 2010-08-29 14:58:50 UTC
From: wa5cab@cs.com
Topic: 4236  Message: 4271

Roger,

OK. The WW-II LS-3's weigh on average 10.5 pounds. The FT-162 3.9 pounds.

In a message dated 8/29/2010 12:57:32 AM Central Daylight Time,
Roger@... writes:
> Hi Robert and Steve,
>
> Many thanks for taking the time to check the weights for me. There is a
> speaker inside, plus the FT-162 but no legs, so I'll add/subtract a few
> pounds for those items. The couriers will mainly want to know if the chest can
> be moved by one man, for health and safety reasons, otherwise it gets
> complicated! I wondered if the weights were on the chest labels but the similar
> chests I have here, for the BC-669 and a teleprinter, don't show the weight.
>
>
> 73
>
> Roger/G3VKM
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4272. Re: Was: JB-70A power connectors wanted/Now FT-162

Yahoo group: T-368_BC-610
Date: 2010-08-29 17:21:54 UTC
From: Roger Basford
Topic: 4236  Message: 4272

Thanks Robert, looks like it might just be moveable by courier, a lot cheaper than 600miles worth of diesel!

73

Roger

--- In T-368_BC-610@yahoogroups.com, wa5cab@... wrote:
>
> Roger,
>
> OK. The WW-II LS-3's weigh on average 10.5 pounds. The FT-162 3.9 pounds.
>
> In a message dated 8/29/2010 12:57:32 AM Central Daylight Time,
> Roger@... writes:
> > Hi Robert and Steve,
> >
> > Many thanks for taking the time to check the weights for me. There is a
> > speaker inside, plus the FT-162 but no legs, so I'll add/subtract a few
> > pounds for those items. The couriers will mainly want to know if the chest can
> > be moved by one man, for health and safety reasons, otherwise it gets
> > complicated! I wondered if the weights were on the chest labels but the similar
> > chests I have here, for the BC-669 and a teleprinter, don't show the weight.
> >
> >
> > 73
> >
> > Roger/G3VKM
> >
>
> Robert Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
>
> [Non-text portions of this message have been removed]
>

# 4273. Efficiency of the BC610

Yahoo group: T-368_BC-610
Date: 2010-09-01 10:00:04 UTC
From: radiokid@ymail.com
Topic: 4273  Message: 4273

Hello to all!

have improved the mains power supply,primary voltage drops now only abt. 1 volt on 230 volts,secondary from abt 114 to 106 volts.(5 KW transformer to get 115 volts)
Plate current is 370 mA somewhat high at 2350 volts (idle now at 3200 volts).
Efficiency on 20m band is bad (abt. 30%), output at 250 watts.Is that normal for BC610 efficiency on 20 m band?Is the tube perhaps bad?
I have other PA-coils but output is same or rather less.
Who can give a hint?
I want to know some abt.the SC242A,about it's history in WW2.
Thanks to all for help.

73!
Peter DK6KT

# 4274. Re: Efficiency of the BC610

Yahoo group: T-368_BC-610
Date: 2010-09-01 13:16:51 UTC
From: Roger Basford
Topic: 4273  Message: 4274

Hi Peter,

"SC242A" - would that be the SCR-242-A? If so, look at BC-310 and also
http://www.signal.army.mil/ocos/museum/ScrComponents/scrPart1.asp#SCR-242

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "radiokid@..." <radiokid@...> wrote:
>
> Hello to all!
>
> have improved the mains power supply,primary voltage drops now only abt. 1 volt on 230 volts,secondary from abt 114 to 106 volts.(5 KW transformer to get 115 volts)
> Plate current is 370 mA somewhat high at 2350 volts (idle now at 3200 volts).
> Efficiency on 20m band is bad (abt. 30%), output at 250 watts.Is that normal for BC610 efficiency on 20 m band?Is the tube perhaps bad?
> I have other PA-coils but output is same or rather less.
> Who can give a hint?
> I want to know some abt.the SC242A,about it's history in WW2.
> Thanks to all for help.
>
> 73!
> Peter DK6KT
>

# 4275. VFO mods?

Yahoo group: T-368_BC-610
Date: 2010-09-01 13:18:47 UTC
From: Roger Basford
Topic: 4275  Message: 4275

Hi All,

Are there any published mods for using an external VFO with the BC-610? I have a nice ET-4336 VFO module here I'm putting into service with my BC-669-C and it would be good to use it for the '610 as well.

73

Roger/G3VKM

# 4276. Re: [T-368_BC-610] VFO mods?

Yahoo group: T-368_BC-610
Date: 2010-09-01 15:40:06 UTC
From: wa5cab@cs.com
Topic: 4275  Message: 4276

Yes. And "official" at that. AN/TRA-7 was built (apparently, from TM dates) just slightly post-war for use with AN/MRC-2. And was carried over to the early AN/GRC-26 models. Frequency Shift Exciter O-39(*)/TRA-7 supplied the transmitter excitation. Output frequency was 2-6 MC. Brief perusal of several related TM's didn't turn up output voltage. But output buffer-amp was either 6V6GT or 6AG7 (depending on O-39 model).

O-39 was connected to BC-610 through 6' of RG-63/U (125 ohm). Terminated at exciter end with appropriate coax connector. Terminated at transmitter end with what I'll describe as modified FT-171-B holder. Shield of coax goes to right-hand pin of tuning unit crystal socket (looking from front of xmtr). Center conductor through 470 uuf/500 VDC mica capacitor to left-hand pin.

Cable installation instructions didn't say how the cable gets inside the 610 (i.e., xmtr mod instructions, if any, not mentioned). I would guess a grometted hole in right side of transmitter, hole large enough for coax plug.

In a message dated 9/1/2010 8:21:14 AM Central Daylight Time,
Roger@... writes:
> Hi All,
>
> Are there any published mods for using an external VFO with the BC-610? I
> have a nice ET-4336 VFO module here I'm putting into service with my
> BC-669-C and it would be good to use it for the '610 as well.
>
> 73
>
> Roger/G3VKM
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4277. Addenda Re: [T-368_BC-610] VFO mods?

Yahoo group: T-368_BC-610
Date: 2010-09-01 15:42:11 UTC
From: wa5cab@cs.com
Topic: 4277  Message: 4277

Cable assembly O-39 to BC-610 was CG-389/U.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4278. Re: Efficiency of the BC610

Yahoo group: T-368_BC-610
Date: 2010-09-01 17:25:41 UTC
From: radiokid@ymail.com
Topic: 4273  Message: 4278

Hello Roger!

SC242A is on the back of the BC610E marked,I think it means "Signal Corps 242A".I would like to retrace its way in Europe during WW2 and
later.
73!
Peter DK6KT

--- In T-368_BC-610@yahoogroups.com, "Roger Basford" <Roger@...> wrote:
>
> Hi Peter,
>
> "SC242A" - would that be the SCR-242-A? If so, look at BC-310 and also http://www.signal.army.mil/ocos/museum/ScrComponents/scrPart1.asp#SCR-242
>
> 73
>
> Roger/G3VKM
>
>
>
> --- In T-368_BC-610@yahoogroups.com, "radiokid@" <radiokid@> wrote:
> >
> > Hello to all!
> >
> > have improved the mains power supply,primary voltage drops now only abt. 1 volt on 230 volts,secondary from abt 114 to 106 volts.(5 KW transformer to get 115 volts)
> > Plate current is 370 mA somewhat high at 2350 volts (idle now at 3200 volts).
> > Efficiency on 20m band is bad (abt. 30%), output at 250 watts.Is that normal for BC610 efficiency on 20 m band?Is the tube perhaps bad?
> > I have other PA-coils but output is same or rather less.
> > Who can give a hint?
> > I want to know some abt.the SC242A,about it's history in WW2.
> > Thanks to all for help.
> >
> > 73!
> > Peter DK6KT
> >
>

# 4279. Sample of an external speech amp circuit for a T3

Yahoo group: T-368_BC-610
Date: 2010-09-01 18:16:17 UTC
From: aa9il@sbcglobal.net
Topic: 4277  Message: 4279

Hi all
I would like to try an external speech amp for my T368 - any good
circuit recommendations and modification stories?  I would suspect
I would use one of the unused control holes on the front to get the audio in.
73 de Mike
AA9IL

[Non-text portions of this message have been removed]

# 4280. Re: [T-368_BC-610] VFO mods?

Yahoo group: T-368_BC-610
Date: 2010-09-01 18:21:20 UTC
From: Edward Butorajac
Topic: 4275  Message: 4280

Roger,

Back in the 16960's I did such a mod. Take an old metal shell tube, remove the base. Break open the internal glass envelope, cleaning it out real well. Drill a hole in the top of the metal shell big enough to mount a BNC connector. Connect a 47pF silver mica capacitor between the center of the BNC and the plate pin of the BC610's oscillator socket plate pin. Lastly, in the BC-610 you will need to wire the oscillator tube socket cathode pin to ground. Oh yes, I almost forgot: Connect the shell of the BNC connector to the cathode pin of the adaptor's cathode pin. If you do not want to have cables running out of theBC-610, mount a connector of your choice on the right side wall in a convenient location. Run the cable from the inside and terminate it in a BNC Male connector for connection to the top of your new adaptor.

I used several different oscillators (VFO's) with my BC-610 and they all worked well.

Good Luck,

Ed, KM4QQ

Roger Basford wrote:
>
> Hi All,
>
> Are there any published mods for using an external VFO with the
> BC-610? I have a nice ET-4336 VFO module here I'm putting into service
> with my BC-669-C and it would be good to use it for the '610 as well.
>
> 73
>
> Roger/G3VKM
>
>

# 4281. Re: [T-368_BC-610] Sample of an external speech amp circuit for a T3

Yahoo group: T-368_BC-610
Date: 2010-09-01 19:12:27 UTC
From: mac
Topic: 4277  Message: 4281

Not sure why one would want to do that, but audio could also be
brought in via J12 on the (lower) rear of the cabinet.

Dennis D. W7QHO
Glendale, CA

On Sep 1, 2010, at 11:16 AM, aa9il@... wrote:

> Hi all
> I would like to try an external speech amp for my T368 - any good
> circuit recommendations and modification stories? I would suspect
> I would use one of the unused control holes on the front to get the
> audio in.
> 73 de Mike
> AA9IL
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

# 4282. Re: Efficiency of the BC610

Yahoo group: T-368_BC-610
Date: 2010-09-01 20:40:38 UTC
From: Roger Basford
Topic: 4273  Message: 4282

OK Peter,

That might be some kind of unit marking, maybe? I remember someone on this group saying that a lot of SCR-299s or 399s were left in Germany by the US military when they pulled out, as a sort of reserve equipment pool.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "radiokid@..." <radiokid@...> wrote:
>
> Hello Roger!
>
> SC242A is on the back of the BC610E marked,I think it means "Signal Corps 242A".I would like to retrace its way in Europe during WW2 and
> later.
> 73!
> Peter DK6KT
>
> --- In T-368_BC-610@yahoogroups.com, "Roger Basford" <Roger@> wrote:
> >
> > Hi Peter,
> >
> > "SC242A" - would that be the SCR-242-A? If so, look at BC-310 and also http://www.signal.army.mil/ocos/museum/ScrComponents/scrPart1.asp#SCR-242
> >
> > 73
> >
> > Roger/G3VKM
> >
> >
> >
> > --- In T-368_BC-610@yahoogroups.com, "radiokid@" <radiokid@> wrote:
> > >
> > > Hello to all!
> > >
> > > have improved the mains power supply,primary voltage drops now only abt. 1 volt on 230 volts,secondary from abt 114 to 106 volts.(5 KW transformer to get 115 volts)
> > > Plate current is 370 mA somewhat high at 2350 volts (idle now at 3200 volts).
> > > Efficiency on 20m band is bad (abt. 30%), output at 250 watts.Is that normal for BC610 efficiency on 20 m band?Is the tube perhaps bad?
> > > I have other PA-coils but output is same or rather less.
> > > Who can give a hint?
> > > I want to know some abt.the SC242A,about it's history in WW2.
> > > Thanks to all for help.

> > >
> > > 73!
> > > Peter DK6KT
> > >
> >
>

# 4283. Re: [T-368_BC-610] Re: Efficiency of the BC610

Yahoo group: T-368_BC-610
Date: 2010-09-01 20:48:57 UTC
From: wa5cab@cs.com
Topic: 4273  Message: 4283

If it's small print and especially if it's red-orange, it's more likely a
QA Inspector stamp. The one I use is

SC
3585
A

In a message dated 9/1/2010 3:40:51 PM Central Daylight Time,
Roger@... writes:
> OK Peter,
>
> That might be some kind of unit marking, maybe? I remember someone on this
> group saying that a lot of SCR-299s or 399s were left in Germany by the US
> military when they pulled out, as a sort of reserve equipment pool.
>
> 73
>
> Roger/G3VKM
>
>
> --- In T-368_BC-610@yahoogroups.com, "radiokid@..." <radiokid@...> wrote:
> >
> >Hello Roger!
> >
> >SC242A is on the back of the BC610E marked,I think it means "Signal Corps
> 242A".I would like to retrace its way in Europe during WW2 and
> >later.
> >73!
> >Peter DK6KT
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4284. Re: VFO mods?

Yahoo group: T-368_BC-610
Date: 2010-09-01 20:35:51 UTC
From: Roger Basford
Topic: 4275  Message: 4284

Robert & Edward,

Many thanks for those mods and neither could be called invasive to the radio, which is good news. I already have an FT-171 xtal holder modified with a BNC socket, so it's just a question of checking which way around its wired. I will give both methods a try and see what works best for me.

Edward, I presume that earthing the cathode pin on the oscillator tube socket could be done with a link on the modified tube base you use to connect the VFO input? Probably a lot easier than going under the RF deck to modify the tube socket?

Thanks again!

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, Edward Butorajac <km4qq@...> wrote:
>
> Roger,
>
> Back in the 16960's I did such a mod. Take an old metal shell tube,
> remove the base. Break open the internal glass envelope, cleaning it out
> real well. Drill a hole in the top of the metal shell big enough to
> mount a BNC connector. Connect a 47pF silver mica capacitor between the
> center of the BNC and the plate pin of the BC610's oscillator socket
> plate pin. Lastly, in the BC-610 you will need to wire the oscillator
> tube socket cathode pin to ground. Oh yes, I almost forgot: Connect the
> shell of the BNC connector to the cathode pin of the adaptor's cathode
> pin. If you do not want to have cables running out of theBC-610, mount a
> connector of your choice on the right side wall in a convenient
> location. Run the cable from the inside and terminate it in a BNC Male
> connector for connection to the top of your new adaptor.
>
> I used several different oscillators (VFO's) with my BC-610 and they all
> worked well.
>
> Good Luck,
>
> Ed, KM4QQ
>
> Roger Basford wrote:
> >
> > Hi All,
> >
> > Are there any published mods for using an external VFO with the
> > BC-610? I have a nice ET-4336 VFO module here I'm putting into service
> > with my BC-669-C and it would be good to use it for the '610 as well.

> >
> > 73
> >
> > Roger/G3VKM
> >
> >
>

# 4285. Re: [T-368_BC-610] Re: VFO mods?

Yahoo group: T-368_BC-610
Date: 2010-09-01 22:33:52 UTC
From: Edward Butorajac
Topic: 4275  Message: 4285

Roger,

Yes, grounding the cathode pin in any manner will work. When I did it, I had the transmitter all torn down, and I put a jumper wire to the chassis underneath the chassis. I did not plan to ever go back and take the mod out. I can see where what you are proposing would work just fine. The reason for doing this is that there is an RF choke in the cathode lead which would cause a problem with proper operation if not bypassed. It is advisable to keep that jumper as direct and short as possible. I converted the BC-610 to a double-sideband suppressed carrier rig! I changed the final amp to 4 each 813's, removed the 250th and a bunch of other circuit changes. Ran about 1600 Watts on DSB. I sold the unit in Germany before I returned to the States after my first 3-year military tour there in 1968. If I ever get my hands on another 610, I will do me up another 610, better than the last one I did!

Later,
Ed, KM4QQ

==========

Roger Basford wrote:
>
> Robert & Edward,
>
> Many thanks for those mods and neither could be called invasive to the
> radio, which is good news. I already have an FT-171 xtal holder
> modified with a BNC socket, so it's just a question of checking which
> way around its wired. I will give both methods a try and see what
> works best for me.
>
> Edward, I presume that earthing the cathode pin on the oscillator tube
> socket could be done with a link on the modified tube base you use to
> connect the VFO input? Probably a lot easier than going under the RF
> deck to modify the tube socket?
>
> Thanks again!
>
> Roger/G3VKM
>
> --- In T-368_BC-610@yahoogroups.com
> <mailto:T-368_BC-610%40yahoogroups.com>, Edward Butorajac <km4qq@...>
> wrote:
> >
> > Roger,
> >

> > Back in the 16960's I did such a mod. Take an old metal shell tube,
> > remove the base. Break open the internal glass envelope, cleaning it
> out
> > real well. Drill a hole in the top of the metal shell big enough to
> > mount a BNC connector. Connect a 47pF silver mica capacitor between the
> > center of the BNC and the plate pin of the BC610's oscillator socket
> > plate pin. Lastly, in the BC-610 you will need to wire the oscillator
> > tube socket cathode pin to ground. Oh yes, I almost forgot: Connect the
> > shell of the BNC connector to the cathode pin of the adaptor's cathode
> > pin. If you do not want to have cables running out of theBC-610,
> mount a
> > connector of your choice on the right side wall in a convenient
> > location. Run the cable from the inside and terminate it in a BNC Male
> > connector for connection to the top of your new adaptor.
> >
> > I used several different oscillators (VFO's) with my BC-610 and they
> all
> > worked well.
> >
> > Good Luck,
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> > Ed, KM4QQ
> >
> > Roger Basford wrote:
> > >
> > > Hi All,
> > >
> > > Are there any published mods for using an external VFO with the
> > > BC-610? I have a nice ET-4336 VFO module here I'm putting into
> service
> > > with my BC-669-C and it would be good to use it for the '610 as well.
> > >
> > > 73
> > >
> > > Roger/G3VKM
> > >
> > >
> > >
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>

# 4286. Re: [T-368_BC-610] Re: VFO mods?

Yahoo group: T-368_BC-610
Date: 2010-09-02 03:27:15 UTC
From: Larry Godek
Topic: 4275  Message: 4286

In the late 40's 1947 or 48 there was a setup using the BC-221 freq meter with an additional buffer amp between it and the 610 tuning unit input.  Purportedly it worked well.

Larry
W0OGH

--- On Wed, 9/1/10, Roger Basford <Roger@...> wrote:

From: Roger Basford <Roger@....uk>
Subject: [T-368_BC-610] Re: VFO mods?
To: T-368_BC-610@yahoogroups.com
Date: Wednesday, September 1, 2010, 1:35 PM

Robert & Edward,

Many thanks for those mods and neither could be called invasive to the radio, which is good news. I already have an FT-171 xtal holder modified with a BNC socket, so it's just a question of checking which way around its wired. I will give both methods a try and see what works best for me.

Edward, I presume that earthing the cathode pin on the oscillator tube socket could be done with a link on the modified tube base you use to connect the VFO input? Probably a lot easier than going under the RF deck to modify the tube socket?

Thanks again!

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, Edward Butorajac <km4qq@...> wrote:

>

> Roger,

>

> Back in the 16960's I did such a mod. Take an old metal shell tube,

> remove the base. Break open the internal glass envelope, cleaning it out

> real well. Drill a hole in the top of the metal shell big enough to

> mount a BNC connector. Connect a 47pF silver mica capacitor between the

> center of the BNC and the plate pin of the BC610's oscillator socket

> plate pin. Lastly, in the BC-610 you will need to wire the oscillator

> tube socket cathode pin to ground. Oh yes, I almost forgot: Connect the

> shell of the BNC connector to the cathode pin of the adaptor's cathode
> pin. If you do not want to have cables running out of theBC-610, mount a
> connector of your choice on the right side wall in a convenient
> location. Run the cable from the inside and terminate it in a BNC Male
> connector for connection to the top of your new adaptor.
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> Roger Basford wrote:
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> > BC-610? I have a nice ET-4336 VFO module here I'm putting into service
> > with my BC-669-C and it would be good to use it for the '610 as well.
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> > 73
> >
> > Roger/G3VKM
> >
> >
>
[Non-text portions of this message have been removed]

# 4287. Re: [T-368_BC-610] Re: Efficiency of the BC610

Yahoo group: T-368_BC-610
Date: 2010-09-02 03:30:03 UTC
From: Larry Godek
Topic: 4273  Message: 4287

I didn't relate that marking to be related to any group or equipment.  it sounds to me more like some sort of acceptance marking from either the assembly line or some military inspector.  Surprised Robert D. hasn't weighed in on this.  Or someone else for that matter.

Is it in orange paint, white paint or what?

Larry
W0OGH

--- On Wed, 9/1/10, Roger Basford <Roger@...> wrote:

From: Roger Basford <Roger@...>
Subject: [T-368_BC-610] Re: Efficiency of the BC610
To: T-368_BC-610@yahoogroups.com
Date: Wednesday, September 1, 2010, 1:40 PM

OK Peter,

That might be some kind of unit marking, maybe? I remember someone on this group saying that a lot of SCR-299s or 399s were left in Germany by the US military when they pulled out, as a sort of reserve equipment pool.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "radiokid@..." <radiokid@...> wrote:

>

> Hello Roger!

>

> SC242A is on the back of the BC610E marked,I think it means "Signal Corps 242A".I would like to retrace its way in Europe during WW2 and

> later.

> 73!

> Peter DK6KT

>

> --- In T-368_BC-610@yahoogroups.com, "Roger Basford" <Roger@> wrote:

> >

> > Hi Peter,

> >

> > "SC242A" - would that be the SCR-242-A? If so, look at BC-310 and also http://www.signal.army.mil/ocos/museum/ScrComponents/scrPart1.asp#SCR-242

> >

> > 73

> >

> > Roger/G3VKM

> >

> >

> >

> > --- In T-368_BC-610@yahoogroups.com, "radiokid@" <radiokid@> wrote:

> > >

> > > Hello to all!

> > >

> > > have improved the mains power supply,primary voltage drops now only abt. 1 volt on 230 volts,secondary from abt 114 to 106 volts.(5 KW transformer to get 115 volts)

> > > Plate current is 370 mA somewhat high at 2350 volts (idle now at 3200 volts).

> > > Efficiency on 20m band is bad (abt. 30%), output at 250 watts.Is that normal for BC610 efficiency on 20 m band?Is the tube perhaps bad?

> > > I have other PA-coils but output is same or rather less.

> > > Who can give a hint?

> > > I want to know some abt.the SC242A,about it's history in WW2.

> > > Thanks to all for help.

> > >

> > > 73!

> > > Peter DK6KT

> > >

> > >

> >

[Non-text portions of this message have been removed]

# 4288. Re: [T-368_BC-610] Re: Efficiency of the BC610

Yahoo group: T-368_BC-610
Date: 2010-09-02 03:33:03 UTC
From: Larry Godek
Topic: 4273  Message: 4288

And the very next message i read after responding to this one was from Robert D with exactly the information i was expecting to hear from.  I am a bit to quick on the keys this evening i think.

Larry
W0OGH

--- On Wed, 9/1/10, Larry Godek <tel1grapher@...> wrote:

From: Larry Godek <tel1grapher@...>
Subject: Re: [T-368_BC-610] Re: Efficiency of the BC610
To: T-368_BC-610@yahoogroups.com
Date: Wednesday, September 1, 2010, 8:30 PM

I didn't relate that marking to be related to any group or equipment.  it sounds to me more like some sort of acceptance marking from either the assembly line or some military inspector.  Surprised Robert D. hasn't weighed in on this.  Or someone else for that matter.

Is it in orange paint, white paint or what?

Larry

W0OGH

--- On Wed, 9/1/10, Roger Basford <Roger@new-gate.co.uk> wrote:

From: Roger Basford <Roger@...>

Subject: [T-368_BC-610] Re: Efficiency of the BC610

To: T-368_BC-610@yahoogroups.com

Date: Wednesday, September 1, 2010, 1:40 PM

OK Peter,

That might be some kind of unit marking, maybe? I remember someone on this group saying that a lot of SCR-299s or 399s were left in Germany by the US military when they pulled out, as a sort of reserve equipment pool.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "radiokid@..." <radiokid@...> wrote:

>

> Hello Roger!

>

> SC242A is on the back of the BC610E marked,I think it means "Signal Corps 242A".I would like to retrace its way in Europe during WW2 and

> later.

> 73!

> Peter DK6KT

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> --- In T-368_BC-610@yahoogroups.com, "Roger Basford" <Roger@> wrote:

> >

> > Hi Peter,

> >

> > "SC242A" - would that be the SCR-242-A? If so, look at BC-310 and also http://www.signal.army.mil/ocos/museum/ScrComponents/scrPart1.asp#SCR-242

> >

> > 73

> >

> > Roger/G3VKM

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> >

> >

> > --- In T-368_BC-610@yahoogroups.com, "radiokid@" <radiokid@> wrote:

> > >

> > > Hello to all!

> > >

> > > have improved the mains power supply,primary voltage drops now only abt. 1 volt on 230 volts,secondary from abt 114 to 106 volts.(5 KW transformer to get 115 volts)

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> > > Who can give a hint?

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> > > Thanks to all for help.

> > >

> > > 73!

> > > Peter DK6KT

> > >

> >

>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4289. Re: [T-368_BC-610] Re: Efficiency of the BC610

Yahoo group: T-368_BC-610
Date: 2010-09-02 04:19:38 UTC
From: wa5cab@cs.com
Topic: 4273  Message: 4289

Well, I waited a while thinking someone else would probably make the same
or a similar comment.

I will add that in the Mine Force (underwater explosive ordnance), records
of who was formerly issued a particular QA stamp weren't kept very long.
Maybe 3 years. I would have to guess that the same was probably true in
other Commands. And the stamps themselves were often locally procurred. So the
odds of ever turning up lists of stamp assignments are probably slim to
none.

In a message dated 9/1/2010 10:33:07 PM Central Daylight Time,
tel1grapher@... writes:
> And the very next message i read after responding to this one was from
> Robert D with exactly the information i was expecting to hear from. I am a
> bit to quick on the keys this evening i think.
>
> Larry
> W0OGH
>
> --- On Wed, 9/1/10, Larry Godek <tel1grapher@...> wrote:
>
> From: Larry Godek <tel1grapher@...>
> Subject: Re: [T-368_BC-610] Re: Efficiency of the BC610
> To: T-368_BC-610@yahoogroups.com
> Date: Wednesday, September 1, 2010, 8:30 PM
>
>
> I didn't relate that marking to be related to any group or
> equipment. it sounds to me more like some sort of acceptance marking from either
> the assembly line or some military inspector. Surprised Robert D. hasn't
> weighed in on this. Or someone else for that matter.
>
> Is it in orange paint, white paint or what?
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4290. Re: VFO mods?

Yahoo group: T-368_BC-610
Date: 2010-09-02 05:23:47 UTC
From: Roger Basford
Topic: 4275  Message: 4290

Was that in QST, Larry?

Roger

--- In T-368_BC-610@yahoogroups.com, Larry Godek <tel1grapher@...> wrote:
>
> In the late 40's 1947 or 48 there was a setup using the BC-221 freq meter with an additional buffer amp between it and the 610 tuning unit input.Â  Purportedly it worked well.
>
> Larry
> W0OGH
>
>
> --- On Wed, 9/1/10, Roger Basford <Roger@...> wrote:
>
> From: Roger Basford <Roger@...>
> Subject: [T-368_BC-610] Re: VFO mods?
> To: T-368_BC-610@yahoogroups.com
> Date: Wednesday, September 1, 2010, 1:35 PM
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> Robert & Edward,
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>
> Many thanks for those mods and neither could be called invasive to the radio, which is good news. I already have an FT-171 xtal holder modified with a BNC socket, so it's just a question of checking which way around its wired. I will give both methods a try and see what works best for me.

>
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>
> Edward, I presume that earthing the cathode pin on the oscillator tube socket could be done with a link on the modified tube base you use to connect the VFO input? Probably a lot easier than going under the RF deck to modify the tube socket?
>
>
>
> Thanks again!
>
>
>
> Roger/G3VKM
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>
> --- In T-368_BC-610@yahoogroups.com, Edward Butorajac <km4qq@> wrote:
>
> >
>
> > Roger,
>
> >
>
> > Back in the 16960's I did such a mod. Take an old metal shell tube,
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> > remove the base. Break open the internal glass envelope, cleaning it out
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> > real well. Drill a hole in the top of the metal shell big enough to
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> > mount a BNC connector. Connect a 47pF silver mica capacitor between the
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> > center of the BNC and the plate pin of the BC610's oscillator socket
>
> > plate pin. Lastly, in the BC-610 you will need to wire the oscillator
>
> > tube socket cathode pin to ground. Oh yes, I almost forgot: Connect the
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> > shell of the BNC connector to the cathode pin of the adaptor's cathode
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> > pin. If you do not want to have cables running out of theBC-610, mount a
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> > connector of your choice on the right side wall in a convenient
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> > location. Run the cable from the inside and terminate it in a BNC Male
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> > connector for connection to the top of your new adaptor.
>
> >

>
> > I used several different oscillators (VFO's) with my BC-610 and they all
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>
> >
>
> > Good Luck,
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>
> > Ed, KM4QQ
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>
> > Roger Basford wrote:
>
> > >
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> > > Hi All,
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> > >
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> > > Are there any published mods for using an external VFO with the
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> > > 73
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> > > Roger/G3VKM
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> [Non-text portions of this message have been removed]
>

# 4291. Re: VFO mods?

Yahoo group: T-368_BC-610
Date: 2010-09-02 05:26:10 UTC
From: Roger Basford
Topic: 4275  Message: 4291

Hi Ed,

OK, that will be easy to try out; I didn't want to make any under-chassis mods that will have to be removed if I want to return to spec at some time.

73

Roger

--- In T-368_BC-610@yahoogroups.com, Edward Butorajac <km4qq@...> wrote:
>
> Roger,
>
> Yes, grounding the cathode pin in any manner will work. When I did it, I
> had the transmitter all torn down, and I put a jumper wire to the
> chassis underneath the chassis. I did not plan to ever go back and take
> the mod out. I can see where what you are proposing would work just
> fine. The reason for doing this is that there is an RF choke in the
> cathode lead which would cause a problem with proper operation if not
> bypassed. It is advisable to keep that jumper as direct and short as
> possible. I converted the BC-610 to a double-sideband suppressed carrier
> rig! I changed the final amp to 4 each 813's, removed the 250th and a
> bunch of other circuit changes. Ran about 1600 Watts on DSB. I sold the
> unit in Germany before I returned to the States after my first 3-year
> military tour there in 1968. If I ever get my hands on another 610, I
> will do me up another 610, better than the last one I did!
>
> Later,
> Ed, KM4QQ
>
> ==========
>
> Roger Basford wrote:
> >
> > Robert & Edward,
> >
> > Many thanks for those mods and neither could be called invasive to the
> > radio, which is good news. I already have an FT-171 xtal holder
> > modified with a BNC socket, so it's just a question of checking which
> > way around its wired. I will give both methods a try and see what
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> > Edward, I presume that earthing the cathode pin on the oscillator tube
> > socket could be done with a link on the modified tube base you use to
> > connect the VFO input? Probably a lot easier than going under the RF
> > deck to modify the tube socket?

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> > Thanks again!
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> > Roger/G3VKM
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> > --- In T-368_BC-610@yahoogroups.com
> > <mailto:T-368_BC-610%40yahoogroups.com>, Edward Butorajac <km4qq@>
> > wrote:
> > >
> > > Roger,
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> > > Back in the 16960's I did such a mod. Take an old metal shell tube,
> > > remove the base. Break open the internal glass envelope, cleaning it
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> > > real well. Drill a hole in the top of the metal shell big enough to
> > > mount a BNC connector. Connect a 47pF silver mica capacitor between the
> > > center of the BNC and the plate pin of the BC610's oscillator socket
> > > plate pin. Lastly, in the BC-610 you will need to wire the oscillator
> > > tube socket cathode pin to ground. Oh yes, I almost forgot: Connect the
> > > shell of the BNC connector to the cathode pin of the adaptor's cathode
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> > > connector of your choice on the right side wall in a convenient
> > > location. Run the cable from the inside and terminate it in a BNC Male
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> > > I used several different oscillators (VFO's) with my BC-610 and they
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> > > Good Luck,
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> > > Roger Basford wrote:
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> > > > Hi All,
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> > > > Are there any published mods for using an external VFO with the
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> > > >
> > > > 73
> > > >
> > > > Roger/G3VKM
> > > >
> > > >
> > > >
> > >
> >

> >
>

# 4292. Re: [T-368_BC-610] Re: VFO mods?

Yahoo group: T-368_BC-610
Date: 2010-09-02 07:23:17 UTC
From: Alan Morriss
Topic: 4275  Message: 4292

hello guys, now that sounds really promising. i use my bc221 with the bc 610 with the standard vfo units.i work 80 metres cw with it and it raises no complaints.
does anyone have the details ? alan g4gen
----- Original Message -----
From: Larry Godek
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, September 02, 2010 4:27 AM
Subject: Re: [T-368_BC-610] Re: VFO mods?

In the late 40's 1947 or 48 there was a setup using the BC-221 freq meter with an additional buffer amp between it and the 610 tuning unit input. Purportedly it worked well.

Larry
W0OGH

--- On Wed, 9/1/10, Roger Basford <Roger@...> wrote:

From: Roger Basford <Roger@...>
Subject: [T-368_BC-610] Re: VFO mods?
To: T-368_BC-610@yahoogroups.com
Date: Wednesday, September 1, 2010, 1:35 PM

Robert & Edward,

Many thanks for those mods and neither could be called invasive to the radio, which is good news. I already have an FT-171 xtal holder modified with a BNC socket, so it's just a question of checking which way around its wired. I will give both methods a try and see what works best for me.

Edward, I presume that earthing the cathode pin on the oscillator tube socket could be done with a link on the modified tube base you use to connect the VFO input? Probably a lot easier than going under the RF deck to modify the tube socket?

Thanks again!

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, Edward Butorajac <km4qq@...> wrote:

>

> Roger,

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> remove the base. Break open the internal glass envelope, cleaning it out

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> plate pin. Lastly, in the BC-610 you will need to wire the oscillator
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> shell of the BNC connector to the cathode pin of the adaptor's cathode
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> connector of your choice on the right side wall in a convenient
> location. Run the cable from the inside and terminate it in a BNC Male
> connector for connection to the top of your new adaptor.
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> I used several different oscillators (VFO's) with my BC-610 and they all
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> Good Luck,
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> Roger Basford wrote:
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> > with my BC-669-C and it would be good to use it for the '610 as well.
> >
> > 73
> >
> > Roger/G3VKM

> >

> >

>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4293. Re: [T-368_BC-610] Re: VFO mods?

Yahoo group: T-368_BC-610
Date: 2010-09-02 07:25:53 UTC
From: Alan Morriss
Topic: 4275  Message: 4293

just one thing. how is the vfo to be muted on receive ? alan
----- Original Message -----
From: Roger Basford
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, September 02, 2010 6:26 AM
Subject: [T-368_BC-610] Re: VFO mods?

Hi Ed,

OK, that will be easy to try out; I didn't want to make any under-chassis mods that will have to be removed if I want to return to spec at some time.

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Roger

--- In T-368_BC-610@yahoogroups.com, Edward Butorajac <km4qq@...> wrote:
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> Roger,
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> Yes, grounding the cathode pin in any manner will work. When I did it, I
> had the transmitter all torn down, and I put a jumper wire to the
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> Later,
> Ed, KM4QQ
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> ==========
>
> Roger Basford wrote:
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> > Robert & Edward,
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> >
> > Thanks again!
> >
> > Roger/G3VKM
> >
> > --- In T-368_BC-610@yahoogroups.com
> > <mailto:T-368_BC-610%40yahoogroups.com>, Edward Butorajac <km4qq@>
> > wrote:
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> > > plate pin. Lastly, in the BC-610 you will need to wire the oscillator
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> > > location. Run the cable from the inside and terminate it in a BNC Male
> > > connector for connection to the top of your new adaptor.
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> > > > with my BC-669-C and it would be good to use it for the '610 as well.
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> > > >
> > > > Roger/G3VKM
> > > >
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>

[Non-text portions of this message have been removed]

# 4294. Re: [T-368_BC-610] Re: VFO mods?

Yahoo group: T-368_BC-610
Date: 2010-09-02 10:28:58 UTC
From: Edward Butorajac
Topic: 4275  Message: 4294

Alan,

The VFOs I used with my BC-610 had the capability of being keyed. If one is used that isn't keyable (The BC-221) comes to mind) It has a switch that allows it to be placed in standby. Those switch positions can be accessed and a small relay used that is switched by the station change-over relay system.

-73- Ed, KM4QQ

Alan Morriss wrote:
>
> just one thing. how is the vfo to be muted on receive ? alan
> ----- Original Message -----
> From: Roger Basford
> To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> Sent: Thursday, September 02, 2010 6:26 AM
> Subject: [T-368_BC-610] Re: VFO mods?
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> Hi Ed,
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> under-chassis mods that will have to be removed if I want to return to
> spec at some time.
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> 73
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> > > >
> > >
> >
> [Non-text portions of this message have been removed]
>
>

# 4295. Re: VFO mods?

Yahoo group: T-368_BC-610
Date: 2010-09-02 12:37:18 UTC
From: aar2en
Topic: 4275  Message: 4295

From the ARRL - BC-221 articles - A to Z
Seth KC2WE

1946 August QST p. 34
Frequency Meters as Master Oscillators
(BC-221)

1947 March QST p. 43
The BC-221 Frequency Meter as a VFO

1947 April CQ p. 30
Compact Power Supply for the BC 221

1948 January CQ p. 28
Various Models of the BC-221

1948 May QST p. 68
Adding Tone Modulation to the BC 221
Frequency Meter (Hints and Kinks)

1948 October CQ p. 36
Null indicator for the BC 221

1949 May QST p. 32
The Additive Frequency Meter

1949 August CQ p. 14
Tone Modulating the BC-221

1950 January QST p. 46
Using the BC 221 Frequency Meter at VHF
(Hints and Kinks)

1950 February QST p. 18
Your BC-221 as an Audio Signal Generator
(1 page)

1950 March QST p. 40
Calibrating a BC 221 Frequency Meter

1950 May QST p. 66
Null Indicator for the BC-221 (H&K)

1950 December CQ p. 28
BC-221 AC Power Supply and Calibration

1951 February CQ p. 6
BC-221 AC Power Supply and Calibration

(Letters column)

1952 December CQ p. 16
Crystal Calibration with a BC-221

1953 July QST p. 48
Reducing BC-221-A Frequency Meter output
(Hints and Kinks)

1953 August QST p. 38
Adding a Bandspread Range to the BC-221
Frequency Meter

1956 January QST p. 40
Interpolation Frequency Measurements
with the BC-221

1958 March QST p. 59
BC-221 as a Carrier Injection Generator
for SSB (H&K)

1959 April CQ p. 79
Full wave Power Supply for the BC-221
(Surplus column)

1962 August CQ p. 52
Notes on the BC-221

1964 June CQ p. 68
More on the BC-221 Frequency Meter
(Ham Clinic)

1964 December QST p. 31
Extending the range of the BC 221
frequency meter

1965 April QST p. 18
Calibrating LM (and BC 221) Frequency
Meter

1965 September QST p. 28
Frequency Measurement with the LM/BC-221

1966 March QST p. 78
BC-221 Maintenance (Strays Column)

1977 February QST p. 35
Solidstate BC 221 Frequency meter

1977 April QST p. 39
Solidstate BC 221 Frequency Meter
(Feedback)

1979 December QST p. 59
More on Solid-State Conversion of
BC-221/LM Frequency Meters (H&K)

--- In T-368_BC-610@yahoogroups.com, Edward Butorajac <km4qq@...> wrote:
>
> Alan,
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> > From: Roger Basford
> > To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> > Sent: Thursday, September 02, 2010 6:26 AM
> > Subject: [T-368_BC-610] Re: VFO mods?
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> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> >

# 4296. Re: [T-368_BC-610] Re: VFO mods?

Yahoo group: T-368_BC-610
Date: 2010-09-02 13:19:41 UTC
From: Alan Morriss
Topic: 4275  Message: 4296

hello edward, that was what i thought you would have to do. mostly i used an xtal though. all i now have to do is to find the fault , probably in the connector fron jb70, and i will be on air again. i will try that bc221 idea.
alan
----- Original Message -----
From: "Edward Butorajac" <km4qq@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Thursday, September 02, 2010 11:28 AM
Subject: Re: [T-368_BC-610] Re: VFO mods?

> Alan,
>
> The VFOs I used with my BC-610 had the capability of being keyed. If one
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>> [Non-text portions of this message have been removed]
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>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 4297. Re: VFO mods?

Yahoo group: T-368_BC-610
Date: 2010-09-02 13:34:04 UTC
From: radiokid@ymail.com
Topic: 4275  Message: 4297

Hello Roger,
I plead for direct improvements of the tuning units of the BC610,it's possible with modern techniques and includes voltage- and thermal-stabilization,adding bandspreads.So the appearance would be close to original and no external "boxes" are needed.
I did so and it works great,it's a pleasure to be on the air with this old transmitter.QSO partners told me,it sounds like a modern day transmitter(CW-mode).
73
Peter DK6KT

--- In T-368_BC-610@yahoogroups.com, "Roger Basford" <Roger@...> wrote:
>
> Hi All,
>
> Are there any published mods for using an external VFO with the BC-610? I have a nice ET-4336 VFO module here I'm putting into service with my BC-669-C and it would be good to use it for the '610 as well.
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> Roger/G3VKM
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# 4298. Re: [T-368_BC-610] Re: VFO mods?

Yahoo group: T-368_BC-610
Date: 2010-09-02 14:38:34 UTC
From: mac
Topic: 4275  Message: 4298

There is an article in the 11th Edition of the Radio Handbook (1948) on a BC-221 based general purpose VFO. Essentially a BC-221 mounted on a larger chassis with a power supply and a buffer amplifier. The latter was a three stage affair, two untuned 6AG7s followed by a tuned 6L6 with link output. One hundred-fifty volts regulated on the 6AG7s and 300 on the 6L6. The article claimed that tuning the 6L6 stage to the middle of the "3.5 megacycle band" (i.e., 3.75mc) provided constant output across the band with no further adjustment.

Looks like a bit of overkill to me. Can provide circuit of the buffer amp on request.

Dennis D. W7QHO
Glendale, CA

On Sep 2, 2010, at 12:23 AM, Alan Morriss wrote:

> hello guys, now that sounds really promising. i use my bc221 with
> the bc 610 with the standard vfo units.i work 80 metres cw with it
> and it raises no complaints.
> does anyone have the details ? alan g4gen

[Non-text portions of this message have been removed]

# 4299. Re: [T-368_BC-610] Re: VFO mods?

Yahoo group: T-368_BC-610
Date: 2010-09-02 15:16:30 UTC
From: Ian Gallimore
Topic: 4275  Message: 4299

I'd be grateful for a copy of the buffer amp.
Thanks!

Ian G. VA3ODA
----- Original Message -----
From: mac
To: T-368_BC-610@yahoogroups.com ; Alan Morriss
Sent: Thursday, September 02, 2010 10:38 AM
Subject: Re: [T-368_BC-610] Re: VFO mods?

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on a BC-221 based general purpose VFO. Essentially a BC-221 mounted
on a larger chassis with a power supply and a buffer amplifier. The
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[Non-text portions of this message have been removed]

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# 4300. Re: [T-368_BC-610] Re: VFO mods?

Yahoo group: T-368_BC-610
Date: 2010-09-02 16:14:58 UTC
From: Jack Taylor
Topic: 4275  Message: 4300

Regarding using the tuning unit for a VFO, I found the manufacturer of the oscillator tube to result in varying amounts of drift. RCA 6V6's had the least drift and that the greatest amount occurred during the first 5 minutes of operation due to thermal stabilization. If a way was found to bias the oscillator tube into a non-oscillator class during receive then the tuning unit would perform as a VFO in an acceptable manner.

Jack - N7OO
----- Original Message -----
From: radiokid@...
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, September 02, 2010 6:34 AM
Subject: [T-368_BC-610] Re: VFO mods?

Hello Roger,
I plead for direct improvements of the tuning units of the BC610,it's possible with modern techniques and includes voltage- and thermal-stabilization,adding bandspreads.So the appearance would be close to original and no external "boxes" are needed.
I did so and it works great,it's a pleasure to be on the air with this old transmitter.QSO partners told me,it sounds like a modern day transmitter(CW-mode).
73
Peter DK6KT

--- In T-368_BC-610@yahoogroups.com, "Roger Basford" <Roger@...> wrote:
>
> Hi All,
>
> Are there any published mods for using an external VFO with the BC-610? I have a nice ET-4336 VFO module here I'm putting into service with my BC-669-C and it would be good to use it for the '610 as well.
>
> 73
>
> Roger/G3VKM
>

---

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.441 / Virus Database: 271.1.1/3107 - Release Date: 09/01/10 18:34:00

[Non-text portions of this message have been removed]

# 4301. Re: VFO mods?

Yahoo group: T-368_BC-610
Date: 2010-09-02 20:11:48 UTC
From: radiokid@ymail.com
Topic: 4275  Message: 4301

I found it advantageous to let the oscillator tube oscillate all the time,during receive to add by a little relay a small fixed capacitor so that its frequency is beside the receiving frequency.this results in less drift and reception is undisturbed.

Peter DK6KT

--- In T-368_BC-610@yahoogroups.com, "Jack Taylor" <jack@...> wrote:
>
> Regarding using the tuning unit for a VFO, I found the manufacturer of the oscillator tube to result in varying amounts of drift. RCA 6V6's had the least drift and that the greatest amount occurred during the first 5 minutes of operation due to thermal stabilization. If a way was found to bias the oscillator tube into a non-oscillator class during receive then the tuning unit would perform as a VFO in an acceptable manner.
>
> Jack - N7OO
> ----- Original Message -----
> From: radiokid@...
> To: T-368_BC-610@yahoogroups.com
> Sent: Thursday, September 02, 2010 6:34 AM
> Subject: [T-368_BC-610] Re: VFO mods?
>
>
>
> Hello Roger,
> I plead for direct improvements of the tuning units of the BC610,it's possible with modern techniques and includes voltage- and thermal-stabilization,adding bandspreads.So the appearance would be close to original and no external "boxes" are needed.
> I did so and it works great,it's a pleasure to be on the air with this old transmitter.QSO partners told me,it sounds like a modern day transmitter(CW-mode).
> 73
> Peter DK6KT
>
> --- In T-368_BC-610@yahoogroups.com, "Roger Basford" <Roger@> wrote:
> >
> > Hi All,
> >
> > Are there any published mods for using an external VFO with the BC-610? I have a nice ET-4336 VFO module here I'm putting into service with my BC-669-C and it would be good to use it for the '610 as well.
> >
> > 73
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> > Roger/G3VKM
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>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.441 / Virus Database: 271.1.1/3107 - Release Date: 09/01/10 18:34:00
>
>
> [Non-text portions of this message have been removed]
>

# 4302. Re: [T-368_BC-610] Re: VFO mods?

Yahoo group: T-368_BC-610
Date: 2010-09-02 20:43:35 UTC
From: Robert Heaton
Topic: 4275  Message: 4302

Did that, USAF MARS W4FFT
Worked great....wish I had it back.
73, BoB.
wb4jpz1@...

--- On Wed, 9/1/10, Larry Godek <tel1grapher@...> wrote:

From: Larry Godek <tel1grapher@...>
Subject: Re: [T-368_BC-610] Re: VFO mods?
To: T-368_BC-610@yahoogroups.com
Date: Wednesday, September 1, 2010, 11:27 PM

In the late 40's 1947 or 48 there was a setup using the BC-221 freq meter with an additional buffer amp between it and the 610 tuning unit input.  Purportedly it worked well.

Larry
W0OGH

--- On Wed, 9/1/10, Roger Basford <Roger@...> wrote:

From: Roger Basford <Roger@...>
Subject: [T-368_BC-610] Re: VFO mods?
To: T-368_BC-610@yahoogroups.com
Date: Wednesday, September 1, 2010, 1:35 PM

Robert & Edward,

Many thanks for those mods and neither could be called invasive to the radio, which is good news. I already have an FT-171 xtal holder modified with a BNC socket, so it's just a question of checking which way around its wired. I will give both methods a try and see what works best for me.

Edward, I presume that earthing the cathode pin on the oscillator tube socket could be done with a link on the modified tube base you use to connect the VFO input? Probably a lot easier than going under the RF deck to modify the tube socket?

Thanks again!

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, Edward Butorajac <km4qq@...> wrote:

>

> Roger,

>

> Back in the 16960's I did such a mod. Take an old metal shell tube,
> remove the base. Break open the internal glass envelope, cleaning it out
> real well. Drill a hole in the top of the metal shell big enough to
> mount a BNC connector. Connect a 47pF silver mica capacitor between the
> center of the BNC and the plate pin of the BC610's oscillator socket
> plate pin. Lastly, in the BC-610 you will need to wire the oscillator
> tube socket cathode pin to ground. Oh yes, I almost forgot: Connect the
> shell of the BNC connector to the cathode pin of the adaptor's cathode
> pin. If you do not want to have cables running out of theBC-610, mount a
> connector of your choice on the right side wall in a convenient
> location. Run the cable from the inside and terminate it in a BNC Male
> connector for connection to the top of your new adaptor.
>
> I used several different oscillators (VFO's) with my BC-610 and they all
> worked well.
>
> Good Luck,
>
> Ed, KM4QQ
>
> Roger Basford wrote:
> >
> > Hi All,
> >
> > Are there any published mods for using an external VFO with the
> > BC-610? I have a nice ET-4336 VFO module here I'm putting into service
> > with my BC-669-C and it would be good to use it for the '610 as well.
> >
> > 73

> >

> > Roger/G3VKM

> >

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4303. T368C for sale

Yahoo group: T-368_BC-610
Date: 2010-09-02 23:25:31 UTC
From: John Page
Topic: 4275  Message: 4303

John Page K4KWM Hollow State since 1953 (ex W8PKU,N8BLB,NA8O)

I have a very nice T-368C for sale. It came from K8TV and has all the approved mods. RF and audio. I have an extra VFO and a box of extra tube including final and mod tubes. Also a large step down transformer for 220 to 110 useage. I am in SW Ohio and it is pickup only.

Asking $1200

John

[Non-text portions of this message have been removed]

# 4304. Re: [T-368_BC-610] Re: VFO mods?

Yahoo group: T-368_BC-610
Date: 2010-09-04 18:17:02 UTC
From: Larry Godek
Topic: 4275  Message: 4304

The article that shows and describes the using of a BC-221 as a VFO for the BC-610.  I've even got a copy of it around here someplace.  What they did was build a buffer amp to follow the BC-221 which in turn then drove the XTAL socket input on the tuning unit.  1947 or 1948 was the timeframe on the article.  Coule probably do the same thing if you had an LM type freq meter.

Larry
W0OGH

--- On Wed, 9/1/10, Roger Basford <Roger@...> wrote:

From: Roger Basford <Roger@...>
Subject: [T-368_BC-610] Re: VFO mods?
To: T-368_BC-610@yahoogroups.com
Date: Wednesday, September 1, 2010, 10:23 PM

Was that in QST, Larry?

Roger

--- In T-368_BC-610@yahoogroups.com, Larry Godek <tel1grapher@...> wrote:

>

> In the late 40's 1947 or 48 there was a setup using the BC-221 freq meter with an additional buffer amp between it and the 610 tuning unit input.Â  Purportedly it worked well.

>

> Larry

> W0OGH

>

>

> --- On Wed, 9/1/10, Roger Basford <Roger@...> wrote:

>

> From: Roger Basford <Roger@...>

> Subject: [T-368_BC-610] Re: VFO mods?

> To: T-368_BC-610@yahoogroups.com

> Date: Wednesday, September 1, 2010, 1:35 PM

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> Robert & Edward,

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> Many thanks for those mods and neither could be called invasive to the radio, which is good news. I already have an FT-171 xtal holder modified with a BNC socket, so it's just a question of checking which way around its wired. I will give both methods a try and see what works best for me.

>

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>

> Edward, I presume that earthing the cathode pin on the oscillator tube socket could be done with a link on the modified tube base you use to connect the VFO input? Probably a lot easier than going under the RF deck to modify the tube socket?

>

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> Thanks again!

>

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>

> Roger/G3VKM

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> --- In T-368_BC-610@yahoogroups.com, Edward Butorajac <km4qq@> wrote:

>

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> > Roger,

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> >

>

> > Back in the 16960's I did such a mod. Take an old metal shell tube,

>

> > remove the base. Break open the internal glass envelope, cleaning it out

>

> > real well. Drill a hole in the top of the metal shell big enough to

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> > mount a BNC connector. Connect a 47pF silver mica capacitor between the

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> > center of the BNC and the plate pin of the BC610's oscillator socket

>

> > plate pin. Lastly, in the BC-610 you will need to wire the oscillator

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> > tube socket cathode pin to ground. Oh yes, I almost forgot: Connect the

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> > shell of the BNC connector to the cathode pin of the adaptor's cathode

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> > pin. If you do not want to have cables running out of theBC-610, mount a

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> > connector of your choice on the right side wall in a convenient

>

> > location. Run the cable from the inside and terminate it in a BNC Male

>

> > connector for connection to the top of your new adaptor.

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> > I used several different oscillators (VFO's) with my BC-610 and they all

>

> > worked well.

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> > Good Luck,

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> > Ed, KM4QQ

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> > Roger Basford wrote:

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>

> > > Hi All,

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> > > Are there any published mods for using an external VFO with the

>

> > > BC-610? I have a nice ET-4336 VFO module here I'm putting into service

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> > > with my BC-669-C and it would be good to use it for the '610 as well.

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> > > 73

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> > > Roger/G3VKM

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> [Non-text portions of this message have been removed]

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# 4305. Re: [T-368_BC-610] Re: VFO mods?

Yahoo group: T-368_BC-610
Date: 2010-09-04 18:25:28 UTC
From: rbethman
Topic: 4275  Message: 4305

Is there a "chance" of getting a copy of the stated article?

Will send $ if needed.

Bob - N0DGN

On 9/4/2010 2:17 PM, Larry Godek wrote:
>
> The article that shows and describes the using of a BC-221 as a VFO
> for the BC-610. I've even got a copy of it around here someplace.
> What they did was build a buffer amp to follow the BC-221 which in
> turn then drove the XTAL socket input on the tuning unit. 1947 or
> 1948 was the timeframe on the article. Coule probably do the same
> thing if you had an LM type freq meter.
>
> Larry
> W0OGH
>
> --- On Wed, 9/1/10, Roger Basford <Roger@new-gate.co.uk
> <mailto:Roger%40new-gate.co.uk>> wrote:
>
> From: Roger Basford <Roger@... <mailto:Roger%40new-gate.co.uk>>
> Subject: [T-368_BC-610] Re: VFO mods?
> To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> Date: Wednesday, September 1, 2010, 10:23 PM
>
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>
> Was that in QST, Larry?
>
> Roger
>
> --- In T-368_BC-610@yahoogroups.com
> <mailto:T-368_BC-610%40yahoogroups.com>, Larry Godek <tel1grapher@...>
> wrote:
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>
> > In the late 40's 1947 or 48 there was a setup using the BC-221 freq
> meter with an additional buffer amp between it and the 610 tuning unit
> input.Â Purportedly it worked well.
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> > Larry
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> > W0OGH
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> > --- On Wed, 9/1/10, Roger Basford <Roger@...> wrote:
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> > From: Roger Basford <Roger@...>
>
> > Subject: [T-368_BC-610] Re: VFO mods?
>
> > To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
>
> > Date: Wednesday, September 1, 2010, 1:35 PM
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> > Robert & Edward,
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> way around its wired. I will give both methods a try and see what
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> > Edward, I presume that earthing the cathode pin on the oscillator
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> use to connect the VFO input? Probably a lot easier than going under
> the RF deck to modify the tube socket?
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> > Thanks again!
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> > Roger/G3VKM
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> > --- In T-368_BC-610@yahoogroups.com

> <mailto:T-368_BC-610%40yahoogroups.com>, Edward Butorajac <km4qq@> wrote:
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> > > Roger,
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> > > Back in the 16960's I did such a mod. Take an old metal shell tube,
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> > > remove the base. Break open the internal glass envelope, cleaning
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> > > shell of the BNC connector to the cathode pin of the adaptor's
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> > > Good Luck,
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> > > Ed, KM4QQ
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> > > Roger Basford wrote:
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> > > > Hi All,
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> > > > Are there any published mods for using an external VFO with the
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> > > > BC-610? I have a nice ET-4336 VFO module here I'm putting into
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> > > > with my BC-669-C and it would be good to use it for the '610 as
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> > [Non-text portions of this message have been removed]
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+---------------------------------------------------------------------+
| AM Amateur Radio Operator NØDGN |
+---------------------------------------------------------------------+
| http://home.comcast.net/~rbethman/ |
+---------------------------------------------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| \\ ~ ~ // signal does *NOT* mean |
| rbethman@... (/ @ @ /) that everything is OK " |
+----------------------o00o---°(_)°---o00o-------------------------+

[Non-text portions of this message have been removed]

# 4306. Re: Efficiency of the BC610

Yahoo group: T-368_BC-610
Date: 2010-09-10 12:03:27 UTC
From: radiokid@ymail.com
Topic: 4273  Message: 4306

those little stamps are in orange paint in a triangle of same colour, not very durable.may be from some military inspections,seems not to come from the manufacturer.
Peter DK6KT

--- In T-368_BC-610@yahoogroups.com, wa5cab@... wrote:
>
> Well, I waited a while thinking someone else would probably make the same
> or a similar comment.
>
> I will add that in the Mine Force (underwater explosive ordnance), records
> of who was formerly issued a particular QA stamp weren't kept very long.
> Maybe 3 years. I would have to guess that the same was probably true in
> other Commands. And the stamps themselves were often locally procurred. So the
> odds of ever turning up lists of stamp assignments are probably slim to
> none.
>
> In a message dated 9/1/2010 10:33:07 PM Central Daylight Time,
> tel1grapher@... writes:
> > And the very next message i read after responding to this one was from
> > Robert D with exactly the information i was expecting to hear from. I am a
> > bit to quick on the keys this evening i think.
> >
> > Larry
> > W0OGH
> >
> > --- On Wed, 9/1/10, Larry Godek <tel1grapher@...> wrote:
> >
> > From: Larry Godek <tel1grapher@...>
> > Subject: Re: [T-368_BC-610] Re: Efficiency of the BC610
> > To: T-368_BC-610@yahoogroups.com
> > Date: Wednesday, September 1, 2010, 8:30 PM
> >
> >
> > I didn't relate that marking to be related to any group or
> > equipment. it sounds to me more like some sort of acceptance marking from either
> > the assembly line or some military inspector. Surprised Robert D. hasn't
> > weighed in on this. Or someone else for that matter.
> >
> > Is it in orange paint, white paint or what?
> >
>
> Robert & Susan Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>

>
> [Non-text portions of this message have been removed]
>

# 4307. Re: [T-368_BC-610] Re: Efficiency of the BC610

Yahoo group: T-368_BC-610
Date: 2010-09-10 15:09:25 UTC
From: wa5cab@cs.com
Topic: 4273  Message: 4307

OK. They are Signal Corps QA stamps. No particular meaning to the letters and numbers other than SC is Signal Corps. And the numbers ID'd the person the stamp was issued to at the time that the stamping was done. Could have been applied at the factory or at the Depot that had ordered the equipment (i.e., either acceptance or receipt inspection.

In a message dated 9/10/2010 7:03:40 AM Central Daylight Time, radiokid@... writes:
> those little stamps are in orange paint in a triangle of same colour, not
> very durable.may be from some military inspections,seems not to come from
> the manufacturer.
> Peter DK6KT
>
> --- In T-368_BC-610@yahoogroups.com, wa5cab@... wrote:
> >
> >Well, I waited a while thinking someone else would probably make the same
>
> >or a similar comment.
> >
> >I will add that in the Mine Force (underwater explosive ordnance),
> records
> >of who was formerly issued a particular QA stamp weren't kept very long.
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> >Maybe 3 years. I would have to guess that the same was probably true in
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> >odds of ever turning up lists of stamp assignments are probably slim to
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> >In a message dated 9/1/2010 10:33:07 PM Central Daylight Time,
> >tel1grapher@... writes:
> >>And the very next message i read after responding to this one was from
> >>Robert D with exactly the information i was expecting to hear from. I
> am a
> >>bit to quick on the keys this evening i think.
> >>
> >>Larry
> >>W0OGH

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4308. Bias transformer for BC610E

Yahoo group: T-368_BC-610
Date: 2010-09-13 14:23:28 UTC
From: radiokid@ymail.com
Topic: 4308  Message: 4308

Hello!looking since 2006 for a bias transformer for my BC610E.If somebody has one in surplus,he possibly can keep it for me until there is a chance to ship it?No urgent matter,have made a homemade replacement,which works excellent.
73 Peter DK6KT

# 4309. Re: [T-368_BC-610] Bias transformer for BC610E

Yahoo group: T-368_BC-610
Date: 2010-09-14 02:34:19 UTC
From: w5kgz@yahoo.com
Topic: 4308  Message: 4309

---
From: "radiokid@..." <radiokid@ymail.com>
To: T-368_BC-610@yahoogroups.com
Sent: Mon, September 13, 2010 9:23:28 AM
Subject: [T-368_BC-610] Bias transformer for BC610E
Hi Peter. You might be well off if you keep the sub. since the exact replacement will be old and subject to opening or shorting as the original. I have done the same as you with the exception of removing the drivers 2A3s and triod connected a pair of EL34 works beautifully....chance thecathode resister....jst thought you might be enterested in my experence. W5KGZ Perry Beaumont Tx

Hello!looking since 2006 for a bias transformer for my BC610E.If somebody has one in surplus,he possibly can keep it for me until there is a chance to ship it?No urgent matter,have made a homemade replacement,which works excellent.
73 Peter DK6KT

[Non-text portions of this message have been removed]

# 4310. Re: [T-368_BC-610] Bias transformer for BC610E

Yahoo group: T-368_BC-610
Date: 2010-09-14 07:37:42 UTC
From: Alan Morriss
Topic: 4308  Message: 4310

if you contact majestic transformers at poole, they could probably rewind it. they have done ww2 german stuff for me. at least you will be getting a reliable job. alan g4gen
----- Original Message -----
From: w5kgz@yahoo.com
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, September 14, 2010 3:34 AM
Subject: Re: [T-368_BC-610] Bias transformer for BC610E

---
From: "radiokid@..." <radiokid@...>
To: T-368_BC-610@yahoogroups.com
Sent: Mon, September 13, 2010 9:23:28 AM
Subject: [T-368_BC-610] Bias transformer for BC610E
Hi Peter. You might be well off if you keep the sub. since the exact replacement will be old and subject to opening or shorting as the original. I have done the same as you with the exception of removing the drivers 2A3s and triod connected a pair of EL34 works beautifully....chance thecathode resister....jst thought you might be enterested in my experence. W5KGZ Perry Beaumont Tx

Hello!looking since 2006 for a bias transformer for my BC610E.If somebody has one in surplus,he possibly can keep it for me until there is a chance to ship it?No urgent matter,have made a homemade replacement,which works excellent.
73 Peter DK6KT

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4311. BC-610I

Yahoo group: T-368_BC-610
Date: 2010-09-15 00:08:35 UTC
From: Chuck Hurley
Topic: 4311  Message: 4311

My BC-610I was recently restored. The high voltage relay does not always pull in cleanly. At times it chatters and eventually it will work. I have tried adjusting the tension on the relay but it seems not to have any effect. What causes this relay to violently chatter at times?

Thanks
Chuck K1TLI

[Non-text portions of this message have been removed]

# 4312. Re: BC-610I

Yahoo group: T-368_BC-610
Date: 2010-09-19 11:12:32 UTC
From: radiokid@ymail.com
Topic: 4311  Message: 4312

may be that the contacts of RY2 must be cleaned,you find it after removing the backcover on bottom chassis at the right,its marked RY2.it is easily accessible after removing the relay cover,the idle contact is responsible here.cleaning with very fine sandpaper and cloth.may be the contacts of switch SW6 are dirty,is not so easily accessible.check the resistance of the coil of RY1 abt 160 ohms.when all switches are in off position you can test the relay RY1 by directly applying 115V to the coil.
!!!Take great care when repairing your transmitter!!!
good luck!
Peter DK6KT

--- In T-368_BC-610@yahoogroups.com, "Chuck Hurley" <scorebrd@...> wrote:
>
> My BC-610I was recently restored. The high voltage relay does not always pull in cleanly. At times it chatters and eventually it will work. I have tried adjusting the tension on the relay but it seems not to have any effect. What causes this relay to violently chatter at times?
>
> Thanks
> Chuck K1TLI
>
> [Non-text portions of this message have been removed]
>

# 4313. Re: [T-368_BC-610] Re: BC-610I

Yahoo group: T-368_BC-610
Date: 2010-09-19 12:44:35 UTC
From: Alan Morriss
Topic: 4311  Message: 4313

maybe the voltage is dropping on transmit. this can happen if the cable is too small in diameter.try putting a meter across it. alan g4gen
----- Original Message -----
From: radiokid@...
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, September 19, 2010 12:12 PM
Subject: [T-368_BC-610] Re: BC-610I

may be that the contacts of RY2 must be cleaned,you find it after removing the backcover on bottom chassis at the right,its marked RY2.it is easily accessible after removing the relay cover,the idle contact is responsible here.cleaning with very fine sandpaper and cloth.may be the contacts of switch SW6 are dirty,is not so easily accessible.check the resistance of the coil of RY1 abt 160 ohms.when all switches are in off position you can test the relay RY1 by directly applying 115V to the coil.
!!!Take great care when repairing your transmitter!!!
good luck!
Peter DK6KT

--- In T-368_BC-610@yahoogroups.com, "Chuck Hurley" <scorebrd@...> wrote:
>
> My BC-610I was recently restored. The high voltage relay does not always pull in cleanly. At times it chatters and eventually it will work. I have tried adjusting the tension on the relay but it seems not to have any effect. What causes this relay to violently chatter at times?
>
> Thanks
> Chuck K1TLI
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 4314. BC-610

Yahoo group: T-368_BC-610
Date: 2010-09-19 17:47:41 UTC
From: Chuck Hurley
Topic: 507  Message: 4314

Alan,

By "cable is too small" which cable do you mean?

I have found that if the cover over the relays is removed and the back panel loosened up and pryed out slightly, the relay pulls in fine. As you move the back panel closer to the case the relay starts to chatter. Magnetics?

The relay works cleanly if the cable to the BC-614 is removed. It then keys cleanly from the front panel plate switch.

Some kind of feedback loop?

Thanks
Chuck K1TLI

[Non-text portions of this message have been removed]

# 4315. Re: [T-368_BC-610] BC-610

Yahoo group: T-368_BC-610
Date: 2010-09-19 18:24:13 UTC
From: Alan Morriss
Topic: 507  Message: 4315

hi, i meant the mains 110v lead. this has to take a heavy current. when you displace the back, the safety micro is broken so that you cannot get the eht on . this means that the transformer is not taking current so the voltage drop would be much less. try a meter across the mains socket at the rear. you will have to put a couple of wires from it. be very careful if doing anything when there is maiins voltage on the tx. it can easily kill you if you get the 2500 v. always keep one hand in your pocket. i got a shock from stupidity , having bypassed the safety interlock. i touched the tank coil. i will never repeat that ! ! cheers, alan
----- Original Message -----
From: Chuck Hurley
To: radiokid@... ; T-368_BC-610@yahoogroups.com
Sent: Sunday, September 19, 2010 6:47 PM
Subject: [T-368_BC-610] BC-610

Alan,

By "cable is too small" which cable do you mean?

I have found that if the cover over the relays is removed and the back panel loosened up and pryed out slightly, the relay pulls in fine. As you move the back panel closer to the case the relay starts to chatter. Magnetics?

The relay works cleanly if the cable to the BC-614 is removed. It then keys cleanly from the front panel plate switch.

Some kind of feedback loop?

Thanks
Chuck K1TLI

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4316. Re: [T-368_BC-610] BC-610

Yahoo group: T-368_BC-610
Date: 2010-09-20 17:37:03 UTC
From: Alan Morriss
Topic: 507  Message: 4316

hello mike, what do they want, and how can i reach them ? i would not mind paying a bit.
cheers, aalan
----- Original Message -----
From: Chuck Hurley
To: radiokid@... ; T-368_BC-610@yahoogroups.com
Sent: Sunday, September 19, 2010 6:47 PM
Subject: [T-368_BC-610] BC-610

Alan,

By "cable is too small" which cable do you mean?

I have found that if the cover over the relays is removed and the back panel loosened up and pryed out slightly, the relay pulls in fine. As you move the back panel closer to the case the relay starts to chatter. Magnetics?

The relay works cleanly if the cable to the BC-614 is removed. It then keys cleanly from the front panel plate switch.

Some kind of feedback loop?

Thanks
Chuck K1TLI

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4317. Re: Bias transformer for BC610E

Yahoo group: T-368_BC-610
Date: 2010-09-25 02:46:21 UTC
From: ClasiCruz
Topic: 4308  Message: 4317

Working on a T-368 and was wondering what your indications were of a bad Bias transformer. I have high plate current when I'm not in Transmitt...thanks and 73 john KF5GLB

--- In T-368_BC-610@yahoogroups.com, "radiokid@..." <radiokid@...> wrote:
>
> Hello!looking since 2006 for a bias transformer for my BC610E.If somebody has one in surplus,he possibly can keep it for me until there is a chance to ship it?No urgent matter,have made a homemade replacement,which works excellent.
> 73 Peter DK6KT
>

# 4318. Re: [T-368_BC-610] Re: Bias transformer for BC610E

Yahoo group: T-368_BC-610
Date: 2010-09-25 14:40:18 UTC
From: Joe Foley
Topic: 4308  Message: 4318

Check the HV wiring near the 3B28's very carefully for cracks, etc.  Check the spark gap on the caps under the power supply deck.

Joe

--- On Fri, 9/24/10, ClasiCruz <clasicruz2002@...> wrote:

From: ClasiCruz <clasicruz2002@...>
Subject: [T-368_BC-610] Re: Bias transformer for BC610E
To: T-368_BC-610@yahoogroups.com
Date: Friday, September 24, 2010, 10:46 PM

Working on a T-368 and was wondering what your indications were of a bad Bias transformer. I have high plate current when I'm not in Transmitt...thanks and 73 john KF5GLB

--- In T-368_BC-610@yahoogroups.com, "radiokid@..." <radiokid@...> wrote:

>

> Hello!looking since 2006 for a bias transformer for my BC610E.If somebody has one in surplus,he possibly can keep it for me until there is a chance to ship it?No urgent matter,have made a homemade replacement,which works excellent.

> 73 Peter DK6KT

>

[Non-text portions of this message have been removed]

# 4319. ET4336 VFO

Yahoo group: T-368_BC-610
Date: 2010-10-03 11:21:07 UTC
From: Roger Basford
Topic: 4275  Message: 4319

Hi All,

Is there anyone on the group with any info on calibrating the RCA ET-4336 VFO? This the unit I am intending to use with my BC-610, BC-669, etc as an external drive source. My VFO is working well but I cannot seem to get the required swing in frequency across the fundamental range, the swing is too great. The only adjustment seems to be the position of the contact wheel on the grid tuning roller-coaster.

Any info appreciated,

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Roger Basford" <Roger@...> wrote:
>
> Hi All,
>
> Are there any published mods for using an external VFO with the BC-610? I have a nice ET-4336 VFO module here I'm putting into service with my BC-669-C and it would be good to use it for the '610 as well.
>
> 73
>
> Roger/G3VKM
>

# 4320. Re: [T-368_BC-610] ET4336 VFO

Yahoo group: T-368_BC-610
Date: 2010-10-04 00:22:51 UTC
From: ray bee
Topic: 4275  Message: 4320

Roger
Very early in my career, I was an engineer for RCA-Radiomarine. I think the number you gave was the same VFO that RCA used for their MHF-HF marine radio telephone/ telegraph consoles, in the pre-
X-tal days. IF! it is what I think it is, it should be a near copy of the BC-221 frequency meter. IF! I

remember correctly the freq range was roughly 1990KC to 4010KC. If you can send a picture of it,
it might jog my memory some.
Ray
WA2ZYE

---
From: Roger Basford <Roger@....uk>
To: T-368_BC-610@yahoogroups.com
Sent: Sun, October 3, 2010 7:21:07 AM
Subject: [T-368_BC-610] ET4336 VFO

Hi All,

Is there anyone on the group with any info on calibrating the RCA ET-4336 VFO? This the unit I am intending to use with my BC-610, BC-669, etc as an external drive source. My VFO is working well but I cannot seem to get the required swing in frequency across the fundamental range, the swing is too great. The only adjustment seems to be the position of the contact wheel on the grid tuning roller-coaster.

Any info appreciated,

Roger/G3VKM

[Non-text portions of this message have been removed]

# 4321. Re: ET4336 VFO

Yahoo group: T-368_BC-610
Date: 2010-10-04 06:24:55 UTC
From: Roger Basford
Topic: 4275  Message: 4321

Hello Ray,

The ET-4336 is actually the whole transmitter, it plugs into the TX as a screened module. The VFO is based on an 807, with grid tuning done by a roller-caster and anode multiplication by a second roller. The RCA 4331, 4332 & 4336 were Lend-Lease radios, probably they were a lot more over common here than the BC-610.

There was a set of mods published here around 1949 making the VFO into a stand-alone low-power TX, which seems to have been popular and I've removed those mods from mine. So, I think your description is certainly of a different unit. Will try and up load a couple of grabs from the manual to the Files section.

Thanks,

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, ray bee <wazye@...> wrote:
>
> Roger
> Very early in my career, I was an engineer for RCA-Radiomarine. I think the
> number you gave was the same VFO that RCA used for their MHF-HF marine radio
> telephone/ telegraph consoles, in the pre-
> X-tal days. IF! it is what I think it is, it should be a near copy of the BC-221
> frequency meter. IF! I
>
> remember correctly the freq range was roughly 1990KC to 4010KC. If you can send
> a picture of it,
> it might jog my memory some.
> Ray
> WA2ZYE
>
>
>
>
> _____

# 4322. Re: ET4336 VFO

Yahoo group: T-368_BC-610
Date: 2010-10-04 06:32:23 UTC
From: Roger Basford
Topic: 4275  Message: 4322

There is now a pair of files on the site called "VFO", Ray. Those show the two side views of the VFO.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Roger Basford" <Roger@...> wrote:
>
Will try and up load a couple of grabs from the manual to the Files section.
>
> Thanks,
>
> Roger/G3VKM
>
>
>
>

# 4323. FS: Two BC610 crystals for 80m

Yahoo group: T-368_BC-610
Date: 2010-10-04 11:51:53 UTC
From: Bry Carling
Topic: 4323  Message: 4323

FOR SALE: Two original BC610 crystals for 80m band.

These are the larger old crystals in the FT171B cases... 3/4" pin spacing
and a handle on top.

One is on 3615 kHz, and the other one is on 3905 kHz.
Good working condition.

Will sell as a pair only - for $20.00 plus shipping.

(normally sell for $19.00 each)

Contact via e-mail: bcarling@...
or check the other crystals at my web site:

http://www.af4k.com/FT171_crystals.htm

http://www.af4k.com/crystals.htm

73 de AF4K - Bry

[Non-text portions of this message have been removed]

# 4324. Re: [T-368_BC-610] Re: ET4336 VFO

Yahoo group: T-368_BC-610
Date: 2010-10-04 15:46:53 UTC
From: ray bee
Topic: 4275  Message: 4324

Roger
This VFO is a very different beast than I remember, from my tenure with RCA Radiomarine.

---
From: Roger Basford <Roger@...>
To: T-368_BC-610@yahoogroups.com
Sent: Mon, October 4, 2010 2:32:23 AM
Subject: [T-368_BC-610] Re: ET4336 VFO

There is now a pair of files on the site called "VFO", Ray. Those show the two side views of the VFO.

73

Roger/G3VKM

--- In T-368_BC-610@...m, "Roger Basford" <Roger@...> wrote:
>
Will try and up load a couple of grabs from the manual to the Files section.
>
> Thanks,
>
> Roger/G3VKM
>
>
>
>

[Non-text portions of this message have been removed]

# 4325. FS: UTC S-70 Filament Transformer

Yahoo group: T-368_BC-610
Date: 2010-10-04 18:54:58 UTC
From: Bry Carling
Topic: 4325  Message: 4325

FOR SALE: UTC model S-70 Filament Transformer.

Classic gray potted upright style transformer with the beveled corners.
Lightly used and in good working condition. These vintage UTC
transformers typically sell for around $100 each on eBay.
Here is a guy selling a pair of rusty ones for $259.00 - item # 310154251173

Primaries:
105 and 115V AC

TWO Secondaries:
Each is 6.3V c.t. at 5 Amps

PRI:1500V HIPOT
SEC:3000V HIPOT
CT 6.3V 5A x2
50~60Hz

Dimensions: 4-1/2" X 3-1/8" X 3-7/8" tall with four ears that
have mounting holes.

QTY 1 available for $35.00 plus shipping.

73 - Bry, AF4K

[Non-text portions of this message have been removed]

# 4326. FS: Heavy 28V DC relay

Yahoo group: T-368_BC-610
Date: 2010-10-04 19:08:54 UTC
From: Bry Carling
Topic: 4326  Message: 4326

FOR SALE: ADVANCE ELECTRIC & RELAY Heavy duty 28V DC relay

Part number A 88819-1
COIL is 28V DC
Contacts rated 120V DC at 25 Amps.

This is a sealed, gray, potted unit, with the diagram engraved on the top.
Good working condition... brass screw terminals on top with full
hardware including nuts and washers.
Dimensions: 3-1/4" X 3" X 3-1/4" tall. Mounting ears with screw holes
project an additional 1/2" at each corner.

QTY 1 available for $5.00 plus shipping.

73 de AF4K, Bry

[Non-text portions of this message have been removed]

# 4327. FS: AM & CW ops - Nearly Free, old FT243 crystals

Yahoo group: T-368_BC-610
Date: 2010-10-08 22:19:19 UTC
From: Bry Carling
Topic: 4327  Message: 4327

FOR SALE:

Groups of original old FT243 crystals. Great for experiments
needing some reliable WW2-era rocks for those who prefer them.
Hard to beat and hard to find. They just need a home!

GROUP 6 - SIX (6) FT243 crystals - original ones on
7125, 7140, 7206, 7200, 7202, 7243 kHz
Available for just $6.00 total for all six plus shipping.

GROUP 7 - SEVEN (7) FT243 crystals - original ones on
7125, 7140, 7173, 7229, 7242, 7274, 7291 kHz
Available for just $7.00 total for all seven plus shipping.

GROUP 8 - EIGHT (8) FT243 CRYSTALS - original ones on
7125, 7140, 7167, 7205, 7221, 7248, 7291, 7297 kHz
Available for just $8.00 total for all eight plus shipping.

You can order directly on line. Or e-mail me.

Many other ham band FT243 crystals, new and old available.
See:
http://www.af4k.com/basementcrystals.htm
http://www.af4k.com/crystals.htm

73 - Bry, AF4K

[Non-text portions of this message have been removed]

# 4328. Nearly Free Ham Band Crystals II

Yahoo group: T-368_BC-610
Date: 2010-10-11 12:59:27 UTC
From: Bry Carling
Topic: 4328  Message: 4328

Thank you to everyone who responded about the groups of crystals.
They were all sold. I have a few more if anyone is interested, great
for homebrewing and experimenting "AM CW delight" - as follows:

(these will only be sold as groups)

GROUP 1 - hc16 crystals on: 7174, 7185, 7200, 7212, 7244 kHz
Available for $5.00 plus shipping

GROUP 2 - hc16 crystals on: 28444, 28444, 28555, 28735, 28785, 28866,
29011, 29444 kHz
Available for $8.00 plus shipping

GROUP 3 - FT243 crystals on 7073, 7100, 7125, 7140, 7175, 7200, 225,
7244, 7275, 7286 kHz
Available for $12.00 plus shipping

GROUP 4 - FT243 Crystals on 7075, 7100, 7106.7, 7125, 7140, 7173,
7175, 7224, 7275 kHz
Available for $12.00 plus shipping

GROUP 5 - FT243 Crystals on 7073, 7125, 7125, 7140, 7151, 7174, 7175,
7200, 7225, 7300 kHz
Available for $12.00 plus shipping

Contact me off the list via e-mail please...

73 - Brian, AF4K

More crystals at:
http://www.af4k.com/crystals.htm

[Non-text portions of this message have been removed]

# 4329. FS: Large box of Cinch-Jones Connectors

Yahoo group: T-368_BC-610
Date: 2010-10-16 19:30:12 UTC
From: Bry Carling
Topic: 4329  Message: 4329

FOR SALE: Box of Cinch-Jones Connectors

Approximately 90 pieces, everywhere from 2-pins to 15 pins.
Some are cable-end types, others are chassis mount. Many are
in pairs (M-F) - many of these parts are new, several are used, but all
are in great shape, and they come in very handy around the ham shack.

Will sell the entire box for $40.00 plus $12.00 for USA shipping.

73 - Brian, AF4K

[Non-text portions of this message have been removed]

# 4330. FS: Ham Homebrewing parts

Yahoo group: T-368_BC-610
Date: 2010-10-29 19:52:39 UTC
From: Bry Carling
Topic: 4330  Message: 4330

FOR SALE:

NEW IN BOX FT243 Crystals on 1030 kHz - $5.00 each (QTY 10 available)

NEW IN BOX FT243 Crystal on 1475 kHz - $5.00 (QTY 1 available)

GROUP OF SIX panel mount fuse holders - traditional cartridge fuse sizes.
various shapes, but all pretty standard. All for $6.00 plus shipping.

RCA 6197 tubes - QTY 4 available. New in boxes. $2.00 each plus shipping.

RCA 5651 tubes - QTY 2 available. New in boxes. $2.00 each plus shipping.

Sylvania 5963 tubes - QTY 2 available. New in boxes. $3.00 each plus
shipping.

JUNK BOXES (!!) - may include caps, power supplies, tubes, resistors,
plugs,
adapters, crystals, variable capacitors, fuses, hardware etc. These will fill a
medium sized Priority mail flat rate box to USA for $15.00 plus $13.00
shipping.
Easily worth at least $60.00 by anyone's reckoning.
QTY 4 available for $15.00 plus shipping.

HIGH Voltage terminal - plug and socket for panel mount of up to 5 KV
cables to RF PA etc.
QTY 1 available for $2.00 plus shipping.

PAIR OF special UHF diodes - type 1N21B as used in microwave
applications and prized by
crystal set builders. Will sell the pair for $5.00 plus shipping.

BOX of ten air variable capacitors with 1/4" shafts. Various PFs. Mostly
medium - low power
devices and most will be max of about 20 pf to 300 pF.
Will sell all for $20.00 plus shipping

STANCOR P-8359 p[ower transformer, new in box.
117V at 60 Cy. primary, SEC = 12.6V CT at 3.0 A
Available for $6.00 plus shipping

Pair of No. 20 ceramic standoffs by EF Johnson, conical, with two screw
mounts.
Height is 2". Width is 1-5/8" - has stud-nut and solder tag terminals on top.
Will sell the pair for just $4.00 plus shipping.

Group of TEN type CR-1A crystals from WW2 - most are not in the ham
bands - a few may be.

Will sell as a group for $10.00 plus shipping.

GROUP of TEN type FT243 Crystals WW2-era original types in the 40 meter ham band.
FREQs = 7000, 7075, 7100, 7125, 7140, 7173.3, 7175, 7185, 7222, 7275 kHz
A great value at $20.00 plus shipping for the entire group. (normally $14 each!)

PAIR of RF Chokes. 2.5 mH multi-pile types as typically used in low level transmitter stages or
in receivers, about 1" long X 1-1/2" diameter pilings, plus length of leads attached. Good,
used condition. Will sell the pair for $4.00 plus shipping.

QTY 4 new Octal sockets, with ground tags. Will sell all four for $6.00 plus shipping.

QTY 4 used Octal sockets, with ground tags. Good condition. Will sell all four for $4.00 plus shipping.

QTY 4 new LOCTAL sockets. Will sell all four for $8.00 plus shipping.

hc6u Crystal Sockets, ceramic - available for $4.00 each or FOUR for $12.00

QTY 8 - Phenolic, NEW 5-way terminal strips. Traditional turret style, great for homebrewing.
Dimensions, 2-/12' X 1/2" with 5 turrets. Wrap, solder, bingo, perfection. 2 sets available.
Will sell group of 8 for $16.00 plus shipping.

CS-137 crystal case from WW2 era. Good condition. Has been painted a darker green but still quite usable and in good shape.
Holds QTY 120 type FT243 crystals. Available for $15.00 plus shipping.

Combine items to save on shipping costs.

73 & thanks for looking - Bry, AF4K

[Non-text portions of this message have been removed]

# 4331. FS: Marker Crystals

Yahoo group: T-368_BC-610
Date: 2010-11-15 12:15:25 UTC
From: Bry Carling
Topic: 4331  Message: 4331

For sale: Marker Crystals

100 kHz - $19.00 each
1.000 MHz - $16.00 each
10.000 MHz - $16.00 each

These are full size, hc6u, or wire lead crystals. In the case of
the 100kHz crystals, they are new manufacture, top quality
"tall hc6/u" crystals known as hc13/u. Some of the others are available
with wire leads. Shipping is additional.

73 de AF4K, Bry

http://www.af4k.com/hc6u_crystals.htm

[Non-text portions of this message have been removed]

# 4332. FS: TUBE ERA Ham Parts

Yahoo group: T-368_BC-610
Date: 2010-11-18 12:29:44 UTC
From: Bry Carling
Topic: 4332  Message: 4332

FOR SALE:

QTY 14 Tube-era transformers.
These are mostly open frame, above-chassis type transformers w/lugs.
One or two potted, includes output transformers, power transformers etc.
Some marked, some pot-luck.
Will sell all 14 for $25.00 plus $11.00 for USA shipping.

JUNK BOXES (!!) - may include caps, power supplies, tubes, resistors, plugs,
adapters, crystals, variable capacitors, fuses, hardware etc. These will fill a
medium sized Priority mail flat rate box to USA for $15.00 plus $13.00 shipping.
Easily worth at least $60.00 by anyone's reckoning.
QTY 2 available for $15.00 plus $12.00 for USA shipping.

Paper capacitors, QTY 30 new, old stock caps with axial leads for
$3.00 plus shipping

Electrolytic capacitors, QTY 30 new, old stock caps with axial and radial
leads for $3.00 plus shipping

New RF Chokes, 2 mH pi-wound types with axial leads - rated 50 mA
Available for $2.00 each

New RF Chokes, 1 mH pi-wound types with axial leads - rated 50 mA
Available for $1.00 each

GROUPS of original ham band, 1945-1960 era FT243 crystals:

GROUP A:
QTY 5 - 3835, 3858, 3910, 3931, 3952 kHz
All for $15.00 plus shipping

GROUP B:
QTY 5 - 3878, 3891, 3940, 3945, 3990 kHz
All for $15.00 plus shipping

GROUP C:
QTY 2 - 3825 kHz
Pair for $10.00 plus shipping

GROUP D:
QTY 2 - 3840 kHz
Pair for $10.00 plus shipping

GROUP E:
QTY 2 - 3897 kHz
Pair for $10.00 plus shipping

GROUP F:
QTY 2 - 3995 kHz
Pair for $10.00 plus shipping

GROUP G:
QTY 2 more - 3995 kHz
Pair for $10.00 plus shipping

NEW IN BOX FT243 Crystals on 1030 kHz - $6.00 each (QTY 8 available)

100 kHz Calibrator Crystals HC13/U (TALL HC6U )
- $19.00 each plus shipping.

Other FT243 crystals: 1430, 1470, 1525, 1585, 1600, 1700, 1790 kHz
1815, 1822, 1825, 1843, 1850, 1856 kHz FT243 crystals - $14.00 each

QTY 1 - FT-243 crystal case, military surplus, type CS-137 with two locking compartments. Holds up to 120 crystals. QTY 1 available for $15.00 plus shipping.

GROUP OF SIX panel mount fuse holders - traditional cartridge fuse sizes. Very standard for homebrewing and repairs. All for $6.00 plus shipping.

QTY 4 Octal tube sockets. These are clean, used sockets.- standard type with ears for chassis mounting. All four for $4.00 plus shipping.

RCA 6197 tubes - QTY 4 available. New in boxes. $2.00 each plus shipping.

RCA 5651 tubes - QTY 2 available. New in boxes. $2.00 each plus shipping.

Sylvania 5963 tubes - QTY 2 available. New in boxes. $3.00 each plus shipping.

Please contact me directly to arrange purchase.
OR you can order directly from my web site at:

http://www.af4k.com/miscpart.htm

More at:
http://www.af4k.com/crystals.htm

73 de AF4K - Bry

[Non-text portions of this message have been removed]

# 4333. T-368E Vacuum Variable Needed

Yahoo group: T-368_BC-610
Date: 2010-11-18 15:49:20 UTC
From: Harold Hairston
Topic: 4333  Message: 4333

The Plate Tuning Capacitor, C-6, in my T-368E is breaking down. I need two things. (1) Specifacations on this Vacuum Variable. I know that is probably 500 mmf but need to know Model #, manufacturer,etc in order to start looking for a replacement. (2) Any info as to where I may locate a replacement. I have tried Fair and SSN. Thanks for any help.

# 4334. BC-610 Serial number locations?

Yahoo group: T-368_BC-610
Date: 2010-11-25 19:27:58 UTC
From: Roger Basford
Topic: 4334  Message: 4334

Hi All,

Apart from the front panel plate, are there any locations on a BC-610 where the serial number would be marked?

73

Roger/G3VKM

# 4335. Plate Tuning Capacitor For T-368

Yahoo group: T-368_BC-610
Date: 2010-12-04 19:28:47 UTC
From: Harold Hairston
Topic: 4335  Message: 4335

Still need nomenclature data on The T-368 Plate Tuning Cap. I know it is 300mmf and voltage is probably around 10K. Need Model #, Manufacturer, etc. Also,any leads to locate one. Please respond direct.

# 4336. RE: [T-368_BC-610] Plate Tuning Capacitor For T-368

Yahoo group: T-368_BC-610
Date: 2010-12-04 21:33:36 UTC
From: Steve G
Topic: 4335  Message: 4336

Here is the other cap. Same voltage level I'm sure. Think it is a pretty common cap, may have one or 2 but not the front assembly. Looking for a better picture for you.

Steve, kd3ht

---

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Harold Hairston
Sent: Saturday, December 04, 2010 2:29 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] Plate Tuning Capacitor For T-368

Still need nomenclature data on The T-368 Plate Tuning Cap. I know it is 300mmf and voltage is probably around 10K. Need Model #, Manufacturer, etc. Also,any leads to locate one. Please respond direct.

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.449 / Virus Database: 271.1.1/3260 - Release Date: 12/04/10 07:34:00

[Non-text portions of this message have been removed]

# 4337. Re: [T-368_BC-610] Plate Tuning Capacitor For T-368

Yahoo group: T-368_BC-610
Date: 2010-12-05 02:31:46 UTC
From: Harold Hairston
Topic: 4335  Message: 4337

Steve;

Here are pictures of the vacuum variable that I need. Need manuf name, model #, ertc if available.

Harold

One of The Penalities of Not Participating in Politics is That You Will be Governed by Your Inferiors (Plato)
----- Original Message -----
From: Steve G
To: T-368_BC-610@yahoogroups.com
Sent: Saturday, December 04, 2010 4:33 Hank
Subject: RE: [T-368_BC-610] Plate Tuning Capacitor For T-368

Here is the other cap. Same voltage level I'm sure. Think it is a pretty common cap, may have one or 2 but not the front assembly. Looking for a better picture for you.

Steve, kd3ht

_____

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Harold Hairston
Sent: Saturday, December 04, 2010 2:29 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] Plate Tuning Capacitor For T-368

Still need nomenclature data on The T-368 Plate Tuning Cap. I know it is 300mmf and voltage is probably around 10K. Need Model #, Manufacturer, etc. Also,any leads to locate one. Please respond direct.

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.449 / Virus Database: 271.1.1/3260 - Release Date: 12/04/10 07:34:00

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4338. Re: [T-368_BC-610] BC-610 Serial number locations?

Yahoo group: T-368_BC-610
Date: 2010-12-09 19:34:32 UTC
From: w5kgz@yahoo.com
Topic: 4334  Message: 4338

---

From: Roger Basford <Roger@new-gate.co.uk>
To: T-368_BC-610@yahoogroups.com
Sent: Thu, November 25, 2010 1:27:58 PM
Subject: [T-368_BC-610] BC-610 Serial number locations?

pERRY W5KGZ
Hi All,

Apart from the front panel plate, are there any locations on a BC-610 where the serial number would be marked?

73

Roger/G3VKM

NOT TO MY KNOWLEDGE ROGER AND I HAVE BEEN OVER AND UNDER OF THESE BEAST FOR YEARS

[Non-text portions of this message have been removed]

# 4339. Re: [T-368_BC-610] BC-610 Serial number locations?

Yahoo group: T-368_BC-610
Date: 2010-12-09 20:21:57 UTC
From: MOGGY2@aol.com
Topic: 4334  Message: 4339

Seasons greetings to all.

While a S/Sgt at a stateside base , i was directed by a punk Lt. to change a pair BC-610s around, from one GRC-26/X vans to another, cause by serial number they were in the wrong vans. On shift with one other person , and he wanted the two of us to move two xmitters, about 20 ft. by the end of the shift ! he ( the Lt. ) showed up about two hours later,
checked serial no`s, said nothing, nodded his head and left the scene of the crime.

Yes, i changed tags ! one said bc-610 I , and the other said T-213...
always wondered if these two xmitters made it to the ham scene,and if they caused anyone grief?

73`s and the 610 is a better xmitter then the T-368...IMHO...

[Non-text portions of this message have been removed]

# 4340. Re: [T-368_BC-610] BC-610 Serial number locations?

Yahoo group: T-368_BC-610
Date: 2010-12-09 21:43:16 UTC
From: Robert Heaton
Topic: 4334  Message: 4340

Off subject
let me ask a ? from by-gone days

Any of you guys remember the modulation xformer talking to when you were driving it too hard ?

former AF4FFT  usaf  mars op. (loveing refered to a french fried turtles..)

73, BoB.
wb4jpz1@...

--- On Thu, 12/9/10, w5kgz@yahoo.com <w5kgz@...> wrote:

From: w5kgz@... <w5kgz@...>
Subject: Re: [T-368_BC-610] BC-610 Serial number locations?
To: T-368_BC-610@yahoogroups.com
Date: Thursday, December 9, 2010, 2:34 PM

---

From: Roger Basford <Roger@...>
To: T-368_BC-610@yahoogroups.com
Sent: Thu, November 25, 2010 1:27:58 PM
Subject: [T-368_BC-610] BC-610 Serial number locations?

pERRY W5KGZ
Hi All,

Apart from the front panel plate, are there any locations on a BC-610 where the serial number would be marked?

73

Roger/G3VKM

NOT TO MY KNOWLEDGE ROGER AND I HAVE BEEN OVER AND UNDER OF THESE BEAST FOR YEARS

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4341. Re: [T-368_BC-610] BC-610 Serial number locations?

Yahoo group: T-368_BC-610
Date: 2010-12-09 23:16:47 UTC
From: MOGGY2@aol.com
Topic: 4334  Message: 4341

YES, in the GRC26A van, could hear both sides of the conversation, xmit side from the Xformer, rec. side from the R-388...

did not know that we were over mod... meters read good...

73 Gene

[Non-text portions of this message have been removed]

# 4342. Re: BC-610 Serial number locations?

Yahoo group: T-368_BC-610
Date: 2010-12-11 07:54:06 UTC
From: Roger Basford
Topic: 4334  Message: 4342

I saw that one coming!

No, the reason I ask is that my -E model came with a -D serial number plate, possibly as the transmitter was built up from parts of other sets or what, I don't know. But I thought that there might be another part of the transmitter that was marked, something like the PSU deck.

On the subject of "talking" mod transformers, I haven't heard this with my '610 but I did have a Labgear LG-300, a British-made 1950s TX that has a pair of 6146s modulating an 813. This had chronic talk-through, so bad that I eventually had to swap the mod transformer for a Woden UM2 type. Only just fitted in the modulator deck but cured the problem.

All the best for Xmas/2011.

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, MOGGY2@... wrote:
>
> Seasons greetings to all.
>
> While a S/Sgt at a stateside base , i was directed by a punk Lt. to change
> a pair BC-610s around, from one GRC-26/X vans to another, cause by serial
> number they were in the wrong vans. On shift with one other person , and he
> wanted the two of us to move two xmitters, about 20 ft. by the end of the
> shift ! he ( the Lt. ) showed up about two hours later,
> checked serial no`s, said nothing, nodded his head and left the scene of
> the crime.
>
> Yes, i changed tags ! one said bc-610 I , and the other said T-213...
> always wondered if these two xmitters made it to the ham scene,and if they
> caused anyone grief?
>
> 73`s and the 610 is a better xmitter then the T-368...IMHO...
>
>
> [Non-text portions of this message have been removed]
>

# 4343. FS: Crystal Pairs

Yahoo group: T-368_BC-610
Date: 2010-12-14 14:06:51 UTC
From: Bry Carling
Topic: 4343  Message: 4343

FOR SALE: FT243 Crystal Pairs

One for you - one for a friend

QTY 2 X 3825 kHz

QTY 2 X 3897 kHz

QTY 4 X 3995 kHz

These are all available for $4.00 per crystal plus shipping.
Please contact me off the list.

73 - Bry, AF4K

[Non-text portions of this message have been removed]

# 4344. FS: Some more radio parts

Yahoo group: T-368_BC-610
Date: 2010-12-14 14:37:04 UTC
From: Bry Carling
Topic: 4344  Message: 4344

FOR SALE:

1)  BOX of 10 Ceramic Variable Capacitors. Various values from 30 pF and up. Some transmitting, some receiving. All ten for $20.00 plus shipping.

2) 100 kHz crystals - new, tall type hc13u calibrator crystal as used in all tube era radios. FIts the same soicket as an hc6u crystal. Available for $19.00 each plus shipping.

3) Lacing cord for wiring harnesses. New, 300 yard spool available for $12.50 plus shipping.

4) Pair of 2E26 transmitting tubes. Used, good tested tube pair for $5.00 plus shipping.

5) EIMAC 4-65A transmitting tube with ceramic socket in excellent condition. QTY 1 available for $8.00 plus shipping.

6) RCA 832 mil-spec transmitting tube - looks new.
QTY 1 available for $5.00 plus shipping.

7) G.E. 6997 VHF transmitting tube, used. Looks OK.
QTY 1 available for $2.00 plus shipping.

8) Drake Crystal for R4A, R4B or R4C, covers 10.0 - 10.5 MHz
QTY 1 available for $12.00

9) Group of hc6u crystals on 7000 kHz, 7100 kHz, 7159 kHz, 7170 kHz, and QTY 2 X 7174 kHz. TOTAL of six mil surplus crystals for $12.00 plus shipping.

10) Pair of FT243 crystals on 3880 kHz. One for you and one for a friend! These are available for $10.00 each plus shipping.

11) Broadcast band FT243 crystals.  1200 kHz, 1300 kHz, 1475 kHz, 1600 kHz, 1585 kHz. Available for $14.00 each plus shipping.

73 and thanks for looking.

Brian, AF4K

[Non-text portions of this message have been removed]

# 4345. talking modulation transformers

Yahoo group: T-368_BC-610
Date: 2010-12-16 01:17:56 UTC
From: Geoff Edmonson
Topic: 4345  Message: 4345

YES, in the GRC26A van, could hear both sides of the conversation, xmit
> side from the Xformer, rec. side from the R-388...
>
> did not know that we were over mod... meters read good...
>
> 73 Gene
>
>

95% chance that you weren't. the older non-potted transformers had
laminations that would 'sing' to you.

some of that comes from the transformer, some comes from the tubes,
themselves.

Some of it might even come from drawing the final current through the
secondary of the transformer, instead of shunting the DC voltage around
the secondary through a Modulation Reactor (non-swinging choke) and
capacitively couple the Audio to the DC line.

If anyone is interested in doing this, you need (to be safe) at LEAST 2x
the maximum voltage peak for the ratings on the capacitors, and for the
reactor, around'ish 8 Hy per 1k Ohm of Z (impedance) in the final.

ie: you're running 2kVDC on the plates, and 250mA.

Z = AC Resistance, so for all practical intents and purposes, substitute
Z for R in Ohms Law.
Z = 2kVDC divide by 250mA
Z = 8,000 ohms.
8000 ohms times 8 Henry's per 1000 ohms
Reactor size = 64 Hy @ (at least) 250mA.
4 or 5uf caps at 2x the max modulator output should be sufficient.

this way, the core of the modulation transformer isn't saturated, the
Hysteresis line is more linear and there's less distortion and
cross-over harmonic distortion in the audio. Positive peaks are
cleaner, ergo the entire signal is cleaner -and- the extra benefit of no
more talking modulation transformer.

73 = Best Regards,
-Geoff/W5OMR (/m, Baja Spring, TX)

# 4346. Re: [T-368_BC-610] talking modulation transformers

Yahoo group: T-368_BC-610
Date: 2010-12-16 01:35:31 UTC
From: Mack Rogers
Topic: 4345  Message: 4346

WikiModulator Leaks???

Yeah I know that one was bad but I couldn't resist it.

N4VGB
Mack Rogers

--- On Wed, 12/15/10, Geoff Edmonson <w5omr@...> wrote:

From: Geoff Edmonson <w5omr@att.net>
Subject: [T-368_BC-610] talking modulation transformers
To: T-368_BC-610@yahoogroups.com
Date: Wednesday, December 15, 2010, 8:17 PM

YES, in the GRC26A van, could hear both sides of the conversation, xmit
> side from the Xformer, rec. side from the R-388...
>
> did not know that we were over mod... meters read good...
>
> 73 Gene
>
>

95% chance that you weren't. the older non-potted transformers had
laminations that would 'sing' to you.

some of that comes from the transformer, some comes from the tubes,
themselves.

Some of it might even come from drawing the final current through the
secondary of the transformer, instead of shunting the DC voltage around
the secondary through a Modulation Reactor (non-swinging choke) and
capacitively couple the Audio to the DC line.

If anyone is interested in doing this, you need (to be safe) at LEAST 2x
the maximum voltage peak for the ratings on the capacitors, and for the
reactor, around'ish 8 Hy per 1k Ohm of Z (impedance) in the final.

ie: you're running 2kVDC on the plates, and 250mA.

Z = AC Resistance, so for all practical intents and purposes, substitute
Z for R in Ohms Law.
Z = 2kVDC divide by 250mA
Z = 8,000 ohms.
8000 ohms times 8 Henry's per 1000 ohms
Reactor size = 64 Hy @ (at least) 250mA.
4 or 5uf caps at 2x the max modulator output should be sufficient.

this way, the core of the modulation transformer isn't saturated, the Hysteresis line is more linear and there's less distortion and cross-over harmonic distortion in the audio. Positive peaks are cleaner, ergo the entire signal is cleaner -and- the extra benefit of no more talking modulation transformer.

73 = Best Regards,
-Geoff/W5OMR (/m, Baja Spring, TX)

[Non-text portions of this message have been removed]

# 4347. mod

Yahoo group: T-368_BC-610
Date: 2010-12-16 07:47:08 UTC
From: Alan Morriss
Topic: 4347  Message: 4347

hello guys, well, in our scr 399 truck, you do not hear the mod transformer talking. maybe it is something to do with having the proper mounts for the bc 610 . it could be the type of transformer also i expect . alan g4gen

[Non-text portions of this message have been removed]

# 4348. Re: BC-610 Serial number locations?

Yahoo group: T-368_BC-610
Date: 2010-12-16 13:24:00 UTC
From: radiokid@ymail.com
Topic: 4334  Message: 4348

<<<73`s and the 610 is a better xmitter then the T-368...IMHO...>>>

Why is the BC610 the better transmitter?

73's

Peter DK6KT

--- In T-368_BC-610@yahoogroups.com, MOGGY2@... wrote:
>
> Seasons greetings to all.
>
> While a S/Sgt at a stateside base , i was directed by a punk Lt. to change
> a pair BC-610s around, from one GRC-26/X vans to another, cause by serial
> number they were in the wrong vans. On shift with one other person , and he
> wanted the two of us to move two xmitters, about 20 ft. by the end of the
> shift ! he ( the Lt. ) showed up about two hours later,
> checked serial no`s, said nothing, nodded his head and left the scene of
> the crime.
>
> Yes, i changed tags ! one said bc-610 I , and the other said T-213...
> always wondered if these two xmitters made it to the ham scene,and if they
> caused anyone grief?
>
> 73`s and the 610 is a better xmitter then the T-368...IMHO...
>
>
> [Non-text portions of this message have been removed]
>

# 4349. Re: [T-368_BC-610] mod

Yahoo group: T-368_BC-610
Date: 2010-12-16 14:30:32 UTC
From: rbethman
Topic: 4347  Message: 4349

Having heard of the problems with some of the BC-610s, It really isn't a "common" issue. I've only heard of complaints from one or two owners.

If Jim, WB2FCN chimes in, we may get a better idea as to the likelihood of the issue popping up. He used to run them in Europe and a few other places.

Bob - N0DGN

On 12/16/2010 2:47 AM, Alan Morriss wrote:
>
> hello guys, well, in our scr 399 truck, you do not hear the mod
> transformer talking. maybe it is something to do with having the
> proper mounts for the bc 610 . it could be the type of transformer
> also i expect . alan g4gen
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 4350. Re: [T-368_BC-610] Re: BC-610 Serial number locations?

Yahoo group: T-368_BC-610
Date: 2010-12-16 14:33:45 UTC
From: rbethman
Topic: 4334  Message: 4350

Peter,

It is simply individual opinions. I don't know that it is "objectively" determined.

It is like asking the "notorious" which XXXXXX is the BEST?

The discussion goes on for days.

Bob - N0DGN

On 12/16/2010 8:24 AM, radiokid@... wrote:
>
> <<<73`s and the 610 is a better xmitter then the T-368...IMHO...>>>
>
> Why is the BC610 the better transmitter?
>
> 73's
>
> Peter DK6KT
>

[Non-text portions of this message have been removed]

# 4351. Re: [T-368_BC-610] Re: BC-610 Serial number locations?

Yahoo group: T-368_BC-610
Date: 2010-12-16 14:34:18 UTC
From: Todd, KA1KAQ
Topic: 4334  Message: 4351

On Thu, Dec 16, 2010 at 8:24 AM, radiokid@... <radiokid@...>wrote:

>
>
> <<<73`s and the 610 is a better xmitter then the T-368...IMHO...>>>
>
> Why is the BC610 the better transmitter?
>
> It's not, Peter - from either a technical or utility aspect. The T-368 is light years improved with real band switching, no coils or tuning units to change, no speech amp needed, and the list goes on.

But opinion being what it is, to each their own. Both are wonderful transmitters and the BC-610 has a black wrinkle paint job and pre-war art deco styling that give it more of a 'radio' look.

~ Todd, KA1KAQ/4

[Non-text portions of this message have been removed]

# 4352. Re: [T-368_BC-610] Re: BC-610 Serial number locations?

Yahoo group: T-368_BC-610
Date: 2010-12-16 15:02:24 UTC
From: rbethman
Topic: 4334  Message: 4352

Todd,

I can't speak from personal experience, but from what I've seen and
read, you are VERY likely correct! The finals are a good bit cheaper too!

Bob - N0DGN

On 12/16/2010 9:34 AM, Todd, KA1KAQ wrote:
>
> On Thu, Dec 16, 2010 at 8:24 AM, radiokid@...
> <mailto:radiokid%40ymail.com> <radiokid@...
> <mailto:radiokid%40ymail.com>>wrote:
>
> >
> > >
> > > <<<73`s and the 610 is a better xmitter then the T-368...IMHO...>>>
> > >
> > > Why is the BC610 the better transmitter?
> > >
> > > It's not, Peter - from either a technical or utility aspect. The
> > T-368 is
> > light years improved with real band switching, no coils or tuning units to
> > change, no speech amp needed, and the list goes on.
> >
> > But opinion being what it is, to each their own. Both are wonderful
> > transmitters and the BC-610 has a black wrinkle paint job and pre-war art
> > deco styling that give it more of a 'radio' look.
> >
> > ~ Todd, KA1KAQ/4
> >

[Non-text portions of this message have been removed]

# 4353. Re: [T-368_BC-610] Re: BC-610 Serial number locations?

Yahoo group: T-368_BC-610
Date: 2010-12-16 15:59:41 UTC
From: Jack Taylor
Topic: 4334  Message: 4353

I like the BC-610E and earlier because of their styling.
Doesn't look like a refrigerator box with meters.

73 de Jack - N7OO

<<<73`s and the 610 is a better xmitter then the T-368...IMHO...>>>

Why is the BC610 the better transmitter?

73's

Peter DK6KT

--- In T-368_BC-610@yahoogroups.com, MOGGY2@... wrote:
>
> Seasons greetings to all.
>
> While a S/Sgt at a stateside base , i was directed by a punk Lt. to change
> a pair BC-610s around, from one GRC-26/X vans to another, cause by serial
> number they were in the wrong vans. On shift with one other person , and he
> wanted the two of us to move two xmitters, about 20 ft. by the end of the
> shift ! he ( the Lt. ) showed up about two hours later,
> checked serial no`s, said nothing, nodded his head and left the scene of
> the crime.
>
> Yes, i changed tags ! one said bc-610 I , and the other said T-213...
> always wondered if these two xmitters made it to the ham scene,and if they
> caused anyone grief?
>
> 73`s and the 610 is a better xmitter then the T-368...IMHO...
>
>
> [Non-text portions of this message have been removed]
>

---

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.449 / Virus Database: 271.1.1/3317 - Release Date: 12/15/10 07:34:00

[Non-text portions of this message have been removed]

# 4354. Re: [T-368_BC-610] WAS BC-610 Serial number locations - NOW T-368 VS BC-610

Yahoo group: T-368_BC-610
Date: 2010-12-16 16:47:15 UTC
From: rbethman
Topic: 4334  Message: 4354

It is comparing apples versus oranges!

The BC-610 was already being commercially produced when the Army Signal Corps went to Bill Halligan. The T-368 came out a good bit later.

The BC-610 fit the bill, "niche", if you like, at the required time and date. The intended use was to transmit distances of about 100 miles. They most likely didn't do a whole lot of frequency changing.

The time and history changed around THEM. The T-368 was probably contracted based on the use of the BC-610. I DO know the BC-610 was upgraded to the T-213 in one example that I own, and it was done in Depot dated July 1959.

It was then crated for shipment. The history has come out that WA5CAB, Robert Downs, and K5JV, Lon Cottingham managed to keep this particular one from being taken out to sea and dumped.

Ultimately I became its home.

I digress, the T-368 obviously came out and took the place of many BC-610s. R-390s or R-390As took the place of many of the old GRC-26/SCR-399 receivers.

If given the choice between either a T-368, with its band-switching capability, or the BC-610 with its need to change the PA coil and also possibly the Tuning Unit(s), I'd choose the T-368.

That wasn't the option that came upon me when obtaining the BC-610. So it really doesn't matter.

Bob - N0DGN

# 4355. tx

Yahoo group: T-368_BC-610
Date: 2010-12-16 17:16:07 UTC
From: Alan Morriss
Topic: 4355  Message: 4355

hello guys, the british army developed the Wireless Sender no. 53 to replace the BC610 . like the T369 is much better, band changing is easy, it has a stable and accurately calibrated vfo, and the PA and ant. loading circuits are variable inductors. it also has an excellent internal speech amplifier. i would not part with mine for any money. however, and this is important, the BC610 has something. i love mine , and sitting in the shelter operating it brings a tremendous satisfaction. i wonder what anxious traffic was passed through it during the ardennes offensive. apart from anything else, it looks like part of a flash gordon set ! alan g4gen

[Non-text portions of this message have been removed]

# 4356. Re: [T-368_BC-610] Re: BC-610 Serial number locations?

Yahoo group: T-368_BC-610
Date: 2010-12-16 17:26:03 UTC
From: James M. Walker
Topic: 4334  Message: 4356

The only REAL difference between BC-610 and T-368 is technology
advances. From 250TH to 4-400A, or which the 250TH is the sturdier tube!!!!!
As for the speech anp conundrum that is just a matter of position and
additional usage.
Ie; the BC-614 was designed to sit on top of the SYSTEM control box JB-70,
the
tube line-up changed the chassis got smaller and was placed inside the
T-368, the power
control for the system, on the BC-610 is the JB-70. routes power and audio
and such,
on the T-368 system AN/GRC-26 the box is the C-1123 which does the same
function.
Some of which is route audio from a land-line telephone (TA-312) to the
radio set for
remote control of transmit/receive from a Communications center (Forward)
over WD-1
Wire pair in Both cases.

There are folks that swear the T-368 is better, however comparing them side
by side I
found no appreciable difference in the two sets. In fact most of the people
that "SAY"
the T-368 is better never owned or operated the BC-610 in a FULL system
configuration.
I might also mention both systems would operate over 2 wires to perform
their designed
function, which was to communicate.

Some folks have removed the T-368 speech amp and added external boxes to
make it
sound (to them) like a broadcast transmitter, which it doesn't, as listening
is a matter of
difference depending on who is doing the listening propagation etc;

You Mileage may vary, but to end the argument get one of each "SYSTEM" put
them
side by side on same antenna system and I'll give you a Dollar if you can
tell the difference
between rigs, "NOTE: that's two systems complete per the manuals"

Here ends the LESSON!
Jim WB2FCN
"Go BIG or stay Home!

----- Original Message -----
From: "Todd, KA1KAQ" <ka1kaq@...>

To: <T-368_BC-610@yahoogroups.com>
Sent: Thursday, December 16, 2010 9:34 AM
Subject: Re: [T-368_BC-610] Re: BC-610 Serial number locations?

> On Thu, Dec 16, 2010 at 8:24 AM, radiokid@...
> <radiokid@...>wrote:
>
>>
>>
>> <<<73`s and the 610 is a better xmitter then the T-368...IMHO...>>>
>>
>> Why is the BC610 the better transmitter?
>>
>> It's not, Peter - from either a technical or utility aspect. The T-368 is
> light years improved with real band switching, no coils or tuning units to
> change, no speech amp needed, and the list goes on.
>
> But opinion being what it is, to each their own. Both are wonderful
> transmitters and the BC-610 has a black wrinkle paint job and pre-war art
> deco styling that give it more of a 'radio' look.
>
> ~ Todd, KA1KAQ/4
>
>
> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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# 4357. Re: [T-368_BC-610] tx

Yahoo group: T-368_BC-610
Date: 2010-12-16 17:34:30 UTC
From: James M. Walker
Topic: 4355  Message: 4357

Hello again,
Folks are comapring apples and oranges. Neither transmitter was designed for Broadcast quality, but for COMMUNICATIONS QUALITY which is MORE important in battlefield usage. If you want "Broadcast Quality" buy a BROADCAST Transmitter!

As for the BAND CHANGE ISSUE, The efficency of the BC-610 is proved out by the POWER OUTPUT of the unit, a coil set optimized for a segment will always be more
efficient than a Multi-band switch-able section, Tuning across several bands takes a little longer
but the efficiency is there as the power levels can be optimized for the segment of the bands you are using!
ENUFF SAID!

Jim
WB2FCN
"Real Radios weigh 450 pounds, and need a truck to movethem"!

----- Original Message -----
From: "Alan Morriss" <mohawk@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Thursday, December 16, 2010 12:16 PM
Subject: [T-368_BC-610] tx

> hello guys, the british army developed the Wireless Sender no. 53 to
> replace the BC610 . like the T369 is much better, band changing is easy,
> it has a stable and accurately calibrated vfo, and the PA and ant. loading
> circuits are variable inductors. it also has an excellent internal speech
> amplifier. i would not part with mine for any money. however, and this is
> important, the BC610 has something. i love mine , and sitting in the
> shelter operating it brings a tremendous satisfaction. i wonder what
> anxious traffic was passed through it during the ardennes offensive. apart
> from anything else, it looks like part of a flash gordon set ! alan g4gen
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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>

>

# 4358. RE: [T-368_BC-610] tx

Yahoo group: T-368_BC-610
Date: 2010-12-16 18:14:53 UTC
From: Thekan, Paul
Topic: 4355  Message: 4358

I have and used both the 610-E as configured for the SCR 499 and T-368-E. I have enjoyed using both and appreciate the attributes that each have. For me , servicing the T-368 is easier than the getting into the 610. IMO I think the T-368 copied WS 53 with compartment sections that can provide easier access to do servicing when needed.

Paul
N6FEG

_____
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of James M. Walker
Sent: Thursday, December 16, 2010 9:35 AM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] tx

Hello again,
Folks are comapring apples and oranges. Neither transmitter was designed for Broadcast quality, but for COMMUNICATIONS QUALITY which is MORE
important in battlefield usage. If you want "Broadcast Quality" buy a BROADCAST Transmitter!

As for the BAND CHANGE ISSUE, The efficency of the BC-610 is proved out by the POWER OUTPUT of the unit, a coil set optimized for a segment will always be more
efficient than a Multi-band switch-able section, Tuning across several bands takes a little longer
but the efficiency is there as the power levels can be optimized for the segment of the bands you are using!
ENUFF SAID!

Jim
WB2FCN
"Real Radios weigh 450 pounds, and need a truck to movethem"!

----- Original Message -----
From: "Alan Morriss" <mohawk@...<mailto:mohawk%40clara.co.uk>>
To: <T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610%40yahoogroups.com>>
Sent: Thursday, December 16, 2010 12:16 PM
Subject: [T-368_BC-610] tx

> hello guys, the british army developed the Wireless Sender no. 53 to
> replace the BC610 . like the T369 is much better, band changing is easy,
> it has a stable and accurately calibrated vfo, and the PA and ant. loading
> circuits are variable inductors. it also has an excellent internal speech
> amplifier. i would not part with mine for any money. however, and this is
> important, the BC610 has something. i love mine , and sitting in the
> shelter operating it brings a tremendous satisfaction. i wonder what

> anxious traffic was passed through it during the ardennes offensive. apart
> from anything else, it looks like part of a flash gordon set ! alan g4gen
>
> [Non-text portions of this message have been removed]
>
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> ------------------------------------
>
> Yahoo! Groups Links
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This message, including any attachments, may include privileged,
confidential and/or inside information. Any distribution or use of this
communication by anyone other than the intended recipient(s) is strictly
prohibited and may be unlawful. If you are not the intended recipient,
please notify the sender by replying to this message and then delete it from
your system.

[Non-text portions of this message have been removed]

# 4359. Re: [T-368_BC-610] Re: BC-610 Serial number locations?

Yahoo group: T-368_BC-610
Date: 2010-12-16 19:34:30 UTC
From: Todd, KA1KAQ
Topic: 4334  Message: 4359

On Thu, Dec 16, 2010 at 12:26 PM, James M. Walker <chejmw@...>wrote:

>
>
> The only REAL difference between BC-610 and T-368 is technology
> advances. From 250TH to 4-400A, or which the 250TH is the sturdier
> tube!!!!!
>

That might be true on paper, but 4-400s don't suffer the gassy or brittle filament issues of many NOS 250THs, made with lower grade materials due to war time shortages. And the technological advances are the basic point of my comments.

> As for the speech anp conundrum that is just a matter of position and
> additional usage.
> Ie; the BC-614 was designed to sit on top of the SYSTEM control box JB-70,
> the
> tube line-up changed the chassis got smaller and was placed inside the
> T-368,
>

Precisely. You reinforced my original point, there is no need for a separate speech amp with the T-368, or a collection of coils, or tuning units. Position and additional usage no longer require consideration or attention. An advancement.

> There are folks that swear the T-368 is better, however comparing them side
>
> by side I
> found no appreciable difference in the two sets. In fact most of the people
>
> that "SAY"
> the T-368 is better never owned or operated the BC-610 in a FULL system
> configuration.
>

And likely, few have an interest in doing so. The typical ham looking for either model wants a reliable, easy to tune transmitter with moderate output for AM and possibly CW use. "Better" from a matter of opinion is difficult to argue. I like my tube gear better than solid state gear for the experience it gives me of using a real radio. "Better" from a standpoint of engineering and technology involved is another matter, and easier to decide. It has nothing to do with preference and everything to do with actual utility and functionality.

> Some folks have removed the T-368 speech amp and added external boxes to
> make it
> sound (to them) like a broadcast transmitter, which it doesn't, as
> listening
> is a matter of
> difference depending on who is doing the listening propagation etc;
>

Some have also gutted and rebuilt the BC-610 to use different/more available PA tubes, or to expand its coverage. Not something I agree with, but it happens. That doesn't make the T-368 better anymore than mods to the T-368 make the BC-610 better.

> You Mileage may vary, but to end the argument get one of each "SYSTEM" put
> them
> side by side on same antenna system and I'll give you a Dollar if you can
> tell the difference
> between rigs, "NOTE: that's two systems complete per the manuals"
>

That certainly wasn't the intent of basis of my comments, Jim. Nor can I disagree with someone's opinion beyond preferring my own. Merely the obvious fact of the advances between the earlier BC-610/HT-4 and later, more advanced T-368 (which has its own limitations including stock frequency coverage). "Hearing" takes place at the receiving end. You can use a Flex radio and sound great. Operating takes place in the user's location, in which case the T-368 is likely the better fit for the vast majority not looking to re-create a complete system or relive a certain them/time. Plug it in, add an aerial, load it up and go. No coils or tuning units to track down or swap. No gassy 250THs with brittle filaments to deal with (I've yet to have a 4-400 crap out or be bad out of the box).

> Here ends the LESSON!
>

Well, you've got far more experience with the BC-610 than I have Jim, and I understand your affection for it. You provided me with assistance through tips and information when I had my E model. But from my original comments on technical and utility aspect, and also based on today's usage (hams using complete systems vs. stand alone transmitters), I stand by what I said. I've had both, the BC-610E is gone and the T-368D remains. I wouldn't get another 610 as the T-368 runs circles around it for amateur use. However, I might entertain a pre-war HT-4 at some point for exactly what it is: a 1930s style, plug-in coil transmitter whose looks and design provide an opportunity to enjoy a different kind of experience from the days before band switching as we now know and enjoy it.

They're two different transmitters, built at different times. One came from a civilian equivalent to fill a wartime need and the other was a purpose-built military transmitter (which at least explains the difference in overall looks). Whatever you've got, use it and enjoy it. 'Best' is what you make it, and having it on the air trumps most everything else.

~ Todd, KA1KAQ/4

[Non-text portions of this message have been removed]

# 4360. 53

Yahoo group: T-368_BC-610
Date: 2010-12-16 19:55:32 UTC
From: Alan Morriss
Topic: 4360  Message: 4360

you are right about the 53 it is easy to work on. all connectors plug in at the front, and the 3 units slide out easily .you need help with the power one though ! the power output is lower, at 350 w cw and 250 phone. it uses a pair of 813s. the audio quality is up to broadcast standards, as part of the spec was to act as a local radio station after the invasion. however, the BC610 has beautiful audio, and using triodes must contribute to this. as was said, they are different , and the charm of the BC610 is the pre war aura. alan

[Non-text portions of this message have been removed]

# 4361. Re: [T-368_BC-610] Re: BC-610 Serial number locations?

Yahoo group: T-368_BC-610
Date: 2010-12-16 23:55:32 UTC
From: Dave Mayfield W9WRL
Topic: 4334  Message: 4361

Good question.

I've never owned one but I do own a T-368, and I can tell you it's built like a tank, it's fully band switching, the BC-610 is not, that seems to be a big draw back. i would not mind owning a BC-610, but I would not trade my T-3 for one. Wikipedia says that the BC-610 is "Self Powered" I guess it had a small Nuclear reactor inside, or perhaps a Ion drive.

http://en.wikipedia.org/wiki/BC-610

Dave W9WRL
http://3885am.com

radiokid@... wrote:
>
> <<<73`s and the 610 is a better xmitter then the T-368...IMHO...>>>
>
> Why is the BC610 the better transmitter?
>
> 73's
>
> Peter DK6KT
>
> --- In T-368_BC-610@yahoogroups.com
> <mailto:T-368_BC-610%40yahoogroups.com>, MOGGY2@... wrote:
> >
> > Seasons greetings to all.
> >
> > While a S/Sgt at a stateside base , i was directed by a punk Lt. to
> change
> > a pair BC-610s around, from one GRC-26/X vans to another, cause by
> serial
> > number they were in the wrong vans. On shift with one other person ,
> and he
> > wanted the two of us to move two xmitters, about 20 ft. by the end
> of the
> > shift ! he ( the Lt. ) showed up about two hours later,
> > checked serial no`s, said nothing, nodded his head and left the
> scene of
> > the crime.
> >
> > Yes, i changed tags ! one said bc-610 I , and the other said T-213...
> > always wondered if these two xmitters made it to the ham scene,and
> if they
> > caused anyone grief?
> >

> > 73`s and the 610 is a better xmitter then the T-368...IMHO...
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>

# 4362. Re: [T-368_BC-610] Re: BC-610 Serial number locations?

Yahoo group: T-368_BC-610
Date: 2010-12-17 00:07:40 UTC
From: rbethman
Topic: 4334  Message: 4362

Dave,

That is one of the "flaws" that turns up in "Wikipedia" from time to time.

The "only" method of self powered, was the PE-95 generator set, 10 KW,
was "part" of the entire "system" as first issued and shipped.

Bob - N0DGN

On 12/16/2010 6:55 PM, Dave Mayfield W9WRL wrote:
> Good question.
>
> I've never owned one but I do own a T-368, and I can tell you it's built
> like a tank, it's fully band switching, the BC-610 is not, that seems to
> be a big draw back. i would not mind owning a BC-610, but I would not
> trade my T-3 for one. Wikipedia says that the BC-610 is "Self Powered" I
> guess it had a small Nuclear reactor inside, or perhaps a Ion drive.
>
> http://en.wikipedia.org/wiki/BC-610
>
> Dave W9WRL
> http://3885am.com

# 4363. Re: [T-368_BC-610] Re: BC-610 Serial number locations?

Yahoo group: T-368_BC-610
Date: 2010-12-17 01:26:27 UTC
From: Joe Foley
Topic: 4334  Message: 4363

Can I guess that that SHOULD have been "high-powered" and not "self-powered"?

Joe

--- On Thu, 12/16/10, rbethman <rbethman@...> wrote:

From: rbethman <rbethman@...>
Subject: Re: [T-368_BC-610] Re: BC-610 Serial number locations?
To: T-368_BC-610@yahoogroups.com
Cc: "Dave Mayfield W9WRL" <wrl@...>
Date: Thursday, December 16, 2010, 7:07 PM

Dave,

That is one of the "flaws" that turns up in "Wikipedia" from time to time.

The "only" method of self powered, was the PE-95 generator set, 10 KW,

was "part" of the entire "system" as first issued and shipped.

Bob - N0DGN

On 12/16/2010 6:55 PM, Dave Mayfield W9WRL wrote:

> Good question.

>

> I've never owned one but I do own a T-368, and I can tell you it's built

> like a tank, it's fully band switching, the BC-610 is not, that seems to

> be a big draw back. i would not mind owning a BC-610, but I would not

> trade my T-3 for one. Wikipedia says that the BC-610 is "Self Powered" I

> guess it had a small Nuclear reactor inside, or perhaps a Ion drive.

>

> http://en.wikipedia.org/wiki/BC-610

>

> Dave W9WRL

> http://3885am.com

[Non-text portions of this message have been removed]

# 4364. Re: [T-368_BC-610] Re: BC-610 Serial number locations?

Yahoo group: T-368_BC-610
Date: 2010-12-17 03:02:16 UTC
From: wa5cab@cs.com
Topic: 4334  Message: 4364

No. SCR-399/499, as well as the later AN/GRC-26 and most of the large Navy shipboard transmitters of the WW-II and Korean War periods were considered medium power. Roughly anything between 100 and 1000 Watts. AN/MRC-2, which used a BC-610 as an exciter, was considered high power.

In a message dated 12/16/2010 7:26:36 PM Central Standard Time,
redmenaced@... writes:
> Can I guess that that SHOULD have been "high-powered" and not
> "self-powered"?
>
> Joe
>
> --- On Thu, 12/16/10, rbethman <rbethman@...> wrote:
>
> From: rbethman <rbethman@...>
> Subject: Re: [T-368_BC-610] Re: BC-610 Serial number locations?
> To: T-368_BC-610@yahoogroups.com
> Cc: "Dave Mayfield W9WRL" <wrl@...>
> Date: Thursday, December 16, 2010, 7:07 PM
>
> Dave,
>
> That is one of the "flaws" that turns up in "Wikipedia" from time to time.
>
> The "only" method of self powered, was the PE-95 generator set, 10 KW,
> was "part" of the entire "system" as first issued and shipped.
> Bob - N0DGN
>
> On 12/16/2010 6:55 PM, Dave Mayfield W9WRL wrote:
>
> >Good question.
> >I've never owned one but I do own a T-368, and I can tell you it's built
> >like a tank, it's fully band switching, the BC-610 is not, that seems to
> >be a big draw back. i would not mind owning a BC-610, but I would not
> >trade my T-3 for one. Wikipedia says that the BC-610 is "Self Powered" I
> >guess it had a small Nuclear reactor inside, or perhaps a Ion drive.
> >
> >http://en.wikipedia.org/wiki/BC-610
>
> >
>
> >Dave W9WRL
>
> >http://3885am.com
>

>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4365. Re: [T-368_BC-610] Re: BC-610 Serial number locations?

Yahoo group: T-368_BC-610
Date: 2010-12-17 18:40:49 UTC
From: Mark Foltarz
Topic: 4334  Message: 4365

Group,

I own a T368 F, BC610 E and a GPT 750

My experience is that the 610 E is it is the most relaible and easiest to use transmitter of the bunch.

I operate the 610 on 80 meters only and have ground my crystals for the three frequencies I use.

That transmitter is as relaible as a table lamp - and the 250th resembles one in operation.

I just make sure my bias on the modulators is @ 40 MA. That old rheostat like to wander.

Have not replaced any tubes in  a couple of years and they were used to begin with. Have enough to last probably last two life times

RX I use with it is a NC200.

de KA4JVY

Mark

[Non-text portions of this message have been removed]

# 4366. Re: [T-368_BC-610] Re: BC-610 Serial number locations?

Yahoo group: T-368_BC-610
Date: 2010-12-17 20:04:31 UTC
From: James M. Walker
Topic: 4334  Message: 4366

Yes, seems real BC-610 owners/users like the '610 for ease of operation.
Hello to the Family there Buddy!
WB2FCN
Jim
If it Ain't broke, don't fix it!

----- Original Message -----
From: "Mark Foltarz" <Foltarz@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Friday, December 17, 2010 1:40 PM
Subject: Re: [T-368_BC-610] Re: BC-610 Serial number locations?

Group,

I own a T368 F, BC610 E and a GPT 750

My experience is that the 610 E is it is the most relaible and easiest to
use
transmitter of the bunch.

I operate the 610 on 80 meters only and have ground my crystals for the
three
frequencies I use.

That transmitter is as relaible as a table lamp - and the 250th resembles
one in
operation.

I just make sure my bias on the modulators is @ 40 MA. That old rheostat
like to
wander.

Have not replaced any tubes in a couple of years and they were used to begin
with. Have enough to last probably last two life times

RX I use with it is a NC200.

de KA4JVY

Mark

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

# 4367. 610

Yahoo group: T-368_BC-610
Date: 2010-12-17 20:15:09 UTC
From: Alan Morriss
Topic: 4367  Message: 4367

hello , i agree, the BC610 is one of the simplest transmitters to operate as long as you do it correctly. it is extremely forgiving. i ground the xtals to the frequencies i wanted . the vfo is not all that bad, and i operated on our cw frequency and although there was chirp reported, it was not considered objectionable. it does go better with an xtal though ! the break in makes for easy operating as well. truly "the voice of victory" alan

[Non-text portions of this message have been removed]

# 4368. RTTY with an HT-4 or BC-610, What Will I Need/Need to Do?

Yahoo group: T-368_BC-610
Date: 2010-12-21 14:08:17 UTC
From: bayonetdad
Topic: 4368  Message: 4368

Hi,

I am looking at diving into RTTY with a Model 15 TTY machine. Don't have it yet. If I want to TX on an HT-4 (BC-610) exactly what hardware will I need (military ok) to operate it? I know I need a converter of some kind, but how do you excite the TX in PSK? Guessing a TU unit modified or what? Cables of course.

Photos would help if you have any.

Can email me at my callsign+arrl.net or post on the board here.

Many TNX.

VY 73,

Greg
K6SRO

# 4369. Re: [T-368_BC-610] RTTY with an HT-4 or BC-610, What Will I Need/Need to Do?

Yahoo group: T-368_BC-610
Date: 2010-12-21 15:00:44 UTC
From: wa5cab@cs.com
Topic: 4368  Message: 4369

Greg,

To transmit with an HT-4, you will need an outboard FSK exciter. I suppose that one could modify HT-4 or BC-610 tuning units to do it but the frequency stability of them is not great and the tuning rate would make them quite "touchy". The FSK system that was built for the first model of the AN/GRC-26 was AN/TRA-7. The FSK exciter is O-39(*)/TRA-7. I've had a couple of them but not in many years. They are very roughly about the size of an R-390 and probably weigh a bit more. You can also take an outboard VFO and modify it for FSK. There was a simple circuit to do this that was once popular. Used a diode like a 1N914, a resistor, and a small trimmer capacitor. As best I can recall, that was all. Could be keyed from a Neutral loop.

I have a BC-221 mounted behind a 19" rack panel (it was acquired sans cabinet and calibration book) that has been so modified. It worked pretty well. Can't say quite as much for the buffer unit I built to go with it. The power supply was OK I guess but although I did it, I can't say I'm proud of it. Probably built around 1966, and I've learned quite a bit since then. :-) If anyone on the list wants the unit, it would be free for shipping.

The receiving converter was the CV-31/TRA-7, and was dual diversity (handles the output of two receivers). I have one that's available but it is easily twice the size of the O-39 and would probably only be of interest to someone trying to restore an AN/GRC-26. If you want to go tube type, there were several other military units built. AN/URA-6 is an IF type. AN/URA-8 is audio type. AN/URA-8A or B (no parts in common with AN/URA-8) is also audio. I have the components to assembly a complete AN/URA-6 (or maybe two) but only have one of the CV-60 audio converters. There were three or four others built in the 50's and early 60's. All pretty heavy (but then so is the HT-4). For solid state, aside from AN/URA-17, someone else will have to make suggestions. I have a Boehme Model 5C (built for ASA) that's available. Dual diversity audio with tunable Mark filter.

In a message dated 12/21/2010 8:08:34 AM Central Standard Time,
gregf@... writes:
> Hi,
>
> I am looking at diving into RTTY with a Model 15 TTY machine. Don't have
> it yet. If I want to TX on an HT-4 (BC-610) exactly what hardware will I
> need (military ok) to operate it? I know I need a converter of some kind, but
> how do you excite the TX in PSK? Guessing a TU unit modified or what?
> Cables of course.
>
> Photos would help if you have any.
>

> Can email me at my callsign+arrl.net or post on the board here.
>
> Many TNX.
>
> VY 73,
>
> Greg
> K6SRO
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4370. RE: [T-368_BC-610] RTTY with an HT-4 or BC-610, What Will I Need/Need to Do?

Yahoo group: T-368_BC-610
Date: 2010-12-21 15:05:19 UTC
From: Bry Carling
Topic: 4368  Message: 4370

You will need a 170 volt loop for the model 15. I used to run one from a omebrew interface and a little radio shack color computer in 1983. The TTY doubled as a printer for the computer!

-----Original Message-----
From: bayonetdad <gregf@...>
Sent: Tuesday, December 21, 2010 9:08 AM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] RTTY with an HT-4 or BC-610, What Will I Need/Need to Do?

Hi,

I am looking at diving into RTTY with a Model 15 TTY machine. Don't have it yet. If I want to TX on an HT-4 (BC-610) exactly what hardware will I need (military ok) to operate it? I know I need a converter of some kind, but how do you excite the TX in PSK? Guessing a TU unit modified or what? Cables of course.

Photos would help if you have any.

Can email me at my callsign+arrl.net or post on the board here.

Many TNX.

VY 73,

Greg
K6SRO

---

Yahoo! Groups Links

# 4371. Re: [T-368_BC-610] RTTY with an HT-4 or BC-610, What Will I Need/Need to Do?

Yahoo group: T-368_BC-610
Date: 2010-12-21 16:00:16 UTC
From: James M. Walker
Topic: 4368  Message: 4371

First take a look at this, ask more questions, after that, so send the questions along to me. http://eshop1.chem.buffalo.edu/BC-610-I.html

Jim
WB2FCN/WD2XSH-22
http://eshop1,chem.buffalo.edu

----- Original Message -----
From: "bayonetdad" <gregf@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Tuesday, December 21, 2010 9:08 AM
Subject: [T-368_BC-610] RTTY with an HT-4 or BC-610, What Will I Need/Need to Do?

> Hi,
>
> I am looking at diving into RTTY with a Model 15 TTY machine. Don't have
> it yet. If I want to TX on an HT-4 (BC-610) exactly what hardware will I
> need (military ok) to operate it? I know I need a converter of some kind,
> but how do you excite the TX in PSK? Guessing a TU unit modified or what?
> Cables of course.
>
> Photos would help if you have any.
>
> Can email me at my callsign+arrl.net or post on the board here.
>
> Many TNX.
>
> VY 73,
>
> Greg
> K6SRO
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> Yahoo! Groups Links
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# 4372. Re: [T-368_BC-610] RTTY with an HT-4 or BC-610, What Will I Need/Need to Do?

Yahoo group: T-368_BC-610
Date: 2010-12-22 11:36:01 UTC
From: Dave Mayfield W9WRL
Topic: 4368  Message: 4372

Greg, if you are not aware of the Greenkeys group, you need to join it.
These guys are all about tty with vintage equipment.

http://www.rtty.com/greenkeys.htm

Dave W9WRL 3885am.com

bayonetdad wrote:
>
> Hi,
>
> I am looking at diving into RTTY with a Model 15 TTY machine. Don't
> have it yet. If I want to TX on an HT-4 (BC-610) exactly what hardware
> will I need (military ok) to operate it? I know I need a converter of
> some kind, but how do you excite the TX in PSK? Guessing a TU unit
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> Photos would help if you have any.
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>
> Many TNX.
>
> VY 73,
>
> Greg
> K6SRO
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>

# 4373. Christmas Wishes

Yahoo group: T-368_BC-610
Date: 2010-12-22 16:24:29 UTC
From: rbethman
Topic: 4373  Message: 4373

To one and all!

Merry Christmas and a Happy New Year!

May all of your real wishes come to be. Take care and best of health.

<This early message is being sent due to weekend work requirements.
(Work is at a Hospital. They NEVER close and are OPEN 24/7 for 365 days
of the year.)

This year is our year "in the barrel"!

Bob, Nancy, Tanya, (Daughter), and Arwynn, (Granddaughter)

Bethman Crew Home of N0DGN

# 4374. Re: [T-368_BC-610] RTTY with an HT-4 or BC-610, What Will I Need/Need to Do?

Yahoo group: T-368_BC-610
Date: 2010-12-22 21:11:21 UTC
From: James M. Walker
Topic: 4368  Message: 4374

I got no response, so here goes,,,,
I operate my BC-610 transmitter on RTTY, I use a BC-610(E) same as your HT-4 pretty much, for the FSK input I have the O-39 FSK exciter (Heavy) the output of
which goes to the proper tuning unit for the band in operation, 80-20 meters, the O-39
plugs into the XTAL socket on the proper tuning unit. I put my Model 15 TTY into the
O-39 and in the STANDBY position of the transmitter, I zero the MARK frequency of
the folks I am talking with. Then it is just a matter of doing the TR thing, I usea Johnson
TR-Switch with my BC-610{s}so when I go into xmit mode the antenna is switched by the
rf coming from the BC-610. My receiver for RTTY is the R-390A and a CV-116 converter
along with a switch to toggle between the teletype machines. Hope that helps
and Merry Christmas!
Jim
WB2FCN

----- Original Message -----
From: "bayonetdad" <gregf@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Tuesday, December 21, 2010 9:08 AM
Subject: [T-368_BC-610] RTTY with an HT-4 or BC-610, What Will I Need/Need to Do?

> Hi,
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> Photos would help if you have any.
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> Can email me at my callsign+arrl.net or post on the board here.
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> Many TNX.
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> Greg
> K6SRO
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# 4375. RE: [T-368_BC-610] RTTY with an HT-4 or BC-610, What Will I Need/Need to Do?

Yahoo group: T-368_BC-610
Date: 2010-12-22 22:47:54 UTC
From: boatanchor@martasystems.com
Topic: 4368  Message: 4375

Jim & Greg -

Thanks for the good info, I'm working on doing the same thing with my BC-610-H. I'll be using a Northern Radio Co. 105 FSK keyer, and have also planned on using the XTAL socket on the plugin. I've got lots of options for receive, many TUs, and will probably try all of them. As for machines, have 14-15-19-26-28 and Kleinschmidts, and I intend to try them all.

If you find one, another alternative to the O-39 is a FSK keyer made by TMC (can't remember model number), same 50's vintage as the NRC units. NRC units show up occasionally on Ebay.

Pictures of my BC-610 and RTTY gear on my personal website http://www.longandflatsociety.com in the boatanchors section.

Merry Christmas!
john wb6azp
Military Radio Collectors Group
http://www.mrcgwest.org

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]On Behalf Of James M. Walker
Sent: Wednesday, December 22, 2010 21:11
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] RTTY with an HT-4 or BC-610, What Will I Need/Need to Do?

I got no response, so here goes,,,,
I operate my BC-610 transmitter on RTTY, I use a BC-610(E) same as your HT-4
pretty much, for the FSK input I have the O-39 FSK exciter (Heavy) the output of
which goes to the proper tuning unit for the band in operation, 80-20 meters, the O-39
plugs into the XTAL socket on the proper tuning unit. I put my Model 15 TTY
into the
O-39 and in the STANDBY position of the transmitter, I zero the MARK frequency of
the folks I am talking with. Then it is just a matter of doing the TR thing,
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TR-Switch with my BC-610{s}so when I go into xmit mode the antenna is switched by the

rf coming from the BC-610. My receiver for RTTY is the R-390A and a CV-116 converter
along with a switch to toggle between the teletype machines. Hope that helps
and Merry Christmas!
Jim
WB2FCN

----- Original Message -----
From: "bayonetdad" <gregf@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Tuesday, December 21, 2010 9:08 AM
Subject: [T-368_BC-610] RTTY with an HT-4 or BC-610, What Will I Need/Need to Do?

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> it yet. If I want to TX on an HT-4 (BC-610) exactly what hardware will I
> need (military ok) to operate it? I know I need a converter of some kind,
> but how do you excite the TX in PSK? Guessing a TU unit modified or what?
> Cables of course.
>
> Photos would help if you have any.
>
> Can email me at my callsign+arrl.net or post on the board here.
>
> Many TNX.
>
> VY 73,
>
> Greg
> K6SRO
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> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

# 4376. RE: [T-368_BC-610] tx

Yahoo group: T-368_BC-610
Date: 2010-12-16 17:51:39 UTC
From: Tom Mackie
Topic: 4355  Message: 4376

Hello all,

The message I take away from this thread is that we must all make an effort to have multiple large transmitters and use them as often as possible.

Get on the air this weekend for Heavy Metal.

73

Tom

W2ILA

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
On Behalf Of James M. Walker
Sent: Thursday, December 16, 2010 12:35 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] tx

Hello again,
Folks are comapring apples and oranges. Neither transmitter was designed for
Broadcast quality, but for COMMUNICATIONS QUALITY which is MORE important in battlefield usage. If you want "Broadcast Quality" buy a BROADCAST Transmitter!

As for the BAND CHANGE ISSUE, The efficency of the BC-610 is proved out by
the POWER OUTPUT of the unit, a coil set optimized for a segment will always
be more
efficient than a Multi-band switch-able section, Tuning across several bands
takes a little longer
but the efficiency is there as the power levels can be optimized for the

segment of the bands you are using!
ENUFF SAID!

Jim
WB2FCN
"Real Radios weigh 450 pounds, and need a truck to movethem"!

----- Original Message -----
From: "Alan Morriss" <mohawk@... <mailto:mohawk%40clara.co.uk> >
To: <T-368_BC-610@yahoogroups.com
<mailto:T-368_BC-610%40yahoogroups.com> >

Sent: Thursday, December 16, 2010 12:16 PM
Subject: [T-368_BC-610] tx

> hello guys, the british army developed the Wireless Sender no. 53 to
> replace the BC610 . like the T369 is much better, band changing is
easy,
> it has a stable and accurately calibrated vfo, and the PA and ant.
loading
> circuits are variable inductors. it also has an excellent internal
speech
> amplifier. i would not part with mine for any money. however, and this
is
> important, the BC610 has something. i love mine , and sitting in the
> shelter operating it brings a tremendous satisfaction. i wonder what
> anxious traffic was passed through it during the ardennes offensive.
apart
> from anything else, it looks like part of a flash gordon set ! alan
g4gen
>
> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

# 4377. Re: RTTY with an HT-4 or BC-610, What Will I Need/Need to Do?

Yahoo group: T-368_BC-610
Date: 2010-12-23 03:57:20 UTC
From: bayonetdad
Topic: 4368  Message: 4377

Jim, John and All

I cannot thank you enough for the info, pointers, photos and all. Now am digesting all your inputs and thinking ahead to making a few purchases, trades, and some homebrewing.

Merry Christmas to everyone!

Greg
K6SRO

--- In T-368_BC-610@yahoogroups.com, <boatanchor@...> wrote:
>
> Jim & Greg -
>
> Thanks for the good info, I'm working on doing the same thing with my
> BC-610-H. I'll be using a Northern Radio Co. 105 FSK keyer, and have also
> planned on using the XTAL socket on the plugin. I've got lots of options for
> receive, many TUs, and will probably try all of them. As for machines, have
> 14-15-19-26-28 and Kleinschmidts, and I intend to try them all.
>
> If you find one, another alternative to the O-39 is a FSK keyer made by TMC
> (can't remember model number), same 50's vintage as the NRC units. NRC units
> show up occasionally on Ebay.
>
> Pictures of my BC-610 and RTTY gear on my personal website
> http://www.longandflatsociety.com in the boatanchors section.
>
> Merry Christmas!
> john wb6azp
> Military Radio Collectors Group
> http://www.mrcgwest.org
>
>
>
>
> -----Original Message-----
> From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]On
> Behalf Of James M. Walker
> Sent: Wednesday, December 22, 2010 21:11
> To: T-368_BC-610@yahoogroups.com
> Subject: Re: [T-368_BC-610] RTTY with an HT-4 or BC-610, What Will I
> Need/Need to Do?
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>
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> I got no response, so here goes,,,,

> I operate my BC-610 transmitter on RTTY, I use a BC-610(E) same as your
> HT-4
> pretty much, for the FSK input I have the O-39 FSK exciter (Heavy) the
> output of
> which goes to the proper tuning unit for the band in operation, 80-20
> meters, the O-39
> plugs into the XTAL socket on the proper tuning unit. I put my Model 15
> TTY
> into the
> O-39 and in the STANDBY position of the transmitter, I zero the MARK
> frequency of
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> thing,
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> switched by the
> rf coming from the BC-610. My receiver for RTTY is the R-390A and a CV-116
> converter
> along with a switch to toggle between the teletype machines. Hope that
> helps
> and Merry Christmas!
> Jim
> WB2FCN
>
> ----- Original Message -----
> From: "bayonetdad" <gregf@...>
> To: <T-368_BC-610@yahoogroups.com>
> Sent: Tuesday, December 21, 2010 9:08 AM
> Subject: [T-368_BC-610] RTTY with an HT-4 or BC-610, What Will I Need/Need
> to Do?
>
> > Hi,
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> > Cables of course.
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> > Photos would help if you have any.
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> > Can email me at my callsign+arrl.net or post on the board here.
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> > Many TNX.
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> > VY 73,
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> > Greg

> > K6SRO
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> [Non-text portions of this message have been removed]
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# 4378. FS: Group of Rotary Switches

Yahoo group: T-368_BC-610
Date: 2011-01-07 19:11:09 UTC
From: Bry Carling
Topic: 4378  Message: 4378

FOR SALE:

Group 10 of Rotary Switches. This is a mix of medium power ceramic types, phenolic types etc. Everything from 3 - 12 positions. Most are new, and the rest are very clean. One or two have extra sets of contacts.

Will sell the group for $22.00 plus shipping.

Please reply off the list. 73 & thanks for reading - Bry, AF4K

[Non-text portions of this message have been removed]

# 4379. BC-610 mystery wires

Yahoo group: T-368_BC-610
Date: 2011-01-12 23:34:57 UTC
From: ed_dmnd
Topic: 4379  Message: 4379

Hello BC-610 group. A dumb question ..

My name is Roy, K7JAQ, and I volunteer with a small museum located at the Cut Bank Airport, Cut Bank, MT. The airport was home to a WWII training base for B-17 crews.

I'm in the process of restoring a BC-610-E, s/n 260 to be used at the club Ham Radio station (W7DPK) located at the museum. A previous "owner" partially disassembled the PA deck by removing all the wires from terminal strips TS-1 and TS-2 rather than unplugging the harness from SO-1 and SO-2. Why this was done, I have no idea.

Anyway, I have successfully reinstalled the wires on the terminal strips thanks to a October 1952 technical manual. However, I have one pair of wires that look like they are positioned to connect to one of the terminal strips, but I don't have any indication in my book where they should connect. They come from SW-3 which is the plate power switch, and they enter the harness close to where the pair of wires break out of the same harness to connect to the PA plate power meter. The rest of the harness terminates at SW-7, the cw/phone switch.

We are hopefully going to get the transmitter on the air in time for the next Veteran's Day and use it as a special events station. We have the BC-939A and two speech amplifiers that also need attention, but are in pretty good condition. There was very little damage to the 610 from rodents, etc., and I have replaced several of the electrolytics, done routine cleaning, worked on all of the relay contacts, cleaned the pots, and have done a close visual inspection on the entire chassis.

I hope someone can help me determine where these two "loose ends" connect. I can provide a photo if that would help clarify my question.

Thanks for your help in advance to help solve this dumb question!

# 4380. Re: [T-368_BC-610] BC-610 mystery wires

Yahoo group: T-368_BC-610
Date: 2011-01-13 00:28:09 UTC
From: John King
Topic: 4379  Message: 4380

Hello Roy and Happy New Year.

According to my BC 610E the two wires that are in their own laced bundle coming from the bundle where wires exit to the meter attach to terminals 1 and 3 of TS1. The colors of the two wires have changed over the last 65 years, but the colors and terminals are are as follow as best I can GUESS their color. The black appearing wire goes to terminal 1 of TS1 and the reddish looking wire goes to terminal 3 of TS1. Do your two wires appear to be that color? The two wires I am referring are laced together and are the only "two" wires laced together.

I went through the horror of having all of the wires off the terminal strips when I did the same thing that was done to the BC 610 E that you have.

I hope this helps you Roy. Let me know how you make out.

Hope winter in frozen Montana isn't too bad. It was 24 degrees F. here this morning and is supposed to be the same in the morning. I have the fire place loaded up and will stoke it again at bedtime to get us through the night. 73, John King, K5PGW

---

From: ed_dmnd <ed_dmnd@yahoo.com>
To: T-368_BC-610@yahoogroups.com
Sent: Wed, January 12, 2011 5:34:57 PM
Subject: [T-368_BC-610] BC-610 mystery wires

Hello BC-610 group. A dumb question…..

My name is Roy, K7JAQ, and I volunteer with a small museum located at the Cut Bank Airport, Cut Bank, MT. The airport was home to a WWII training base for B-17 crews.

I'm in the process of restoring a BC-610-E, s/n 260 to be used at the club Ham Radio station (W7DPK) located at the museum. A previous "owner" partially disassembled the PA deck by removing all the wires from terminal strips TS-1 and TS-2 rather than unplugging the harness from SO-1 and SO-2. Why this was done, I have no idea.

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I hope someone can help me determine where these two "loose ends" connect. I can provide a photo if that would help clarify my question.

Thanks for your help in advance to help solve this dumb question!

[Non-text portions of this message have been removed]

# 4381. T-368 J-14 AC Wiring Question

Yahoo group: T-368_BC-610
Date: 2011-01-13 15:09:23 UTC
From: Harold Hairston
Topic: 4381  Message: 4381

I had to disconnect the chassis AC wiring from J-14 to replace the caster wheel. I did not make a record of the wiring as I would go to the Schematic for rewiring. Well, my schematic is not clear on this wiring. There is a Green-Brown-White wire and a Green-Red-white wire coming from the harness. The Green-brown-White seems to be a bit larger than the Gn-Rd-Wh wire.The Gn-Rd-Wh wire is tagged with the number 16. J-14 is a Twist-Lock type Male receptacle. One blade is copper colored and the other two are brass looking. One of these is grounded to the chassis.Can some one advise me the correct wiring from the chassis to J-14? If I knew which terminal should receive the Hot ac wire, I think that I would be ok. Thanks, Harold

# 4382. T-368 AC Wiring-More Info

Yahoo group: T-368_BC-610
Date: 2011-01-13 16:12:54 UTC
From: Harold Hairston
Topic: 4382  Message: 4382

My T-368 is the (F) Model and J-13 is not wired. My schemetic would indicate that the wiring of the Neutral and the Hot AC wires doesn't matter???? Sorry. Harold

# 4383. Re: [T-368_BC-610] T-368 J-14 AC Wiring Question

Yahoo group: T-368_BC-610
Date: 2011-01-13 16:26:15 UTC
From: w5kgz@yahoo.com
Topic: 4381  Message: 4383

Harold I would put a ohn mtr to chassis and the other to one of the terminals of the twish lock connector . sounds crazy I am ask k5pgw I have three

?BC610 s  from the E mod to the H mod...The wire color is hard to see  due to the fungas varnish that was applied sixty years ago  Good luck Harold

W5KGZ
Perry W5KGZ  over 70 years

---

From: Harold Hairston <k4hca@windstream.net>
To: T-368_BC-610@yahoogroups.com
Sent: Thu, January 13, 2011 9:09:23 AM
Subject: [T-368_BC-610] T-368 J-14 AC Wiring Question

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Haroldal

[Non-text portions of this message have been removed]

# 4384. Re: [T-368_BC-610] BC-610 mystery wires

Yahoo group: T-368_BC-610
Date: 2011-01-13 16:35:06 UTC
From: w5kgz@yahoo.com
Topic: 4379  Message: 4384

Hi Ed Perry Here if you would take a ohm meter and check from chassis to either one of the leads ou have reference to you will
find that one will go to ground and the other to the cathode of the osc tube the 6v6 you will also find that if the two wires are not under the right terminals that you can not key the transmitters  osc. with the exciter switch in up position....

Perry w5kgz
good luck & 73s

---
From: ed_dmnd <ed_dmnd@...>
To: T-368_BC-610@yahoogroups.com
Sent: Wed, January 12, 2011 5:34:57 PM
Subject: [T-368_BC-610] BC-610 mystery wires

Hello BC-610 group. A dumb question…..

My name is Roy, K7JAQ, and I volunteer with a small museum located at the Cut Bank Airport, Cut Bank, MT. The airport was home to a WWII training base for B-17 crews.

I'm in the process of restoring a BC-610-E, s/n 260 to be used at the club Ham Radio station (W7DPK) located at the museum. A previous "owner" partially disassembled the PA deck by removing all the wires from terminal strips TS-1 and TS-2 rather than unplugging the harness from SO-1 and SO-2. Why this was done, I have no idea.

Anyway, I have successfully reinstalled the wires on the terminal strips thanks to a October 1952 technical manual. However, I have one pair of wires that look like they are positioned to connect to one of the terminal strips, but I don't have any indication in my book where they should connect. They come from SW-3 which is the plate power switch, and they enter the harness close to where the pair of wires break out of the same harness to connect to the PA plate power meter. The rest of the harness terminates at SW-7, the cw/phone switch.

We are hopefully going to get the transmitter on the air in time for the next Veteran's Day and use it as a special events station. We have the BC-939A and two speech amplifiers that also need attention, but are in pretty good condition. There was very little damage to the 610 from rodents, etc., and I have replaced several of the electrolytics, done routine cleaning, worked on all of the relay contacts, cleaned the pots, and have done a close visual inspection on the entire chassis.

I hope someone can help me determine where these two "loose ends" connect. I can provide a photo if that would help clarify my question.

Thanks for your help in advance to help solve this dumb question!

Hi Ed Perry here

[Non-text portions of this message have been removed]

# 4385. T-368 AC Wiring- CORRECTION

Yahoo group: T-368_BC-610
Date: 2011-01-13 19:34:56 UTC
From: Harold Hairston
Topic: 4385  Message: 4385

My T-368 is an (E) Model

# 4386. Dumb question answered

Yahoo group: T-368_BC-610
Date: 2011-01-13 21:37:05 UTC
From: ed_dmnd
Topic: 4386  Message: 4386

It didn't take long thanks to John K5PGW and Mark KA4JVY. The mystery of the loose wires is solved and I can move forward. Thanks guys, it sure works better than firing the 610 up and trying to find out what "doesn't work" with the wires disconnected! I'll keep you updated on the rebirth of the transmitter!

73, Roy, K7JAQ

# 4387. DZUS FASTENERS QUESTION

Yahoo group: T-368_BC-610
Date: 2011-01-19 17:46:58 UTC
From: Harold Hairston
Topic: 4387  Message: 4387

Has anyone had the occasion to locate a company that sells The DZUS Fasteners that we use with our T-368's? I have found a few on The WEB but they usually have them for their own uses. Seems Aircraft, Race Cars, etc are the premodominate users. I would appreciate any leads..

# 4388. RE: [T-368_BC-610] DZUS FASTENERS QUESTION

Yahoo group: T-368_BC-610
Date: 2011-01-19 18:14:55 UTC
From: boatanchor@martasystems.com
Topic: 4387  Message: 4388

Harold -

Try AircraftSpruce.com for starters...

john wb6azp

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]On Behalf Of Harold Hairston
Sent: Wednesday, January 19, 2011 17:47
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] DZUS FASTENERS QUESTION

Has anyone had the occasion to locate a company that sells The DZUS Fasteners that we use with our T-368's? I have found a few on The WEB but they usually have them for their own uses. Seems Aircraft, Race Cars, etc are the premodominate users. I would appreciate any leads..

[Non-text portions of this message have been removed]

# 4389. Re: [T-368_BC-610] DZUS FASTENERS QUESTION

Yahoo group: T-368_BC-610
Date: 2011-01-20 12:24:06 UTC
From: Harold Hairston
Topic: 4387  Message: 4389

John;

Thanks for the info on DZUS suppliers. There is some hope there.Yours was the only response (Over-time, I have been very disappointed with the lack of responses from the T-368/BC-610 List).

Harold

One of The Penalities of Not Participating in Politics is That You Will be Governed by Your Inferiors (Plato)
----- Original Message -----
From: boatanchor@...
To: T-368_BC-610@yahoogroups.com
Sent: Wednesday, January 19, 2011 1:14 Hank
Subject: RE: [T-368_BC-610] DZUS FASTENERS QUESTION

Harold -

Try AircraftSpruce.com for starters...

john wb6azp

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]On Behalf Of Harold Hairston
Sent: Wednesday, January 19, 2011 17:47
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] DZUS FASTENERS QUESTION

Has anyone had the occasion to locate a company that sells The DZUS Fasteners that we use with our T-368's? I have found a few on The WEB but they usually have them for their own uses. Seems Aircraft, Race Cars, etc are the premodominate users. I would appreciate any leads..

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4390. RE: Re: [T-368_BC-610] DZUS FASTENERS QUESTION

Yahoo group: T-368_BC-610
Date: 2011-01-20 12:51:49 UTC
From: Trevor
Topic: 4387  Message: 4390

Have you checked McMaster-Carr or Fastenal? Between the two they generally seem to have just
about every imaginable bit of hardware.

73
de
KD1YT

------- Original Message -------
From : Harold Hairston[mailto:k4hca@windstream.net]
Sent : 1/20/2011 7:24:06 AM
To : T-368_BC-610@yahoogroups.com
Cc :
Subject : RE: Re: [T-368_BC-610] DZUS FASTENERS QUESTION

John;

Thanks for the info on DZUS suppliers. There is some hope there.Yours was the only response (Over-time, I have been very disappointed with the lack of responses from the T-368/BC-610 List).

Harold

One of The Penalities of Not Participating in Politics is That You Will be Governed by Your Inferiors (Plato)

----- Original Message -----

From: boatanchor@...

To: T-368_BC-610@yahoogroups.com

Sent: Wednesday, January 19, 2011 1:14 Hank

Subject: RE: [T-368_BC-610] DZUS FASTENERS QUESTION

Harold -

Try AircraftSpruce.com for starters...

john wb6azp

-----Original Message-----

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]On

Behalf Of Harold Hairston

Sent: Wednesday, January 19, 2011 17:47

To: T-368_BC-610@yahoogroups.com

Subject: [T-368_BC-610] DZUS FASTENERS QUESTION

Has anyone had the occasion to locate a company that sells The DZUS Fasteners that we use with our T-368's? I have found a few on The WEB but they usually have them for their own uses. Seems Aircraft, Race Cars, etc are the premodominate users. I would appreciate any leads..

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4391. Re: Re: [T-368_BC-610] DZUS FASTENERS QUESTION

Yahoo group: T-368_BC-610
Date: 2011-01-20 13:27:57 UTC
From: Harold Hairston
Topic: 4387  Message: 4391

Hello, Trevor;

Thanks for taking the time to suggest web sites with DZUS Fastenere. Unfortunately, neither site has any DZUS Fasteners.

Harold

One of The Penalities of Not Participating in Politics is That You Will be Governed by Your Inferiors (Plato)
----- Original Message -----
From: Trevor
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, January 20, 2011 7:51 Hanks
Subject: RE: Re: [T-368_BC-610] DZUS FASTENERS QUESTION

Have you checked McMaster-Carr or Fastenal? Between the two they generally seem to have just
about every imaginable bit of hardware.

73
de
KD1YT

------- Original Message -------
From : Harold Hairston[mailto:k4hca@...]
Sent : 1/20/2011 7:24:06 AM
To : T-368_BC-610@yahoogroups.com
Cc :
Subject : RE: Re: [T-368_BC-610] DZUS FASTENERS QUESTION

John;

Thanks for the info on DZUS suppliers. There is some hope there.Yours was the only response (Over-time, I have been very disappointed with the lack of responses from the T-368/BC-610 List).

Harold

One of The Penalities of Not Participating in Politics is That You Will be Governed by Your Inferiors (Plato)

----- Original Message -----

From: boatanchor@...

To: T-368_BC-610@yahoogroups.com

Sent: Wednesday, January 19, 2011 1:14 Hank

Subject: RE: [T-368_BC-610] DZUS FASTENERS QUESTION

Harold -

Try AircraftSpruce.com for starters...

john wb6azp

-----Original Message-----

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]On

Behalf Of Harold Hairston

Sent: Wednesday, January 19, 2011 17:47

To: T-368_BC-610@yahoogroups.com

Subject: [T-368_BC-610] DZUS FASTENERS QUESTION

Has anyone had the occasion to locate a company that sells The DZUS

Fasteners that we use with our T-368's? I have found a few on The WEB but

they usually have them for their own uses. Seems Aircraft, Race Cars, etc

are the premodominate users. I would appreciate any leads..

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4392. Re: [T-368_BC-610] DZUS FASTENERS QUESTION

Yahoo group: T-368_BC-610
Date: 2011-01-20 15:28:03 UTC
From: rbethman
Topic: 4387  Message: 4392

It takes just a "little" hunting to locate DZUS fasteners on Aircraft
Spruce.

<http://www.aircraftspruce.com/menus/ha/fast.html>

Bob - N0DGN

On 1/20/2011 8:27 AM, Harold Hairston wrote:
>
> Hello, Trevor;
>
> Thanks for taking the time to suggest web sites with DZUS Fastenere.
> Unfortunately, neither site has any DZUS Fasteners.
>
> Harold
>
> One of The Penalities of Not Participating in Politics is That You
> Will be Governed by Your Inferiors (Plato)
> ----- Original Message -----
> From: Trevor
> To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> Sent: Thursday, January 20, 2011 7:51 Hanks
> Subject: RE: Re: [T-368_BC-610] DZUS FASTENERS QUESTION
>
> Have you checked McMaster-Carr or Fastenal? Between the two they
> generally seem to have just
> about every imaginable bit of hardware.
>
> 73
> de
> KD1YT
>
> ------- Original Message -------
> From : Harold Hairston[mailto:k4hca@...
> <mailto:k4hca%40windstream.net>]
> Sent : 1/20/2011 7:24:06 AM
> To : T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> Cc :
> Subject : RE: Re: [T-368_BC-610] DZUS FASTENERS QUESTION
>
> John;
>
> Thanks for the info on DZUS suppliers. There is some hope there.Yours
> was the only response
> (Over-time, I have been very disappointed with the lack of responses
> from the T-368/BC-610

> List).
>
> Harold
>
> One of The Penalities of Not Participating in Politics is That You
> Will be Governed by Your
> Inferiors (Plato)
>
> ----- Original Message -----
>
> From: boatanchor@... <mailto:boatanchor%40martasystems.com>
>
> To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
>
> Sent: Wednesday, January 19, 2011 1:14 Hank
>
> Subject: RE: [T-368_BC-610] DZUS FASTENERS QUESTION
>
> Harold -
>
> Try AircraftSpruce.com for starters...
>
> john wb6azp
>
> -----Original Message-----
>
> From: T-368_BC-610@yahoogroups.com
> <mailto:T-368_BC-610%40yahoogroups.com>
> [mailto:T-368_BC-610@yahoogroups.com
> <mailto:T-368_BC-610%40yahoogroups.com>]On
>
> Behalf Of Harold Hairston
>
> Sent: Wednesday, January 19, 2011 17:47
>
> To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
>
> Subject: [T-368_BC-610] DZUS FASTENERS QUESTION
>
> Has anyone had the occasion to locate a company that sells The DZUS
>
> Fasteners that we use with our T-368's? I have found a few on The WEB but
>
> they usually have them for their own uses. Seems Aircraft, Race Cars, etc
>
> are the premodominate users. I would appreciate any leads..
>
> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]

>
> [Non-text portions of this message have been removed]
>
>

--
+-----------------------------------------------------------------+
| AM Amateur Radio Operator NØDGN |
+-----------------------------------------------------------------+
| http://home.comcast.net/~rbethman/ |
+-----------------------------------------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| \\ ~ ~ // signal does *NOT* mean |
| rbethman@... (/ @ @ /) that everything is OK " |
+----------------------o00o---°(_)°---o00o-------------------------+

[Non-text portions of this message have been removed]

# 4393. Re: [T-368_BC-610] DZUS FASTENERS QUESTION

Yahoo group: T-368_BC-610
Date: 2011-01-20 15:57:26 UTC
From: wa5cab@cs.com
Topic: 4387  Message: 4393

Trevor,

In the McMaster catalog (on their web site) you won't find Dzus fasteners
by searching for Dzus. McMaster almost never shows the actual manufacturer's
name in their catalog. You have to search by generic description.
However, I just did that (quarter-turn fastener) and all I found was something
similar to the less common Dzus design (the one with the pin through the nose of
the screw). However, the one I found would not be intermatable with the
Dzus as it doesn't actually use a pin.

In a message dated 1/20/2011 7:28:17 AM Central Standard Time,
k4hca@... writes:
> Hello, Trevor;
>
> Thanks for taking the time to suggest web sites with DZUS Fastenere.
> Unfortunately, neither site has any DZUS Fasteners.
>
> Harold
>
> One of The Penalities of Not Participating in Politics is That You Will be
> Governed by Your Inferiors (Plato)
> ----- Original Message -----
> From: Trevor
> To: T-368_BC-610@yahoogroups.com
> Sent: Thursday, January 20, 2011 7:51 Hanks
> Subject: RE: Re: [T-368_BC-610] DZUS FASTENERS QUESTION
>
>
>
> Have you checked McMaster-Carr or Fastenal? Between the two they
> generally seem to have just
> about every imaginable bit of hardware.
>
> 73
> de
> KD1YT

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4394. RE: [T-368_BC-610] DZUS FASTENERS QUESTION

Yahoo group: T-368_BC-610
Date: 2011-01-20 17:21:43 UTC
From: boatanchor@martasystems.com
Topic: 4387  Message: 4394

Hi Harold -

The Dzus fasteners were used extensively on vintage aircraft. Ordering them them from Aircraft Spruce is the easy part... you will need special tools to install them. I got lucky, one of the guys at my airport had an entire set. You'll probably be able to track down what you need if you ask a vintage aircraft mechanic - that is, an old dude that fixes flyin' machines.

73's
john

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]On Behalf Of Harold Hairston
Sent: Thursday, January 20, 2011 12:24
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] DZUS FASTENERS QUESTION

John;

Thanks for the info on DZUS suppliers. There is some hope there.Yours was the only response (Over-time, I have been very disappointed with the lack of responses from the T-368/BC-610 List).

Harold

One of The Penalities of Not Participating in Politics is That You Will be Governed by Your Inferiors (Plato)
----- Original Message -----
From: boatanchor@...
To: T-368_BC-610@yahoogroups.com
Sent: Wednesday, January 19, 2011 1:14 Hank
Subject: RE: [T-368_BC-610] DZUS FASTENERS QUESTION

Harold -

Try AircraftSpruce.com for starters...

john wb6azp

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]On Behalf Of Harold Hairston
Sent: Wednesday, January 19, 2011 17:47
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] DZUS FASTENERS QUESTION

Has anyone had the occasion to locate a company that sells The DZUS Fasteners that we use with our T-368's? I have found a few on The WEB but they usually have them for their own uses. Seems Aircraft, Race Cars, etc are the premodominate users. I would appreciate any leads..

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[Non-text portions of this message have been removed]

# 4395. Re: [T-368_BC-610] DZUS FASTENERS QUESTION

Yahoo group: T-368_BC-610
Date: 2011-01-20 17:31:26 UTC
From: Harold Hairston
Topic: 4387  Message: 4395

John;

I was beginning to suspect that I would need special tools. I may know some one who is an aircraft mechanic. Otherwise, I think that the tools would be expensive.

Thanks again.

Harold

----- Original Message -----
From: boatanchor@...
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, January 20, 2011 12:21 Hank
Subject: RE: [T-368_BC-610] DZUS FASTENERS QUESTION

Hi Harold -

The Dzus fasteners were used extensively on vintage aircraft. Ordering them them from Aircraft Spruce is the easy part... you will need special tools to install them. I got lucky, one of the guys at my airport had an entire set. You'll probably be able to track down what you need if you ask a vintage aircraft mechanic - that is, an old dude that fixes flyin' machines.

73's
john

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]On Behalf Of Harold Hairston
Sent: Thursday, January 20, 2011 12:24
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] DZUS FASTENERS QUESTION

John;

Thanks for the info on DZUS suppliers. There is some hope there.Yours was the only response (Over-time, I have been very disappointed with the lack of responses from the T-368/BC-610 List).

Harold

One of The Penalities of Not Participating in Politics is That You Will be Governed by Your Inferiors (Plato)
----- Original Message -----
From: boatanchor@...
To: T-368_BC-610@yahoogroups.com
Sent: Wednesday, January 19, 2011 1:14 Hank
Subject: RE: [T-368_BC-610] DZUS FASTENERS QUESTION

Harold -

Try AircraftSpruce.com for starters...

john wb6azp

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]On Behalf Of Harold Hairston
Sent: Wednesday, January 19, 2011 17:47
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] DZUS FASTENERS QUESTION

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[Non-text portions of this message have been removed]

# 4396. Re: [T-368_BC-610] DZUS FASTENERS QUESTION

Yahoo group: T-368_BC-610
Date: 2011-01-20 17:27:31 UTC
From: Harold Hairston
Topic: 4387  Message: 4396

Bob;

I had found Aircraft Spruce. They may have the correct fastener or something that will work. I have sent them an inquiry. FYI, I am replacing the rear cover on the T-368 with a PlexiGlass one. I hope to use the existing female fastener on the chassis with a new male with longer male post. The PlexiGlas is 3/16' thick.

Harold

----- Original Message -----
From: rbethman
To: T-368_BC-610@yahoogroups.com
Cc: Harold Hairston
Sent: Thursday, January 20, 2011 10:28 Hanks
Subject: Re: [T-368_BC-610] DZUS FASTENERS QUESTION

It takes just a "little" hunting to locate DZUS fasteners on Aircraft Spruce.

<http://www.aircraftspruce.com/menus/ha/fast.html>

Bob - N0DGN

On 1/20/2011 8:27 AM, Harold Hairston wrote:

Hello, Trevor;

Thanks for taking the time to suggest web sites with DZUS Fastenere. Unfortunately, neither site has any DZUS Fasteners.

Harold

One of The Penalities of Not Participating in Politics is That You Will be Governed by Your Inferiors (Plato)
----- Original Message -----
From: Trevor
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, January 20, 2011 7:51 Hanks
Subject: RE: Re: [T-368_BC-610] DZUS FASTENERS QUESTION

Have you checked McMaster-Carr or Fastenal? Between the two they generally seem to have just
about every imaginable bit of hardware.

73
de
KD1YT

------- Original Message -------
From : Harold Hairston[mailto:k4hca@...]
Sent : 1/20/2011 7:24:06 AM
To : T-368_BC-610@yahoogroups.com
Cc :
Subject : RE: Re: [T-368_BC-610] DZUS FASTENERS QUESTION

John;

Thanks for the info on DZUS suppliers. There is some hope there.Yours was the only response (Over-time, I have been very disappointed with the lack of responses from the T-368/BC-610 List).

Harold

One of The Penalities of Not Participating in Politics is That You Will be Governed by Your Inferiors (Plato)

----- Original Message -----

From: boatanchor@...

To: T-368_BC-610@yahoogroups.com

Sent: Wednesday, January 19, 2011 1:14 Hank

Subject: RE: [T-368_BC-610] DZUS FASTENERS QUESTION

Harold -

Try AircraftSpruce.com for starters...

john wb6azp

-----Original Message-----

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]On

Behalf Of Harold Hairston

Sent: Wednesday, January 19, 2011 17:47

To: T-368_BC-610@yahoogroups.com

Subject: [T-368_BC-610] DZUS FASTENERS QUESTION

Has anyone had the occasion to locate a company that sells The DZUS

Fasteners that we use with our T-368's? I have found a few on The WEB but

they usually have them for their own uses. Seems Aircraft, Race Cars, etc

are the premodominate users. I would appreciate any leads..

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[Non-text portions of this message have been removed]

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+-----------------------------------------------------------------+
| AM Amateur Radio Operator NØDGN |
+-----------------------------------------------------------------+
| http://home.comcast.net/~rbethman/ |
+-----------------------------------------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| \\ ~ ~ // signal does *NOT* mean |
| rbethman@... (/ @ @ /) that everything is OK " |
+----------------------o00o---°(_)°---o00o-------------------------+
```

[Non-text portions of this message have been removed]

# 4397. Re: [T-368_BC-610] DZUS FASTENERS QUESTION

Yahoo group: T-368_BC-610
Date: 2011-01-20 20:51:32 UTC
From: rbethman
Topic: 4387  Message: 4397

Harold,

I have not owned a T-368, but do own a couple of BC-610s.

I absolutely would not replace the rear panel of a BC-610 with Acrylic.
That would turn an RF Field loose in the shack/den. The rear panel IS
the shield for the rear of the radio.

Perhaps the T-368 may have other shielding in place, I do not know.

Bob - N0DGN

On 1/20/2011 12:27 PM, Harold Hairston wrote:
>
> Bob;
>
> I had found Aircraft Spruce. They may have the correct fastener or
> something that will work. I have sent them an inquiry. FYI, I am
> replacing the rear cover on the T-368 with a PlexiGlass one. I hope to
> use the existing female fastener on the chassis with a new male with
> longer male post. The PlexiGlas is 3/16' thick.
>
> Harold
>
> ----- Original Message -----
> From: rbethman
> To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> Cc: Harold Hairston
> Sent: Thursday, January 20, 2011 10:28 Hanks
> Subject: Re: [T-368_BC-610] DZUS FASTENERS QUESTION
>
> It takes just a "little" hunting to locate DZUS fasteners on Aircraft
> Spruce.
>
> <http://www.aircraftspruce.com/menus/ha/fast.html>
>
> Bob - N0DGN
>
> On 1/20/2011 8:27 AM, Harold Hairston wrote:
>
> Hello, Trevor;
>
> Thanks for taking the time to suggest web sites with DZUS Fastenere.
> Unfortunately, neither site has any DZUS Fasteners.
>
> Harold

>

[Non-text portions of this message have been removed]

# 4398. Re: [T-368_BC-610] DZUS FASTENERS QUESTION

Yahoo group: T-368_BC-610
Date: 2011-01-20 23:01:15 UTC
From: mac
Topic: 4387  Message: 4398

No problem. I've been running my T-368 completely open on the back for years in several different shacks and shack arrangements. No difficulties encountered, RF, cooling or otherwise.

Dennis D. W7QHO
Glendale, CA

**********
On Jan 20, 2011, at 12:51 PM, rbethman wrote:

> I absolutely would not replace the rear panel of a BC-610 with
> Acrylic.
> That would turn an RF Field loose in the shack/den. The rear panel IS
> the shield for the rear of the radio.

# 4399. Re: [T-368_BC-610] DZUS FASTENERS QUESTION

Yahoo group: T-368_BC-610
Date: 2011-01-20 23:11:12 UTC
From: rbethman
Topic: 4387  Message: 4399

As I stated in the beginning of the message, I do not own, nor have owned a T-368.

The BC-610s/T-213s have NO shielding of the 250TH, nor ANY of the PA coil and tuning components,, *EXCEPT* for the rear panel. I DO know that this will dump RF into the shack if I were to run without.

Just a "possible" issue. Mac, if it doesn't bother anything with a T-368, have a ball!

Bob - N0DGN

On 1/20/2011 6:01 PM, mac wrote:
>
> No problem. I've been running my T-368 completely open on the back for
> years in several different shacks and shack arrangements. No
> difficulties encountered, RF, cooling or otherwise.
>
> Dennis D. W7QHO
> Glendale, CA
>
> **********
> On Jan 20, 2011, at 12:51 PM, rbethman wrote:
>
> > I absolutely would not replace the rear panel of a BC-610 with
> > Acrylic.
> > That would turn an RF Field loose in the shack/den. The rear panel IS
> > the shield for the rear of the radio.
>

[Non-text portions of this message have been removed]

# 4400. FS: PAIR OF 811A Tubes for $6.00

Yahoo group: T-368_BC-610
Date: 2011-01-22 19:44:36 UTC
From: Bry Carling
Topic: 4400  Message: 4400

For sale:

Two 811A Tubes for $6.00 total.

These are good looking used tubes, but don't look overheated
or anything. Great for tube homebrew. One is a nice RCA tube and
the other is a Sylvania, but they look the same inside. No boxes
but will pack them carefully for safe shipment.

"Why are these so inexpensive?" you may ask!

Well, the Sylvania one is missing the plate cap, and I don't have it.
Just the wire on top so you will need to connect to that, which is easy
enough.

I figured the RCA one is easily worth the $6 and the other is a freebie.

So - let me know ASAP if you'd like tyhese and they are all yours!

73 de AF4K - Bry

[Non-text portions of this message have been removed]

# 4401. BC-614E stumped

Yahoo group: T-368_BC-610
Date: 2011-01-23 22:35:15 UTC
From: David
Topic: 4401  Message: 4401

I am having a problem with getting my 614 up and going, this was in really poor condition so I replaced almost everything, shotgun method. My issue is no audio output, so in testing I have verified power supply is OK, Sidetone circuit works great. Checked resistances against the chart in the manual, verified my wiring twice against the schematic and still no go. If I inject my signal generator (~400Hz) at pin 3 of V102 I get output. I should mention I have the 500ohm load resistor at the socket and a speaker (8ohm) across the load resistor, also a scope but the speaker gives me instant info.
Moving back a stage if I clip to gain control side of C102 I also get output, but not as loud (I know that's subjective). clip to pin 6 of V101 I get nothing, other side of cap ok, so I replaced C102 with another one, orange drop .01/600V, still nothing.
If I inject the signal into the grid at pin 2 still nothing, which I would think is expected if injecting at 6 does not result in a signal.
So trace out my wiring again, I lifted the carbon mike pot at the c119 side to eleminate the cabon mike portion.
It seems to me like V101 may be bad, so try another one (I got several NOS) no help, and the hickock says all 3 I tried are good.

V101 checks
Fil at 7/8 and fil lights up
.6 volts at pin 3 - verified R106 is 4.7K
pins 1,4 and 5 are tied to ground (verified that ground is ground)
pin 6 has 66 volts (book says 50v, credit to higher line voltage)

Any ideas? Anyone? I am at a loss as to what to do next, this should be a simple exercise really, and for some reason I can't figure out what the issue is.

Dave, N8ZFM

# 4402. Re: [T-368_BC-610] BC-614E stumped

Yahoo group: T-368_BC-610
Date: 2011-01-24 00:33:09 UTC
From: wa5cab@cs.com
Topic: 4401  Message: 4402

Dave,

That is weird. Before I do any guessing, the 500 ohm resistor you say you have across pins 6 and 7 of the output octal connector is redundant. It's totally swamped by the 8 ohm speaker. This couldn't very well have anything to do with the dead front end but you should have a line to voice coil transformer connected there instead. If you have an LS-166 or LS-454 those would work fine.

Do you have an O'scope? If so I'd connect it to the lead from your signal generator (which I assume has a capacitor in it to keep DC out of the generator) and see what you get. Then connect the lead to V101 pin 6 and see what happens to the signal. I know that resistors don't normally fail shorted but check R107. Should be 100K. The fact that you said you seem to get weaker output with the signal generator connected to the grid side of C102 than you do with it connected to the plate of V102 could indicate that the plate of V101 is bypassed to ground for audio. That would be the case if R107 were zero to a few hundred ohms as C113 (8 ufd) would be across it to ground. That would also jive with the V101 plate voltage being a bit high.

In a message dated 1/23/2011 4:35:30 PM Central Standard Time,
dave@... writes:
> I am having a problem with getting my 614 up and going, this was in
> really poor condition so I replaced almost everything, shotgun method. My issue
> is no audio output, so in testing I have verified power supply is OK,
> Sidetone circuit works great. Checked resistances against the chart in the
> manual, verified my wiring twice against the schematic and still no go. If I
> inject my signal generator (~400Hz) at pin 3 of V102 I get output. I should
> mention I have the 500ohm load resistor at the socket and a speaker (8ohm)
> across the load resistor, also a scope but the speaker gives me instant info.
> Moving back a stage if I clip to gain control side of C102 I also get
> output, but not as loud (I know that's subjective). clip to pin 6 of V101 I get
> nothing, other side of cap ok, so I replaced C102 with another one, orange
> drop .01/600V, still nothing.
> If I inject the signal into the grid at pin 2 still nothing, which I would
> think is expected if injecting at 6 does not result in a signal.
> So trace out my wiring again, I lifted the carbon mike pot at the c119
> side to eleminate the cabon mike portion.
> It seems to me like V101 may be bad, so try another one (I got several
> NOS) no help, and the hickock says all 3 I tried are good.
>
> V101 checks
> Fil at 7/8 and fil lights up
> .6 volts at pin 3 - verified R106 is 4.7K
> pins 1,4 and 5 are tied to ground (verified that ground is ground)
> pin 6 has 66 volts (book says 50v, credit to higher line voltage)

>
> Any ideas? Anyone? I am at a loss as to what to do next, this should be a
> simple exercise really, and for some reason I can't figure out what the
> issue is.
>
>
> Dave, N8ZFM
>
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4403. RE: [T-368_BC-610] BC-614E stumped

Yahoo group: T-368_BC-610
Date: 2011-01-24 02:45:47 UTC
From: Dave Trainor
Topic: 4401  Message: 4403

Robert, thanks and I agree about the load resistor but I had it tacked into the octal connector as part of the "test and alignment" part of the manual and it gave me the leads to alligator clip the speaker, I just wanted to hear if there was a distorted signal since my scope was telling me there was not when I found injecting at C112 produced output (scope was right). So I still had it clipped on when I started back along the audio chain, working from output back. Originally I had the scope on the 500Ohm resistor when I 1st powered up and got excited that there was no smoke.

After reading what you say about R107 I went and checked real fast, 100.6K - C113 is a bit larger at 32uF as that size can (dual) fit the hole in the chassis, in fact C113/112/108 and 109 are all 32uF but that should not cause an issue I don't think. - Or at least that was my reasoning since it looked to me to be DC filtering.

Do you think that could be an issue?

When I check it seems to me that gain on V102 is also very low but figured I had best figure out the V101 issue first. Thinking, and waiting for your feedback, if it was the capacity of C112, since 113 is also 32uF that would have the same effect on V102. Still very much learning, I am a pro at network engineering in the computer field, ham radio is a hobby and analog is self taught, with the resultant gaps in knowledge.

Yes, I am feeding the signal thru a small mica cap to keep DC out of the generator.

With the signal fed in thru the dynamic mic connector, I see the signal on Pin 2 - nothing at all but DC on pin 6 - signal fed into pin 6 disappears on other side of c102 so having the plate of V101 bypassed for audio certainly seems to me to be the issue, but it's not complicated, from C113 to pin6 is just a single resistor and it's the correct value.

Something going up in smoke due to a silly wiring mistake would be much easier.....

I got the 610 putting out good clean 250W CW but I am better at circuit diagnostics than I am with CW so need to get the audio going to put it on the air, I also need to find out how stable the VFO is or else track down a 3895 rock.

73 - Dave

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
On Behalf Of wa5cab@...
Sent: Sunday, January 23, 2011 7:33 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] BC-614E stumped

Dave,

That is weird. Before I do any guessing, the 500 ohm resistor you say you
have across pins 6 and 7 of the output octal connector is redundant. It's
totally swamped by the 8 ohm speaker. This couldn't very well have anything
to do with the dead front end but you should have a line to voice coil
transformer connected there instead. If you have an LS-166 or LS-454 those would
work fine.

Do you have an O'scope? If so I'd connect it to the lead from your signal
generator (which I assume has a capacitor in it to keep DC out of the
generator) and see what you get. Then connect the lead to V101 pin 6 and see what
happens to the signal. I know that resistors don't normally fail shorted

but check R107. Should be 100K. The fact that you said you seem to get
weaker output with the signal generator connected to the grid side of C102 than
you do with it connected to the plate of V102 could indicate that the plate
of V101 is bypassed to ground for audio. That would be the case if R107
were zero to a few hundred ohms as C113 (8 ufd) would be across it to ground.
That would also jive with the V101 plate voltage being a bit high.

In a message dated 1/23/2011 4:35:30 PM Central Standard Time,
dave@... <mailto:dave%40n8zfm.com> writes:
> I am having a problem with getting my 614 up and going, this was in
> really poor condition so I replaced almost everything, shotgun method. My issue
> is no audio output, so in testing I have verified power supply is OK,
> Sidetone circuit works great. Checked resistances against the chart in the
> manual, verified my wiring twice against the schematic and still no go. If I
> inject my signal generator (~400Hz) at pin 3 of V102 I get output. I should
> mention I have the 500ohm load resistor at the socket and a speaker (8ohm)
> across the load resistor, also a scope but the speaker gives me instant info.

> Moving back a stage if I clip to gain control side of C102 I also get
> output, but not as loud (I know that's subjective). clip to pin 6 of
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> drop .01/600V, still nothing.
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> side to eleminate the cabon mike portion.
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> Any ideas? Anyone? I am at a loss as to what to do next, this should
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> simple exercise really, and for some reason I can't figure out what
the
> issue is.
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> Dave, N8ZFM
>
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4404. Re: [T-368_BC-610] BC-614E stumped

Yahoo group: T-368_BC-610
Date: 2011-01-24 03:14:49 UTC
From: wa5cab@cs.com
Topic: 4401  Message: 4404

Dave,

OK on the 500 (or 470) ohm resistor. It isn't hurting anything but it would be better if you had a matching transformer to the speaker. However, that couldn't be causing the problems around V101.

No, having the electroylitics as 32 ufd instead of 8 doesn't have anything to do with the problem.If anything, when you finally get the thing working it could be slightly quieter.

As R107 is OK and you do get some signal out when you drive V102 grid the problem would appear to center around pin 6 of V101. Disconnect everything from the BC-614 and pull V101. Hook the scope probe to the loose end of the blocking capacitor attached to the cable from the sig gen. Note the peak to peak amplitude (set the amplitude to some convenient amount). Touch the capacitor lead to V101 pin 6 and note the reading. You can calculate approximately what the drop should be from the schematic. If it doesn't drop more than it should, reinstall V101 and turn the BC-614 on. Make the test again (with no other changes).

In a message dated 1/23/2011 8:46:03 PM Central Standard Time,
dave@... writes:
> Robert, thanks and I agree about the load resistor but I had it tacked
> into the octal connector as part of the "test and alignment" part of the
> manual and it gave me the leads to alligator clip the speaker, I just
> wanted to hear if there was a distorted signal since my scope was
> telling me there was not when I found injecting at C112 produced output
> (scope was right). So I still had it clipped on when I started back
> along the audio chain, working from output back. Originally I had the
> scope on the 500Ohm resistor when I 1st powered up and got excited that
> there was no smoke.
>
>
>
> After reading what you say about R107 I went and checked real fast,
> 100.6K - C113 is a bit larger at 32uF as that size can (dual) fit the
> hole in the chassis, in fact C113/112/108 and 109 are all 32uF but that
> should not cause an issue I don't think. - Or at least that was my
> reasoning since it looked to me to be DC filtering.
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> Do you think that could be an issue?
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> When I check it seems to me that gain on V102 is also very low but
> figured I had best figure out the V101 issue first. Thinking, and
> waiting for your feedback, if it was the capacity of C112, since 113 is
> also 32uF that would have the same effect on V102. Still very much

> learning, I am a pro at network engineering in the computer field, ham
> radio is a hobby and analog is self taught, with the resultant gaps in
> knowledge.
>
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> Yes, I am feeding the signal thru a small mica cap to keep DC out of the
> generator.
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> With the signal fed in thru the dynamic mic connector, I see the signal
> on Pin 2 - nothing at all but DC on pin 6 - signal fed into pin 6
> disappears on other side of c102 so having the plate of V101 bypassed
> for audio certainly seems to me to be the issue, but it's not
> complicated, from C113 to pin6 is just a single resistor and it's the
> correct value.
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> Something going up in smoke due to a silly wiring mistake would be much
> easier.....
>
> I got the 610 putting out good clean 250W CW but I am better at circuit
> diagnostics than I am with CW so need to get the audio going to put it
> on the air, I also need to find out how stable the VFO is or else track
> down a 3895 rock.
>
>
>
> 73 - Dave
>
>
>
> From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
> On Behalf Of wa5cab@...
> Sent: Sunday, January 23, 2011 7:33 PM
> To: T-368_BC-610@yahoogroups.com
> Subject: Re: [T-368_BC-610] BC-614E stumped
>
>
>
>
>
>
>
> Dave,
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> That is weird. Before I do any guessing, the 500 ohm resistor you say
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> have across pins 6 and 7 of the output octal connector is redundant.
> It's
> totally swamped by the 8 ohm speaker. This couldn't very well have
> anything

> to do with the dead front end but you should have a line to voice coil
> transformer connected there instead. If you have an LS-166 or LS-454
> those would
> work fine.
>
> Do you have an O'scope? If so I'd connect it to the lead from your
> signal
> generator (which I assume has a capacitor in it to keep DC out of the
> generator) and see what you get. Then connect the lead to V101 pin 6 and
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> happens to the signal. I know that resistors don't normally fail shorted
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> but check R107. Should be 100K. The fact that you said you seem to get
> weaker output with the signal generator connected to the grid side of
> C102 than
> you do with it connected to the plate of V102 could indicate that the
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> of V101 is bypassed to ground for audio. That would be the case if R107
> were zero to a few hundred ohms as C113 (8 ufd) would be across it to
> ground.
> That would also jive with the V101 plate voltage being a bit high.
>
> In a message dated 1/23/2011 4:35:30 PM Central Standard Time,
> dave@... <mailto:dave%40n8zfm.com> writes:
> >I am having a problem with getting my 614 up and going, this was in
> >really poor condition so I replaced almost everything, shotgun method.
> My issue
> >is no audio output, so in testing I have verified power supply is OK,
> >Sidetone circuit works great. Checked resistances against the chart in
> the
> >manual, verified my wiring twice against the schematic and still no
> go. If I
> >inject my signal generator (~400Hz) at pin 3 of V102 I get output. I
> should
> >mention I have the 500ohm load resistor at the socket and a speaker
> (8ohm)
> >across the load resistor, also a scope but the speaker gives me
> instant info.
> >Moving back a stage if I clip to gain control side of C102 I also get
> >output, but not as loud (I know that's subjective). clip to pin 6 of
> V101 I get
> >nothing, other side of cap ok, so I replaced C102 with another one,
> orange
> >drop .01/600V, still nothing.
> >If I inject the signal into the grid at pin 2 still nothing, which I
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> >So trace out my wiring again, I lifted the carbon mike pot at the c119
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> >side to eleminate the cabon mike portion.

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> >NOS) no help, and the hickock says all 3 I tried are good.
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> >V101 checks
> >Fil at 7/8 and fil lights up
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> >pin 6 has 66 volts (book says 50v, credit to higher line voltage)
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> >Any ideas? Anyone? I am at a loss as to what to do next, this should
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> >issue is.
> >
> >
> >Dave, N8ZFM
> >
> >
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4405. RE: [T-368_BC-610] BC-614E stumped

Yahoo group: T-368_BC-610
Date: 2011-01-25 01:16:37 UTC
From: Dave Trainor
Topic: 4401  Message: 4405

Robert,

Got back to it this evening as soon as I got back home,
removed tube and same, so got the idea to disconnect the wire (rg174)
from R108 to the wiper of the gain control, wow tons of gain out of
V101, so I pulled out my 4 pieces of RG174 (just pulled all 4 as I had
them cabled together all nice and neat) and am going to replace them, my
signal was being swamped either in the wire, or at R111, I am guessing
the wire as now that its back being disconnected except to ground, R111
looks fine on the ohmmeter.

Let you know how it goes, I think I may have finally got to the answer
with your help!

73 - Dave

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
On Behalf Of wa5cab@...
Sent: Sunday, January 23, 2011 10:15 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] BC-614E stumped

Dave,

OK on the 500 (or 470) ohm resistor. It isn't hurting anything but it
would be better if you had a matching transformer to the speaker.
However, that
couldn't be causing the problems around V101.

No, having the electroylitics as 32 ufd instead of 8 doesn't have
anything
to do with the problem.If anything, when you finally get the thing
working
it could be slightly quieter.

As R107 is OK and you do get some signal out when you drive V102 grid
the
problem would appear to center around pin 6 of V101. Disconnect
everything
from the BC-614 and pull V101. Hook the scope probe to the loose end of
the
blocking capacitor attached to the cable from the sig gen. Note the peak
to
peak amplitude (set the amplitude to some convenient amount). Touch the
capacitor lead to V101 pin 6 and note the reading. You can calculate
approximately what the drop should be from the schematic. If it doesn't
drop more

than it should, reinstall V101 and turn the BC-614 on. Make the test
again
(with no other changes).

[Non-text portions of this message have been removed]

# 4406. Re: [T-368_BC-610] BC-614E stumped

Yahoo group: T-368_BC-610
Date: 2011-01-25 04:24:43 UTC
From: wa5cab@cs.com
Topic: 4401  Message: 4406

Dave,

The way I looked at it was to assume your comment about lower output being achieved on the grid side of V102 than on the plate was correct. That seemed to point to the left end of C102 (you connected the sig gen to the right side) going to ground for AC but not for DC.

However, your comment about RG-174 is confusing. There isn't any of it in a BC-614. And as it has a relatively high capacitance per foot, it would not be good to use in a high impedance audio circuit.

In a message dated 1/24/2011 7:16:48 PM Central Standard Time,
dave@... writes:
> Robert,
>
> Got back to it this evening as soon as I got back home,
> removed tube and same, so got the idea to disconnect the wire (rg174)
> from R108 to the wiper of the gain control, wow tons of gain out of
> V101, so I pulled out my 4 pieces of RG174 (just pulled all 4 as I had
> them cabled together all nice and neat) and am going to replace them, my
> signal was being swamped either in the wire, or at R111, I am guessing
> the wire as now that its back being disconnected except to ground, R111
> looks fine on the ohmmeter.
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> Let you know how it goes, I think I may have finally got to the answer
> with your help!
>
>
>
> 73 - Dave
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4407. RE: [T-368_BC-610] BC-614E stumped

Yahoo group: T-368_BC-610
Date: 2011-01-25 04:45:27 UTC
From: Dave Trainor
Topic: 4401  Message: 4407

Had not thought about that aspect of RG-174, called for shielded cable and it was thin and on hand. I just finished replacing with some mystery coax I have had for a couple years, looks to me to be for UFH or SHF as its teflon foam and silver braid, about the same size but unmarked, forgot I had that roll.

Just finished the replacement and I am getting a good signal out now. Too late here now to go on with the testing part of the manual, just shoot a signal in at the mic jack look at the output on the scope, was about 4V p-P on the output but I also looked like I had some hum on the signal, that fits with what I have heard but having some hum might be harder to eliminate but beats the heck out of no signal.

The coax I removed I did not find a short so it may have been capacitance, probably never be sure.

So learning - shielded wire is not all equal, and wire that I can run RF through is not necessarily good for audio.

The only original parts are the jacks and pots, and the iron. I replaced every part with a new component, and all new 16g teflon wire, I did the cabling just like the original but using nylon zip ties, no longer a collector item for sure, but one that I should be able to use on the air for a good while without worrying about repair other than a bad tube. (or so in theory).

I really appreciate your advice, was really frustrated and about to give up for a while.

Can I make a sched with you somewhere on 40 or 80 here when I get it all pieced together and a cobbled up jb70 (I don't have a jb70), am in Louisville, used to be in 8 lamd about 20-30 mi north and 80mi east, used to have really good 80 m skip to 5 land pretty much any evening. I am figuring a couple weeks at most to get er done.

73 - Dave N8ZFM

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
On Behalf Of wa5cab@...
Sent: Monday, January 24, 2011 11:25 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] BC-614E stumped

Dave,

The way I looked at it was to assume your comment about lower output being

achieved on the grid side of V102 than on the plate was correct. That seemed to point to the left end of C102 (you connected the sig gen to the right
side) going to ground for AC but not for DC.

However, your comment about RG-174 is confusing. There isn't any of it in
a BC-614. And as it has a relatively high capacitance per foot, it would

not be good to use in a high impedance audio circuit.

In a message dated 1/24/2011 7:16:48 PM Central Standard Time,
dave@... <mailto:dave%40n8zfm.com> writes:
> Robert,
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> Got back to it this evening as soon as I got back home,
> removed tube and same, so got the idea to disconnect the wire (rg174)
> from R108 to the wiper of the gain control, wow tons of gain out of
> V101, so I pulled out my 4 pieces of RG174 (just pulled all 4 as I had
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> signal was being swamped either in the wire, or at R111, I am guessing
> the wire as now that its back being disconnected except to ground, R111
> looks fine on the ohmmeter.
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> Let you know how it goes, I think I may have finally got to the answer
> with your help!
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> 73 - Dave
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4408. Re: [T-368_BC-610] BC-614E stumped

Yahoo group: T-368_BC-610
Date: 2011-01-25 05:04:30 UTC
From: wa5cab@cs.com
Topic: 4401  Message: 4408

Well, now that it's working and with almost all new components inside, It should work a long time.

The only antenna I currently still have up (a random length wire that has been up since the 70's and survived all hurricanes since Alicia) does very poorly in your direction at your range. I have several military antennas I've bought over the years but have never had time to put up.

Coaxial cable is generally not a good choice for high impedance audio circuits.

In a message dated 1/24/2011 10:45:38 PM Central Standard Time, dave@... writes:
> Had not thought about that aspect of RG-174, called for shielded cable
> and it was thin and on hand. I just finished replacing with some mystery
> coax I have had for a couple years, looks to me to be for UFH or SHF as
> its teflon foam and silver braid, about the same size but unmarked,
> forgot I had that roll.
>
> Just finished the replacement and I am getting a good signal out now.
> Too late here now to go on with the testing part of the manual, just
> shoot a signal in at the mic jack look at the output on the scope, was
> about 4V p-P on the output but I also looked like I had some hum on the
> signal, that fits with what I have heard but having some hum might be
> harder to eliminate but beats the heck out of no signal.
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> The coax I removed I did not find a short so it may have been
> capacitance, probably never be sure.
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> So learning - shielded wire is not all equal, and wire that I can run RF
> through is not necessarily good for audio.
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> The only original parts are the jacks and pots, and the iron. I
> replaced every part with a new component, and all new 16g teflon wire, I
> did the cabling just like the original but using nylon zip ties, no
> longer a collector item for sure, but one that I should be able to use
> on the air for a good while without worrying about repair other than a
> bad tube. (or so in theory).
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> I really appreciate your advice, was really frustrated and about to give
> up for a while.
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> Can I make a sched with you somewhere on 40 or 80 here when I get it all
> pieced together and a cobbled up jb70 (I don't have a jb70), am in
> Louisville, used to be in 8 lamd about 20-30 mi north and 80mi east,
> used to have really good 80 m skip to 5 land pretty much any evening. I
> am figuring a couple weeks at most to get er done.
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> 73 - Dave N8ZFM
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Robert & Susan Downs - Houston
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MVPA 9480

[Non-text portions of this message have been removed]

# 4409. BC-614 question

Yahoo group: T-368_BC-610
Date: 2011-01-25 19:50:20 UTC
From: rbethman
Topic: 4409  Message: 4409

Fwd from another list:

I remember reading an email or article a few years ago (maybe 2-4) concerning a simple cure for the typical hum in a BC-614. I searched the ER index to no avail. Does anyone remember this piece and where it might be?

Brian Harris, WA5UEK
phone 214-763-5977
emailcosmophone@...
websitewww.myhamshack.com/wa5uek

Bob - N0DGN

# 4410. 610_I silkscreen or decal

Yahoo group: T-368_BC-610
Date: 2011-01-25 23:03:43 UTC
From: Ed Zeranski
Topic: 4401  Message: 4410

I remember see a post or mention of someone who had
> a silkscreen set or did silkscreening for BC-610I
> transmitters. Does anyone have any info on that?
>
> Thanks!
>
> EdZ KG6UTS
> BC-610I
> AN/SRT-15A
>

[Non-text portions of this message have been removed]

# 4411. RE: [T-368_BC-610] 610_I silkscreen or decal

Yahoo group: T-368_BC-610
Date: 2011-01-25 23:06:50 UTC
From: Tom Mackie
Topic: 4401  Message: 4411

Try W3HM

Howard has ad quite a few silkscreens made. Possibly he has done the BC610

Tom

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Ed Zeranski
Sent: Tuesday, January 25, 2011 6:04 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] 610_I silkscreen or decal

I remember see a post or mention of someone who had
> a silkscreen set or did silkscreening for BC-610I
> transmitters. Does anyone have any info on that?
>
> Thanks!
>
> EdZ KG6UTS
> BC-610I
> AN/SRT-15A
>

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[Non-text portions of this message have been removed]

# 4412. REDUCED: USA Made Power Resistors

Yahoo group: T-368_BC-610
Date: 2011-01-26 12:55:53 UTC
From: Bry Carling
Topic: 4412  Message: 4412

FOR SALE: USA made Power Resistors

Suitable for bleeder resistors in HV power supplies, etc.
These are good quality, new old stock parts. QTY 1 each.

Now reduced - $6.00 to $18.00 each.

Picture and ordering page at:
http://www.af4k.com/resistors.htm

50,000 ohms at 100 watts
25,000 ohms w/slider at 100 watts
25,000 ohms at 100 watts
25,000 ohms at 75 watts
25,000 ohms at 50 watts
24,000 ohms at 72 watts
20,000 ohms at 100 watts
20,000 ohms at 50 watts
18,000 ohms at 86 watts
18,000 ohms at 55 watts
16,000 ohms at 50 watts
15,000 ohms at 120 watts
15,000 ohms at 72 watts
14,000 ohms at 50 watts (QTY 2)
12,000 ohms at 116 watts
12,000 ohms at 75 watts
12,000 ohms at 68 watts
12,000 ohms at 40 watts
12,000 ohms at 30 watts

Picture and ordering page at:
http://www.af4k.com/resistors.htm

[Non-text portions of this message have been removed]

# 4413. RE: [T-368_BC-610] 610_I silkscreen or decal

Yahoo group: T-368_BC-610
Date: 2011-01-26 17:32:33 UTC
From: boatanchor@martasystems.com
Topic: 4401  Message: 4413

Hi Ed -

That would be me, probably, I told you about it at MRCG a couple of years ago. I had to take the chassis and quite a few transformers down to bare metal during the restoration of my transmitter.

I had all the chassis replated at a shop in Burbank, then I made silkscreens for many of the power transformers and large capacitors and vinyl stencils for all of the lettering on all 3 chassis. Some good pictures before and after on my website http://www.longandflatsociety.com in the boatanchors section.

I still have the screens and I'd be happy to cut another set of vinyl you can use for stencils. I also have the Corel artwork files if you just need that. Let me know.

John wb6azp

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Ed Zeranski
Sent: Tuesday, January 25, 2011 11:04 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] 610_I silkscreen or decal

I remember see a post or mention of someone who had
> a silkscreen set or did silkscreening for BC-610I
> transmitters. Does anyone have any info on that?
>
> Thanks!
>
> EdZ KG6UTS
> BC-610I
> AN/SRT-15A
>

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[Non-text portions of this message have been removed]

# 4414. FS: Terminal Strips & homebrew parts

Yahoo group: T-368_BC-610
Date: 2011-01-27 12:45:35 UTC
From: Bry Carling
Topic: 4414  Message: 4414

FOR SALE:

Group of 20 good quality terminal boards - great for homebrew tube type amateur radio or audio construction projects. Hard to find, top quality phenolic, fibreglass and bakelite boards. For $12.00 plus shipping. (photo link below)

Group of Four variable capacitors - ceramic frame, USA made old stock caps, 100 pF, 80 pF, 30 pF etc. Total of 4 pieces for $20.00 plus shipping.

Bleeder resistors $6 - $18 each

Power Supply, 14.0 Volts DC at 4.5 Amps - $5.00

Heathkit HD-15 Phone Patch, like new - $15.00

Junk box of parts - may include caps, power supplies, tubes, resistors, plugs, adapters, crystals, variable capacitors, fuses, hardware etc. - two available for $15.00 plus shipping.

RF Chokes, 2 mH pi-wound types with axial leads - rated 50 mA Available for $2.00 each

RF Chokes, 1 mH pi-wound types with axial leads - rated 50 mA Available for $1.00 each

GROUP OF SIX panel mount fuse holders - traditional cartridge fuse sizes. Very standard for homebrewing and repairs. All for $6.00 plus shipping.

Pictures and details with ordering page, here:

http://www.af4k.com/miscpart.htm

73 - Brian, AF4K

[Non-text portions of this message have been removed]

# 4415. FS: T-368F in Southern California

Yahoo group: T-368_BC-610
Date: 2011-01-27 15:15:38 UTC
From: JeffK
Topic: 4415  Message: 4415

Hi All,

I have a T-368F in very nice condition for sale in So. Cal. I'd rather keep it but there's just no way to get it into the 2nd floor condo. It's currently residing in a 14-foot box truck with a lift gate, which is also for sale, and delivery is negotiable. You can come and see it in Torrance, if you'd like. Priced to move at $1000 for the transmitter, $3000 for the truck.

Jeff W6JK
w6jk@...

# 4416. RE: [T-368_BC-610] BC-614E stumped

Yahoo group: T-368_BC-610
Date: 2011-01-25 15:26:42 UTC
From: Dave Trainor
Topic: 4401  Message: 4416

Brian, That would be nice if you find it, now I have it working I do see some hum on the scope, hard to judge how bad the hum is but its for sure there. Simple fixes are best of all. I rebuilt the amp as close to the original as I could get including the same wiring scheme.

73 - Dave N8ZFM

---

From: Brian Harris [mailto:cosmophone@...]
Sent: Tue 1/25/2011 9:56 AM
To: Dave Trainor
Subject: Re: [T-368_BC-610] BC-614E stumped

Dave,

I searched the online Electric Radio index and can't find the article I told you about. The only other places I can think I might have read it are in QST or on the boatanchors reflector. The archives of that reflector are available but are a bitch to search as you have to download each month's worth in a compressed file, then expand it and use your computer to search. I have no idea what month/year this article was in but I will try to find out.

The hum fix was extremely simple. If we're lucky, I might have printed the email and stuffed it in my BC-610 file. I will check that today.

Later,

Brian Harris, WA5UEK
phone 214-763-5977
email cosmophone@...
website www.myhamshack.com/wa5uek

When they call the roll in the Senate, the Senators do not know whether to answer "present" or "not guilty." Theodore Roosevelt

---

From: Dave Trainor <dave@...>
To: T-368_BC-610@yahoogroups.com
Sent: Mon, January 24, 2011 10:45:27 PM
Subject: RE: [T-368_BC-610] BC-614E stumped

Had not thought about that aspect of RG-174, called for shielded cable
and it was thin and on hand. I just finished replacing with some mystery
coax I have had for a couple years, looks to me to be for UFH or SHF as
its teflon foam and silver braid, about the same size but unmarked,
forgot I had that roll.

Just finished the replacement and I am getting a good signal out now. Too late here now to go on with the testing part of the manual, just shoot a signal in at the mic jack look at the output on the scope, was about 4V p-P on the output but I also looked like I had some hum on the signal, that fits with what I have heard but having some hum might be harder to eliminate but beats the heck out of no signal.

The coax I removed I did not find a short so it may have been capacitance, probably never be sure.

So learning - shielded wire is not all equal, and wire that I can run RF through is not necessarily good for audio.

The only original parts are the jacks and pots, and the iron. I replaced every part with a new component, and all new 16g teflon wire, I did the cabling just like the original but using nylon zip ties, no longer a collector item for sure, but one that I should be able to use on the air for a good while without worrying about repair other than a bad tube. (or so in theory).

I really appreciate your advice, was really frustrated and about to give up for a while.

Can I make a sched with you somewhere on 40 or 80 here when I get it all pieced together and a cobbled up jb70 (I don't have a jb70), am in Louisville, used to be in 8 lamd about 20-30 mi north and 80mi east, used to have really good 80 m skip to 5 land pretty much any evening. I am figuring a couple weeks at most to get er done.

73 - Dave N8ZFM

From: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
[mailto:T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com> ]
On Behalf Of wa5cab@... <mailto:wa5cab%40cs.com>
Sent: Monday, January 24, 2011 11:25 PM
To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
Subject: Re: [T-368_BC-610] BC-614E stumped

Dave,

The way I looked at it was to assume your comment about lower output being
achieved on the grid side of V102 than on the plate was correct. That seemed to point to the left end of C102 (you connected the sig gen to the right
side) going to ground for AC but not for DC.

However, your comment about RG-174 is confusing. There isn't any of it in
a BC-614. And as it has a relatively high capacitance per foot, it would

not be good to use in a high impedance audio circuit.

In a message dated 1/24/2011 7:16:48 PM Central Standard Time,
dave@... <mailto:dave%40n8zfm.com> <mailto:dave%40n8zfm.com> writes:
> Robert,
>
> Got back to it this evening as soon as I got back home,
> removed tube and same, so got the idea to disconnect the wire (rg174)
> from R108 to the wiper of the gain control, wow tons of gain out of
> V101, so I pulled out my 4 pieces of RG174 (just pulled all 4 as I had
> them cabled together all nice and neat) and am going to replace them,
my
> signal was being swamped either in the wire, or at R111, I am guessing
> the wire as now that its back being disconnected except to ground,
R111
> looks fine on the ohmmeter.
>
>
>
> Let you know how it goes, I think I may have finally got to the answer
> with your help!
>
>
>
> 73 - Dave
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4417. query

Yahoo group: T-368_BC-610
Date: 2011-01-27 21:06:53 UTC
From: Alan Morriss
Topic: 4417  Message: 4417

hello guys, i have been following the discussion about the connections between the RFdeck and the mod one. maybe i put those wires coming down on the right in the wrong place. the modulator bias control does not function , and the tx is key down whenever you select cw . maybe bob or some other knowledgable person can put me wise. i thought that i had done it correctly. alan g4gen

[Non-text portions of this message have been removed]

# 4418. Re: [T-368_BC-610] BC-614E stumped

Yahoo group: T-368_BC-610
Date: 2011-01-27 21:18:01 UTC
From: mac
Topic: 4401  Message: 4418

Dave,

Coming in late on this thread, but are you talking about a low level
of hum on the carrier that persists no matter what corrective measures
you take in the audio circuits?

Dennis D. W7QHO
Glendale, CA

**********
On Jan 25, 2011, at 7:26 AM, Dave Trainor wrote:

> Brian, That would be nice if you find it, now I have it working I do
> see some hum on the scope, hard to judge how bad the hum is but its
> for sure there. Simple fixes are best of all. I rebuilt the amp as
> close to the original as I could get including the same wiring scheme.

# 4419. RE: [T-368_BC-610] BC-614E stumped

Yahoo group: T-368_BC-610
Date: 2011-01-28 00:15:07 UTC
From: Dave Trainor
Topic: 4401  Message: 4419

Dennis, well I got past my initial problem, it was apparently a bad wire to the gain controls, I had used Rg174 for the wire. I replaced that and its fully functional now. So the hum, after getting it going I had the output on my scope and I clearly see some 60 cycle hum on the sine wave, as I don't have my cable finished yet to the 610 I can't say how bad it sounds. I expect there will be some hum but hum is far better than when I had no output at all.

Planning on getting the cable finished up over the weekend and then I can listen on a RX and see how she sounds.

73 - Dave

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
On Behalf Of mac
Sent: Thursday, January 27, 2011 4:18 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] BC-614E stumped

Dave,

Coming in late on this thread, but are you talking about a low level of hum on the carrier that persists no matter what corrective measures you take in the audio circuits?

Dennis D. W7QHO
Glendale, CA

**********
On Jan 25, 2011, at 7:26 AM, Dave Trainor wrote:

> Brian, That would be nice if you find it, now I have it working I do
> see some hum on the scope, hard to judge how bad the hum is but its
> for sure there. Simple fixes are best of all. I rebuilt the amp as
> close to the original as I could get including the same wiring scheme.

[Non-text portions of this message have been removed]

# 4420. Re: [T-368_BC-610] BC-614E stumped

Yahoo group: T-368_BC-610
Date: 2011-01-28 02:06:03 UTC
From: mac
Topic: 4401  Message: 4420

OK, just wanted to pass along that hum on the RF carrier is not a new BC-610 problem. Some 610's exhibit this trait and some don't. The late Bill Feldmann, N6PY. cured this in his BC-610 by bypassing the cathode of V9 (6L6 buffer doubler) in the RF driver chain for audio as well as RF. Hung a 40-50 mfd electrolytic across the cathode resistor R24 in parallel with the original mica bypass cap C8. Believe he did cover this in an ER article along with a lot of other BC-610 information but I don't have the issue date/number..

Hope this helps.

Dennis D. W7QHO
Glendale, CA

**********
On Jan 27, 2011, at 4:15 PM, Dave Trainor wrote:

> Dennis, well I got past my initial problem, it was apparently a bad
> wire
> to the gain controls, I had used Rg174 for the wire. I replaced that
> and
> its fully functional now. So the hum, after getting it going I had the
> output on my scope and I clearly see some 60 cycle hum on the sine
> wave,
> as I don't have my cable finished yet to the 610 I can't say how bad
> it
> sounds. I expect there will be some hum but hum is far better than
> when
> I had no output at all.
>
> Planning on getting the cable finished up over the weekend and then I
> can listen on a RX and see how she sounds.
>
> 73 - Dave
>
> From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com
> ]
> On Behalf Of mac
> Sent: Thursday, January 27, 2011 4:18 PM
> To: T-368_BC-610@yahoogroups.com
> Subject: Re: [T-368_BC-610] BC-614E stumped
>
> Dave,
>
> Coming in late on this thread, but are you talking about a low level
> of hum on the carrier that persists no matter what corrective measures

> you take in the audio circuits?
>
> Dennis D. W7QHO
> Glendale, CA
>
> **********
> On Jan 25, 2011, at 7:26 AM, Dave Trainor wrote:
>
> > Brian, That would be nice if you find it, now I have it working I do
> > see some hum on the scope, hard to judge how bad the hum is but its
> > for sure there. Simple fixes are best of all. I rebuilt the amp as
> > close to the original as I could get including the same wiring
> scheme.
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

# 4421. Re: [T-368_BC-610] BC-614E stumped

Yahoo group: T-368_BC-610
Date: 2011-01-28 18:54:12 UTC
From: mac
Topic: 4401  Message: 4421

Dave,

The Feldnmann article is in ER#186, Nov. 2004. Bill actually added a 470 mfd bypass cap (mislabeled 470 pf in the schematic on page 3) along with a .01 unit. Bill and I were good friends and we puzzled over the hum problem at some length at the time. I don't buy his explanation of the root cause of the problem as presented in the article but the added caps did seem to effect a cure. Bill went on with a lot more discussion of the BC-610 in ER #186 and in *previous articles in ER's #178 and #185 which you might find interesting..

Dennis D. W7QHO
Glendale, CA

**********
On Jan 27, 2011, at 6:06 PM, mac wrote:

> OK, just wanted to pass along that hum on the RF carrier is not a
> new BC-610 problem. Some 610's exhibit this trait and some don't.
> The late Bill Feldmann, N6PY. cured this in his BC-610 by bypassing
> the cathode of V9 (6L6 buffer doubler) in the RF driver chain for
> audio as well as RF. Hung a 40-50 mfd electrolytic across the
> cathode resistor R24 in parallel with the original mica bypass cap
> C8. Believe he did cover this in an ER article along with a lot of
> other BC-610 information but I don't have the issue date/number..
>
> Hope this helps.
>
> Dennis D. W7QHO
> Glendale, CA
>
> **********
> On Jan 27, 2011, at 4:15 PM, Dave Trainor wrote:
>
>> Dennis, well I got past my initial problem, it was apparently a bad
>> wire
>> to the gain controls, I had used Rg174 for the wire. I replaced
>> that and
>> its fully functional now. So the hum, after getting it going I had
>> the
>> output on my scope and I clearly see some 60 cycle hum on the sine
>> wave,
>> as I don't have my cable finished yet to the 610 I can't say how
>> bad it
>> sounds. I expect there will be some hum but hum is far better than
>> when

>> I had no output at all.
>>
>> Planning on getting the cable finished up over the weekend and then I
>> can listen on a RX and see how she sounds.
>>
>> 73 - Dave
>>
>> From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com
>> ]
>> On Behalf Of mac
>> Sent: Thursday, January 27, 2011 4:18 PM
>> To: T-368_BC-610@...m
>> Subject: Re: [T-368_BC-610] BC-614E stumped
>>
>> Dave,
>>
>> Coming in late on this thread, but are you talking about a low level
>> of hum on the carrier that persists no matter what corrective
>> measures
>> you take in the audio circuits?
>>
>> Dennis D. W7QHO
>> Glendale, CA
>>
>> **********
>> On Jan 25, 2011, at 7:26 AM, Dave Trainor wrote:
>>
>> > Brian, That would be nice if you find it, now I have it working I
>> do
>> > see some hum on the scope, hard to judge how bad the hum is but its
>> > for sure there. Simple fixes are best of all. I rebuilt the amp as
>> > close to the original as I could get including the same wiring
>> scheme.
>>
>> [Non-text portions of this message have been removed]
>>
>>
>>
>

[Non-text portions of this message have been removed]

# 4422. Re: [T-368_BC-610] BC-614E stumped

Yahoo group: T-368_BC-610
Date: 2011-01-28 21:48:47 UTC
From: rbethman
Topic: 4401  Message: 4422

V9, the 6L6, should always be a metal tube. Glass ones will cause
nothing but grief.

V9 is PURELY in the RF Driver section, NOT in the audio chain whatsoever.

Bob - N0DGN

On 1/27/2011 9:06 PM, mac wrote:
> OK, just wanted to pass along that hum on the RF carrier is not a new
> BC-610 problem. Some 610's exhibit this trait and some don't. The
> late Bill Feldmann, N6PY. cured this in his BC-610 by bypassing the
> cathode of V9 (6L6 buffer doubler) in the RF driver chain for audio as
> well as RF. Hung a 40-50 mfd electrolytic across the cathode resistor
> R24 in parallel with the original mica bypass cap C8. Believe he did
> cover this in an ER article along with a lot of other BC-610
> information but I don't have the issue date/number..
>
> Hope this helps.
>
> Dennis D. W7QHO
> Glendale, CA

# 4423. Re: [T-368_BC-610] BC-614E stumped

Yahoo group: T-368_BC-610
Date: 2011-01-28 22:12:07 UTC
From: mac
Topic: 4401  Message: 4423

Yes, Bob, I know that. Read my following post (1/28/11) and the ER articles referenced therein and hopefully it will all become clear to you.

Dennis D. W7QHO
Glendale, CA

**********

On Jan 28, 2011, at 1:48 PM, rbethman wrote:

> V9, the 6L6, should always be a metal tube. Glass ones will cause
> nothing but grief.
>
> V9 is PURELY in the RF Driver section, NOT in the audio chain
> whatsoever.
>
> Bob - N0DGN
>
> On 1/27/2011 9:06 PM, mac wrote:
>> OK, just wanted to pass along that hum on the RF carrier is not a new
>> BC-610 problem. Some 610's exhibit this trait and some don't. The
>> late Bill Feldmann, N6PY. cured this in his BC-610 by bypassing the
>> cathode of V9 (6L6 buffer doubler) in the RF driver chain for audio
>> as
>> well as RF. Hung a 40-50 mfd electrolytic across the cathode
>> resistor
>> R24 in parallel with the original mica bypass cap C8. Believe he did
>> cover this in an ER article along with a lot of other BC-610
>> information but I don't have the issue date/number..
>>
>> Hope this helps.
>>
>> Dennis D. W7QHO
>> Glendale, CA
>

# 4424. Radar Before the Magnetron

Yahoo group: T-368_BC-610
Date: 2011-01-29 23:09:14 UTC
From: mac
Topic: 4424  Message: 4424

All,

i have a DVD available covering a lecture by Rick Ferranti given at a 1999 IEEE seminar at MIT titled "Radar before the Magnetron." Material covered includes the WW2 British Chain Home and US SCR-270 radars. Running time is 1 hour, video quality is VHS.

Copies $5.00 each including shipping which just about covers my costs. PayPal, check, MO, cash all gratefully accepted.

Dennis D. W7QHO
Glendale, CA

# 4425. query

Yahoo group: T-368_BC-610
Date: 2011-01-31 14:31:00 UTC
From: Alan Morriss
Topic: 4417  Message: 4425

hello guys, can anyone help me. i am looking for a headset and key for the TBY 8 .the plugs alone would do . alan G4GEN

[Non-text portions of this message have been removed]

# 4426. Re: [T-368_BC-610] query

Yahoo group: T-368_BC-610
Date: 2011-02-01 04:48:39 UTC
From: wa5cab@cs.com
Topic: 4417  Message: 4426

Alan,

I don't have an extra one of the keys (only one I have is in the chest with my TBX-8) but the plug is the Navy version of the Signal Corps PL-55. May be marked NAF 1136-1, NT-49109, or even PL-55.

The "correct" headset is NT-49507, -A or -B. The -B model (which was probably current when TBX-8 came out) was later renomenclatured as H-116/U. This a 600 ohm headset and is also equivalent to H-113/U except that the 49504 has a male Duradot snap fitting on each receiver for attaching the Navy version of the T-45 lip microphone. It has an 18" bail-out cord terminated in the Navy equivalent of PL-54 (number doesn't come up). Requires CD-307-A or Navy equivalent NT-49534 extension cord In all of these, the receivers are attached to the headband with a single screw, not with the C-clip with pins as common on most other headsets of the period. The 49507 has a leather covered headband. The rest of it is black. The -A and -B models have a black plastic sleeve over the headband. The two AN nomenclatured sets are as the -A and -B except green.

In a message dated 1/31/2011 8:31:08 AM Central Standard Time,
mohawk@... writes:
> hello guys, can anyone help me. i am looking for a headset and key for
> the TBY 8 .the plugs alone would do . alan G4GEN
>
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4427. Re: query

Yahoo group: T-368_BC-610
Date: 2011-02-01 07:29:31 UTC
From: Roger Basford
Topic: 4417  Message: 4427

Hi Alan,

You could try asking on:-

http://groups.yahoo.com/group/code_talker_radio/

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello guys, can anyone help me. i am looking for a headset and key for the TBY 8 .the plugs alone would do . alan G4GEN
>
> [Non-text portions of this message have been removed]
>

# 4428. plug

Yahoo group: T-368_BC-610
Date: 2011-02-01 08:10:07 UTC
From: Alan Morriss
Topic: 4428  Message: 4428

hello bob, thanks for all the info . i have one headset and two TBY8s . i have put the best one on ebay complete, so i will need another headset as i intend to get the other one going . with the plug i could easily make up an adaptor with twin sockets for a standard aviation headset . have you ever used the TBY8 on air ? i have had mine for years and never got round to it . alan

[Non-text portions of this message have been removed]

# 4429. Re: [T-368_BC-610] Re: query

Yahoo group: T-368_BC-610
Date: 2011-02-01 08:11:52 UTC
From: Alan Morriss
Topic: 4417  Message: 4429

thanks roger, i will try .i am getting an inverter unit for the set from pietro noto who makes them . alan
----- Original Message -----
From: Roger Basford
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, February 01, 2011 7:29 AM
Subject: [T-368_BC-610] Re: query

Hi Alan,

You could try asking on:-

http://groups.yahoo.com/group/code_talker_radio/

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello guys, can anyone help me. i am looking for a headset and key for the TBY 8 .the plugs alone would do . alan G4GEN
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 4430. TBY sets

Yahoo group: T-368_BC-610
Date: 2011-02-01 08:59:00 UTC
From: Roger Basford
Topic: 4417  Message: 4430

Hello Alan,

I didn't know he was making PSUs for the TBY series, what is he asking? Have three TBY-8s here, one with the accessories, vibratory PSU and original battery, but haven't made any attempt to put them on-air as yet. The battery is well-dead, but I was thinking of making up a 4 volt cell from gel batteries, if I can find some 2 volt types.

Cheers

Roger

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> thanks roger, i will try .i am getting an inverter unit for the set from pietro noto who makes them . alan
> ----- Original Message -----
> From: Roger Basford
> To: T-368_BC-610@yahoogroups.com
> Sent: Tuesday, February 01, 2011 7:29 AM
> Subject: [T-368_BC-610] Re: query
>
>
>
> Hi Alan,
>
> You could try asking on:-
>
> http://groups.yahoo.com/group/code_talker_radio/
>
> 73
>
> Roger/G3VKM
>
> --- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@> wrote:
> >
> > hello guys, can anyone help me. i am looking for a headset and key for the TBY 8 .the plugs alone would do . alan G4GEN
> >
> > [Non-text portions of this message have been removed]
> >
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>
>
> [Non-text portions of this message have been removed]

>

# 4431. Re: [T-368_BC-610] TBY sets

Yahoo group: T-368_BC-610
Date: 2011-02-01 09:28:24 UTC
From: Alan Morriss
Topic: 4417  Message: 4431

hello roger, the price is 59 euros plus 13 for postage and packing. they work off a 2v 10ah accumulator. i have put my complete TBY8 on ebay as i ave another which only has the accs and vibrator. i do noot care whether it sells or not , so i started it at £500 . i think that they are beautifful things, but have never had one on air. i will make up a sheet metal box of the same dimensions as the accs and vib to house the inverter and acc. alan
----- Original Message -----
From: Roger Basford
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, February 01, 2011 8:59 AM
Subject: [T-368_BC-610] TBY sets

Hello Alan,

I didn't know he was making PSUs for the TBY series, what is he asking? Have three TBY-8s here, one with the accessories, vibratory PSU and original battery, but haven't made any attempt to put them on-air as yet. The battery is well-dead, but I was thinking of making up a 4 volt cell from gel batteries, if I can find some 2 volt types.

Cheers

Roger

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> thanks roger, i will try .i am getting an inverter unit for the set from pietro noto who makes them . alan
> ----- Original Message -----
> From: Roger Basford
> To: T-368_BC-610@yahoogroups.com
> Sent: Tuesday, February 01, 2011 7:29 AM
> Subject: [T-368_BC-610] Re: query
>
>
>
> Hi Alan,
>
> You could try asking on:-
>
> http://groups.yahoo.com/group/code_talker_radio/
>
> 73
>
> Roger/G3VKM
>
> --- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@> wrote:
> >

> > hello guys, can anyone help me. i am looking for a headset and key for the TBY 8 .the plugs alone would do . alan G4GEN
> >
> > [Non-text portions of this message have been removed]
> >
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> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 4432. Re: TBY sets

Yahoo group: T-368_BC-610
Date: 2011-02-01 10:12:12 UTC
From: Roger Basford
Topic: 4417  Message: 4432

Thanks Alan,

That sounds like a fair price, do you have his contact details?

Yes, I saw your TBY on ebay, hope you get a buyer, I've posted a link to it on code-talkers. They are an intriguing radio, they seem to have been quite common over here too, I had one in the 1960s when we didn't have 50MHz. I did try using it on Four metres but I didn't have any luck, probably due to poor frequency stability, everyone else was using crystal-controlled AM Pye Vanguards and Cambridges! Alas, my sheet-metal working isn't really up to the job of making a box but I live in hope that the rest of the accs will turn up one day.

See you on the code-talkers group, maybe?

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello roger, the price is 59 euros plus 13 for postage and packing. they work off a 2v 10ah accumulator. i have put my complete TBY8 on ebay as i ave another which only has the accs and vibrator. i do noot care whether it sells or not , so i started it at £500 . i think that they are beautifful things, but have never had one on air. i will make up a sheet metal box of the same dimensions as the accs and vib to house the inverter and acc.
alan
> ----- Original Message -----
> From: Roger Basford
> To: T-368_BC-610@yahoogroups.com
> Sent: Tuesday, February 01, 2011 8:59 AM
> Subject: [T-368_BC-610] TBY sets
>
>
>
> Hello Alan,
>
> I didn't know he was making PSUs for the TBY series, what is he asking? Have three TBY-8s here, one with the accessories, vibratory PSU and original battery, but haven't made any attempt to put them on-air as yet. The battery is well-dead, but I was thinking of making up a 4 volt cell from gel batteries, if I can find some 2 volt types.
>
> Cheers
>
> Roger
>
>

> --- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@> wrote:
> >
> > thanks roger, i will try .i am getting an inverter unit for the set from pietro noto who makes them . alan
> > ----- Original Message -----
> > From: Roger Basford
> > To: T-368_BC-610@yahoogroups.com
> > Sent: Tuesday, February 01, 2011 7:29 AM
> > Subject: [T-368_BC-610] Re: query
> >
> >
> >
> > Hi Alan,
> >
> > You could try asking on:-
> >
> > http://groups.yahoo.com/group/code_talker_radio/
> >
> > 73
> >
> > Roger/G3VKM
> >
> > --- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@> wrote:
> > >
> > > hello guys, can anyone help me. i am looking for a headset and key for the TBY 8 .the plugs alone would do . alan G4GEN
> > >
> > > [Non-text portions of this message have been removed]
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> > [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
>

# 4433. Re: [T-368_BC-610] Re: TBY sets

Yahoo group: T-368_BC-610
Date: 2011-02-01 11:02:22 UTC
From: Alan Morriss
Topic: 4417  Message: 4433

hello roger, it is pietronoto@... , he is a member of vmars , and has done a few inverters for me. the bc 611 type is brilliant. alan
----- Original Message -----
From: Roger Basford
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, February 01, 2011 10:12 AM
Subject: [T-368_BC-610] Re: TBY sets

Thanks Alan,

That sounds like a fair price, do you have his contact details?

Yes, I saw your TBY on ebay, hope you get a buyer, I've posted a link to it on code-talkers. They are an intriguing radio, they seem to have been quite common over here too, I had one in the 1960s when we didn't have 50MHz. I did try using it on Four metres but I didn't have any luck, probably due to poor frequency stability, everyone else was using crystal-controlled AM Pye Vanguards and Cambridges! Alas, my sheet-metal working isn't really up to the job of making a box but I live in hope that the rest of the accs will turn up one day.

See you on the code-talkers group, maybe?

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello roger, the price is 59 euros plus 13 for postage and packing. they work off a 2v 10ah accumulator. i have put my complete TBY8 on ebay as i ave another which only has the accs and vibrator. i do noot care whether it sells or not , so i started it at £500 . i think that they are beautifful things, but have never had one on air. i will make up a sheet metal box of the same dimensions as the accs and vib to house the inverter and acc. alan
> ----- Original Message -----
> From: Roger Basford
> To: T-368_BC-610@yahoogroups.com
> Sent: Tuesday, February 01, 2011 8:59 AM
> Subject: [T-368_BC-610] TBY sets
>
>
>
> Hello Alan,
>
> I didn't know he was making PSUs for the TBY series, what is he asking? Have three TBY-8s here, one with the accessories, vibratory PSU and original battery, but haven't made any attempt to put them on-air as yet. The battery is well-dead, but I was thinking of making

up a 4 volt cell from gel batteries, if I can find some 2 volt types.
>
> Cheers
>
> Roger
>
>
> --- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@> wrote:
> >
> > thanks roger, i will try .i am getting an inverter unit for the set from pietro noto who makes them . alan
> > ----- Original Message -----
> > From: Roger Basford
> > To: T-368_BC-610@yahoogroups.com
> > Sent: Tuesday, February 01, 2011 7:29 AM
> > Subject: [T-368_BC-610] Re: query
> >
> >
> >
> > Hi Alan,
> >
> > You could try asking on:-
> >
> > http://groups.yahoo.com/group/code_talker_radio/
> >
> > 73
> >
> > Roger/G3VKM
> >
> > --- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@> wrote:
> > >
> > > hello guys, can anyone help me. i am looking for a headset and key for the TBY 8 .the plugs alone would do . alan G4GEN
> > >
> > > [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
>

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# 4434. Re: TBY sets

Yahoo group: T-368_BC-610
Date: 2011-02-01 11:50:00 UTC
From: Roger Basford
Topic: 4417  Message: 4434

Thanks Alan,

The discussion about the TBY has prompted me to order a couple of 2 V gel cells to test the TBYs I have. I found a firm in Cornwall that sells batteries for things like model boats and ordered from them. See you've joined the code-talkers group so will see you on there as this is a little OT for the BC-610 group :-))

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello roger, it is pietronoto@... , he is a member of vmars , and has done a few inverters for me. the bc 611 type is brilliant. alan
> ----- Original Message -----
> From: Roger Basford
> To: T-368_BC-610@yahoogroups.com
> Sent: Tuesday, February 01, 2011 10:12 AM
> Subject: [T-368_BC-610] Re: TBY sets
>
>
>
> Thanks Alan,
>
> That sounds like a fair price, do you have his contact details?
>
> Yes, I saw your TBY on ebay, hope you get a buyer, I've posted a link to it on code-talkers. They are an intriguing radio, they seem to have been quite common over here too, I had one in the 1960s when we didn't have 50MHz. I did try using it on Four metres but I didn't have any luck, probably due to poor frequency stability, everyone else was using crystal-controlled AM Pye Vanguards and Cambridges! Alas, my sheet-metal working isn't really up to the job of making a box but I live in hope that the rest of the accs will turn up one day.
>
> See you on the code-talkers group, maybe?
>
> 73
>
> Roger/G3VKM
>
> --- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@> wrote:
> >
> > hello roger, the price is 59 euros plus 13 for postage and packing. they work off a 2v 10ah accumulator. i have put my complete TBY8 on ebay as i ave another which only has the accs and vibrator. i do noot care whether it sells or not , so i started it at £500 . i

think that they are beautifful things, but have never had one on air. i will make up a sheet metal box of the same dimensions as the accs and vib to house the inverter and acc. alan
> > ----- Original Message -----
> > From: Roger Basford
> > To: T-368_BC-610@yahoogroups.com
> > Sent: Tuesday, February 01, 2011 8:59 AM
> > Subject: [T-368_BC-610] TBY sets
> >
> >
> >
> > Hello Alan,
> >
> > I didn't know he was making PSUs for the TBY series, what is he asking? Have three TBY-8s here, one with the accessories, vibratory PSU and original battery, but haven't made any attempt to put them on-air as yet. The battery is well-dead, but I was thinking of making up a 4 volt cell from gel batteries, if I can find some 2 volt types.
> >
> > Cheers
> >
> > Roger
> >
> >
> > --- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@> wrote:
> > >
> > > thanks roger, i will try .i am getting an inverter unit for the set from pietro noto who makes them . alan
> > > ----- Original Message -----
> > > From: Roger Basford
> > > To: T-368_BC-610@yahoogroups.com
> > > Sent: Tuesday, February 01, 2011 7:29 AM
> > > Subject: [T-368_BC-610] Re: query
> > >
> > >
> > >
> > > Hi Alan,
> > >
> > > You could try asking on:-
> > >
> > > http://groups.yahoo.com/group/code_talker_radio/
> > >
> > > 73
> > >
> > > Roger/G3VKM
> > >
> > > --- In T-368_BC-610@...m, "Alan Morriss" <mohawk@> wrote:
> > > >
> > > > hello guys, can anyone help me. i am looking for a headset and key for the TBY 8 .the plugs alone would do . alan G4GEN
> > > >
> > > > [Non-text portions of this message have been removed]

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> > [Non-text portions of this message have been removed]
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>
> [Non-text portions of this message have been removed]
>

# 4435. Re: [T-368_BC-610] plug

Yahoo group: T-368_BC-610
Date: 2011-02-01 15:38:13 UTC
From: wa5cab@cs.com
Topic: 4428  Message: 4435

Alan,

Which headset do you have with the other one?

No, like you I never found a round tuit.

In a message dated 2/1/2011 2:10:21 AM Central Standard Time,
mohawk@... writes:
> hello bob, thanks for all the info . i have one headset and two TBY8s . i
> have put the best one on ebay complete, so i will need another headset as
> i intend to get the other one going . with the plug i could easily make up
> an adaptor with twin sockets for a standard aviation headset . have you
> ever used the TBY8 on air ? i have had mine for years and never got round to
> it . alan

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4436. Re: [T-368_BC-610] Oops - TBY sets

Yahoo group: T-368_BC-610
Date: 2011-02-01 16:02:40 UTC
From: wa5cab@cs.com
Topic: 4436  Message: 4436

Oops! I really blew that. You wrote "TBY-8" and I read "TBX-8". Sorry.
I had just been wishing that I had time and space to bring my TBX home and
try to get it working. That's my excuse, anyhow. So nothing that I wrote
applies to the TBY. Except my comment about never getting it on the air. :-)

I But now I understand why you were asking about the plugs. I have
somewhere a few both 3- and 4-pin but I think the problem was they have a different
key location. I'll try to find them and see. I had two of the complete
headset-microphone assemblies but sold them last year. All I have left that I
know of is the "W" cord and a pair of receivers. No head strap assembly.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4437. Re: [T-368_BC-610] TBY sets

Yahoo group: T-368_BC-610
Date: 2011-02-01 16:09:36 UTC
From: wa5cab@cs.com
Topic: 4417  Message: 4437

Roger,

I have one of Pietro's TBY converters. The guy I sold my last TBY-8 to already had one. Looks like I paid $95 for it but that may have included shipping as I got it from someone over here who bought several at once. However, I don't need it and if you do, I'll match Pietro's price including shipping.

FWIW, Pietro also makes one for the MAB/DAV.

In a message dated 2/1/2011 2:59:04 AM Central Standard Time,
Roger@... writes:
> Hello Alan,
>
> I didn't know he was making PSUs for the TBY series, what is he asking?
> Have three TBY-8s here, one with the accessories, vibratory PSU and original
> battery, but haven't made any attempt to put them on-air as yet. The
> battery is well-dead, but I was thinking of making up a 4 volt cell from gel
> batteries, if I can find some 2 volt types.
>
> Cheers
>
> Roger

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4438. reply

Yahoo group: T-368_BC-610
Date: 2011-02-01 16:14:40 UTC
From: Alan Morriss
Topic: 4438  Message: 4438

hello bob, well, that will soon be remedied i hope ! the only identification i can find is on the rubber earpad. it is CMO-49104 . if you look on ebay, i have put it on with a ridiculous starting price as i do not care if i sell it or not.you can see the headset i was hoping to sell the complete one and keep the other. i have sent for a purpose built inverter for it. alan

[Non-text portions of this message have been removed]

# 4439. phones

Yahoo group: T-368_BC-610
Date: 2011-02-01 16:18:57 UTC
From: Alan Morriss
Topic: 4439  Message: 4439

hello again bob . mine is the 4 pin type. if you have the lead and receivers with a plug i would be interested. what i was thinking of was to fit a phone and mike jack sockets on to a plug so that i can use my aviation headset. alan

[Non-text portions of this message have been removed]

# 4440. Re: TBY sets

Yahoo group: T-368_BC-610
Date: 2011-02-01 16:21:36 UTC
From: Roger Basford
Topic: 4417  Message: 4440

Hello Robert,

AFAIK, the vibrator PSU I have works OK but until the two cells I've ordered turn up I can't test it, as I don't have a variable PSU of enough current rating to power the vib unit. If the vib is U/S then I may take you up on your offer.

I'm in the market for either a TBY key or the plug to fit the radio.

I'll be in touch about the inverter.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, wa5cab@... wrote:
>
> Roger,
>
> I have one of Pietro's TBY converters. The guy I sold my last TBY-8 to
> already had one. Looks like I paid $95 for it but that may have included
> shipping as I got it from someone over here who bought several at once. However,
> I don't need it and if you do, I'll match Pietro's price including
> shipping.
>
> FWIW, Pietro also makes one for the MAB/DAV.
>
> In a message dated 2/1/2011 2:59:04 AM Central Standard Time,
> Roger@... writes:
> > Hello Alan,
> >
> > I didn't know he was making PSUs for the TBY series, what is he asking?
> > Have three TBY-8s here, one with the accessories, vibratory PSU and original
> > battery, but haven't made any attempt to put them on-air as yet. The
> > battery is well-dead, but I was thinking of making up a 4 volt cell from gel
> > batteries, if I can find some 2 volt types.
> >
> > Cheers
> >
> > Roger
>
> Robert & Susan Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
>
> [Non-text portions of this message have been removed]

>

# 4441. FS: Panel Meter 20A DC

Yahoo group: T-368_BC-610
Date: 2011-02-06 21:05:17 UTC
From: Bry Carling
Topic: 4441  Message: 4441

For sale: Round Panel Meter for 0 - 20A DC.

Round meter requires a 2" round hole. Comes with the mounting hardware.
Emico model 2C-2104 (made by Electro-mechanical Instrument Co.,
Perkasie, PA. USA)
QTY 1 available for $3.00 plus shipping.

Bry, AF4K

[Non-text portions of this message have been removed]

# 4442. FS: New Ceramic Caps

Yahoo group: T-368_BC-610
Date: 2011-02-08 20:42:18 UTC
From: Bry Carling
Topic: 4442  Message: 4442

FOR SALE: New Ceramic Caps

QTY 3 new RCA 109229 - Caps are 130 pF at 6000V
QTY 7 new Sprague 1000J - Caps are 1000 pF at 1000V

Will sell all of these for $6.00 total plus shipping.

73 - Brian, AF4K

[Non-text portions of this message have been removed]

# 4443. Re: FS: T-368F in Southern California

Yahoo group: T-368_BC-610
Date: 2011-02-09 00:42:34 UTC
From: JeffK
Topic: 4415  Message: 4443

Hi,

This is a work in progress, but the T-368 pics are there now:

http://www.lafn.org/~jeffk/Sale.html

Regards,
Jeff W6JK

--- In T-368_BC-610@yahoogroups.com, "JeffK" <jeffk@...> wrote:
>
> Hi All,
>
> I have a T-368F in very nice condition for sale in So. Cal. I'd rather keep it but there's just no way to get it into the 2nd floor condo. It's currently residing in a 14-foot box truck with a lift gate, which is also for sale, and delivery is negotiable. You can come and see it in Torrance, if you'd like. Priced to move at $1000 for the transmitter, $3000 for the truck.
>
> Jeff W6JK
> w6jk@...
>

# 4444. T-368-E T9 Advice

Yahoo group: T-368_BC-610
Date: 2011-02-11 03:46:11 UTC
From: Mike Murray
Topic: 4444  Message: 4444

Good Evening All,

My T-368-E has oil seeping from its T9 HV Plate Transformer. The old girl works FB based upon a signal reports during Saturday morning's OMR Net. However, I assume my days are numbered.
I saw an old post on AMFone.net in regards to repairing oil filled transformers with JB Weld, sparingly used.
Unless someone has an extra T9 for an E, that is my strategy, also, and I would appreciate comments pro, con, or otherwise on this strategy.
I am not yet sure from where exactly the seepage is coming, and that may be a factor.
Also, if anyone has repaired an oil filled transformer, what is the best way to refill the lost oil? Punch a fill hole in the top and reseal it afterward?

TNX es 73,
de
KW4HF - Mike
Chapel Hill, NC

[Non-text portions of this message have been removed]

# 4445. Re: [T-368_BC-610] T-368-E T9 Advice

Yahoo group: T-368_BC-610
Date: 2011-02-11 13:00:43 UTC
From: Harold Hairston
Topic: 4444  Message: 4445

Hi, Mike;

I have two T-368's but don't have a long history of knowledge or experience with them. No doubt, there are folks who do. I didn't think that the HV Plate Transformer contained oil. I do know that the Filter Caps contain oil and tend to seep over the years. I will be very interested in your solution. Please keep us informed. And good luck.

Harold

One of The Penalities of Not Participating in Politics is That You Will be Governed by Your Inferiors (Plato)
----- Original Message -----
From: Mike Murray
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, February 10, 2011 10:46 Hank
Subject: [T-368_BC-610] T-368-E T9 Advice

Good Evening All,

My T-368-E has oil seeping from its T9 HV Plate Transformer. The old girl works FB based upon a signal reports during Saturday morning's OMR Net. However, I assume my days are numbered.
I saw an old post on AMFone.net in regards to repairing oil filled transformers with JB Weld, sparingly used.
Unless someone has an extra T9 for an E, that is my strategy, also, and I would appreciate comments pro, con, or otherwise on this strategy.
I am not yet sure from where exactly the seepage is coming, and that may be a factor.
Also, if anyone has repaired an oil filled transformer, what is the best way to refill the lost oil? Punch a fill hole in the top and reseal it afterward?

TNX es 73,
de
KW4HF - Mike
Chapel Hill, NC

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4446. Re: [T-368_BC-610] T-368-E T9 Advice

Yahoo group: T-368_BC-610
Date: 2011-02-11 13:24:26 UTC
From: James M. Walker
Topic: 4444  Message: 4446

I agree with Harold,
on this one. Don't remember oil in the T-368 HV transformer. It is
sealed all the way around with what looks like a weld. I have NEVER
seen oil in the transformer though. I may have a spare I would need to
check though.
Jim
WB2FCN/WD2XSH-22

----- Original Message -----
From: "Mike Murray" <kw4hf@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Thursday, February 10, 2011 10:46 PM
Subject: [T-368_BC-610] T-368-E T9 Advice

> Good Evening All,
>
> My T-368-E has oil seeping from its T9 HV Plate Transformer. The old girl
> works FB based upon a signal reports during Saturday morning's OMR Net.
> However, I assume my days are numbered.
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> transformers with JB Weld, sparingly used.
> Unless someone has an extra T9 for an E, that is my strategy, also, and I
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> Chapel Hill, NC
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links

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# 4447. RE: [T-368_BC-610] T-368-E T9 Advice

Yahoo group: T-368_BC-610
Date: 2011-02-11 14:27:12 UTC
From: Tom Mackie
Topic: 4444  Message: 4447

Hi Mike

"Seeping" as in leaving a stain on the garage floor?

Or seeping as in there is an ever so slight amount of discoloration on the chassis?

Mine leaves an ever so slight amount of discoloration on the chassis. It hasn't been worth chasing.

You will get more opinions on a fix but...

The success of any repair will require cleaning and thorough degreasing/deoiling. And then you will need to clean it and clean it again. You might consider a flexible sealant like 3M 5200 urethane sealer instead of a rigid sealant like JBWeld. 5200 may seal better when the joints of T9 are flexing with temp changes. Wear rubber gloves and let it set up for at least 24 hours. It is thin and flows during cure.

How much oil have you lost? If you plan to operate continuous duty RTTY in the tropics it is probably worth thinking about a refill. But the OMRN duty cycle is fairly low. Hopefully we can all get by without adding "topping off transformer oil" to the maintenance list. The thought of having a drill bit grab and runining the transformer would keep you up at night.

73

Tom W2ILA

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
On Behalf Of Mike Murray
Sent: Thursday, February 10, 2011 10:46 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] T-368-E T9 Advice

Good Evening All,

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I saw an old post on AMFone.net in regards to repairing oil filled transformers with JB Weld, sparingly used.
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TNX es 73,
de
KW4HF - Mike
Chapel Hill, NC

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4448. RE: [T-368_BC-610] T-368-E T9 Advice

Yahoo group: T-368_BC-610
Date: 2011-02-11 16:15:38 UTC
From: Mike Murray
Topic: 4444  Message: 4448

Good Morning All,
Thanks for the responses all around.
Yes, Jim and Harold, I had initially suspected a leaky cap as I had one fail already and replaced it couple of years ago, and I was surprised to see the oil film apparently coming from T9. Could have sworn I read in the manual it was oil filled, but I'm not seeing that now. Jim, I will probably try repairs first, but if you do have a replacement for an E (dual primary windings) let me know.

Tom, yes, my "seeping" means there is a small amount on the shack floor which I would measure as a dozen drops (or slightly less) from the chassis over the last couple of months. The concrete pad slopes a bit so it didn't pool much inside - just made a beeline for the left front corner and then the floor.
Thanks for your advice re the 3M 5200 sealer. Makes sense to use it for the flexibility plus I am generally sold on 3M products.
QSL on the degrease, deoil, clean, repeat!
Glad to hear we may be OK and avoid a refill given my low duty cycle. I couldn't have lost much oil, and I hope I've discovered it early.

I'll continue to take comments and will report back on the project.

TNX AGN es 73
Mike
KW4HF

--- On Fri, 2/11/11, Tom Mackie <tom_mackie@...> wrote:

From: Tom Mackie
<tom_mackie@trimble.com>
Subject: RE: [T-368_BC-610] T-368-E T9 Advice
To: T-368_BC-610@yahoogroups.com
Date: Friday, February 11, 2011, 9:27 AM

Hi Mike

"Seeping" as in leaving a stain on the garage floor?

Or seeping as in there is an ever so slight amount of discoloration on

the chassis?

Mine leaves an ever so slight amount of discoloration on the chassis.

It hasn't been worth chasing.

You will get more opinions on a fix but...

The success of any repair will require cleaning and thorough

degreasing/deoiling. And then you will need to clean it and clean it again. You might consider a flexible sealant like 3M 5200 urethane sealer instead of a rigid sealant like JBWeld. 5200 may seal better when the joints of T9 are flexing with temp changes. Wear rubber gloves and let it set up for at least 24 hours. It is thin and flows during cure.

How much oil have you lost? If you plan to operate continuous duty RTTY in the tropics it is probably worth thinking about a refill. But the OMRN duty cycle is fairly low. Hopefully we can all get by without adding "topping off transformer oil" to the maintenance list. The thought of having a drill bit grab and runining the transformer would keep you up at night.

73

Tom W2ILA

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]

On Behalf Of Mike Murray

Sent: Thursday, February 10, 2011 10:46 PM

To: T-368_BC-610@yahoogroups.com

Subject: [T-368_BC-610] T-368-E T9 Advice

Good Evening All,

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I am not yet sure from where exactly the seepage is coming, and that may be a factor.

Also, if anyone has repaired an oil filled transformer, what is the best

way to refill the lost oil? Punch a fill hole in the top and reseal it

afterward?

TNX es 73,

de

KW4HF - Mike

Chapel Hill, NC

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_____
8:00? 8:25? 8:40? Find a flick in no time
with the Yahoo! Search movie showtime shortcut.
http://tools.search.yahoo.com/shortcuts/#news

[Non-text portions of this message have been removed]

# 4449. Re: [T-368_BC-610] T-368-E T9 Advice

Yahoo group: T-368_BC-610
Date: 2011-02-11 17:31:21 UTC
From: Todd, KA1KAQ
Topic: 4444  Message: 4449

On Fri, Feb 11, 2011 at 11:15 AM, Mike Murray <kw4hf@...> wrote:

> QSL on the degrease, deoil, clean, repeat!
>
> Glad to hear we may be OK and avoid a refill given my low duty cycle. I
> couldn't have lost much oil, and I hope I've discovered it early.
>

That's the real secret to the longevity of these military and old broadcast rigs in amateur service, Mike. They don't see the use and abuse they did in 24/7 or RTTY type service. Keeping the bugs from becoming big problems is the key. Even if you've lost a fair amount of the oil, it's not likely you'll transmit long enough to overheat things. That's a sizable chunk of iron able to dissipate quite a bit. Worst case scenario, you add some additional cooling (though it really shouldn't be necessary).

After you clean and degrease, I'd suggest wiping the area down with a cloth damp with alcohol to remove any film left from the degreaser. That should insure a good bond for whatever you end up using to seal things up.

I'm just across the map from you 45 mins or so, over in the Wilton/Franklinton area. There's a D model sitting in my radio area with a hard fault in the HV circuit somewhere. Hoping to get it back on the air soon. Good to know there's at least one other T-368 user in the vicinity.

~ Todd, KA1KAQ/4

[Non-text portions of this message have been removed]

# 4450. Re: [T-368_BC-610] T-368-E T9 Advice

Yahoo group: T-368_BC-610
Date: 2011-02-11 18:28:23 UTC
From: mac
Topic: 4444  Message: 4450

Mike,

Long term experience here with a couple of T-368s but no leaks. Remember this coming up on the list before, though. Leaking around the terminal seals would seem to be the most likely scenario. Worse comes to worse one might consider flipping the transformer over on it's back with the terminals pointing up. Would require additional mounting hardware and lead extensions of course.

Good luck.

Dennis D. W7QHO
Glendale, CA

**********

On Feb 10, 2011, at 7:46 PM, Mike Murray wrote:

> Good Evening All,
>
> My T-368-E has oil seeping from its T9 HV Plate Transformer. The old
> girl works FB based upon a signal reports during Saturday morning's
> OMR Net. However, I assume my days are numbered.
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> transformers with JB Weld, sparingly used.
> Unless someone has an extra T9 for an E, that is my strategy, also,
> and I would appreciate comments pro, con, or otherwise on this
> strategy.
> I am not yet sure from where exactly the seepage is coming, and that
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> Also, if anyone has repaired an oil filled transformer, what is the
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> reseal it afterward?
>
> TNX es 73,
> de
> KW4HF - Mike
> Chapel Hill, NC
>
> [Non-text portions of this message have been removed]
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# 4451. Re: [T-368_BC-610] T-368-E T9 Advice

Yahoo group: T-368_BC-610
Date: 2011-02-12 00:38:09 UTC
From: Joe Foley
Topic: 4444  Message: 4451

The dimples on the top of the transformer are solder-in-place covers for filling with oil. Most likely the oil is coming out of the HV insulators.  Do not solder on these posts as the heat will most likely make the problem worse.  You can try to clean the area around the insulator with alcohol and then use some very thin super glue around the base.

It worked for me!

Joe

--- On Thu, 2/10/11, Mike Murray <kw4hf@...m> wrote:

From: Mike Murray <kw4hf@...>
Subject: [T-368_BC-610] T-368-E T9 Advice
To: T-368_BC-610@yahoogroups.com
Date: Thursday, February 10, 2011, 10:46 PM

Good Evening All,

My T-368-E has oil seeping from its T9 HV Plate Transformer. The old girl works FB based upon a signal reports during Saturday morning's OMR Net. However, I assume my days are numbered.

I saw an old post on AMFone.net in regards to repairing oil filled transformers with JB Weld, sparingly used.

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TNX es 73,

de

KW4HF - Mike

Chapel Hill, NC

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# 4452. FS: Powerstat 20 Amp Variac

Yahoo group: T-368_BC-610
Date: 2011-02-12 04:52:02 UTC
From: Bry Carling
Topic: 4452  Message: 4452

FOR SALE: Powerstat 20 Amp Variable Transformer.
0 - 120V AC
Rugged, Quality USA made device with original large knob.

QTY 1 available for $75.00 plus shipping.

[Non-text portions of this message have been removed]

# 4453. Re: [T-368_BC-610] FS: Powerstat 20 Amp Variac

Yahoo group: T-368_BC-610
Date: 2011-02-12 07:46:29 UTC
From: Alan Morriss
Topic: 4452  Message: 4453

hello bry, does the transformer operate from 230 v ? we need one for the bc 610 to power it from 220v . alan g4gen
----- Original Message -----
From: Bry Carling
To: Swan-Net@... ; swan-network@yahoogroups.com ; T-368_BC-610@yahoogroups.com ; TampaBayTradersNet@yahoogroups.com
Sent: Saturday, February 12, 2011 4:52 AM
Subject: [T-368_BC-610] FS: Powerstat 20 Amp Variac

FOR SALE: Powerstat 20 Amp Variable Transformer.
0 - 120V AC
Rugged, Quality USA made device with original large knob.

QTY 1 available for $75.00 plus shipping.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4454. Re: [T-368_BC-610] FS: Powerstat 20 Amp Variac

Yahoo group: T-368_BC-610
Date: 2011-02-12 12:27:07 UTC
From: Bry Carling
Topic: 4452  Message: 4454

Thank you for your e-mail. Not sure about 220V. Sorry but that item
was already sold.

If the deal falls through I will let you know....

Best regards,

Brian Carling, AF4K CRYSTALS

http://www.af4k.com/crystals.htm

On 12 Feb 2011 at 7:46, Alan Morriss wrote:

> hello bry, does the transformer operate from 230 v ? we need one for
> the bc 610 to power it from 220v . alan g4gen
> ----- Original Message -----
> From: Bry Carling
> To: Swan-Net@... ; swan-network@yahoogroups.com ;
> T-368_BC-610@yahoogroups.com ; TampaBayTradersNet@yahoogroups.com
> Sent: Saturday, February 12, 2011 4:52 AM
> Subject: [T-368_BC-610] FS: Powerstat 20 Amp Variac
>
>
>
> FOR SALE: Powerstat 20 Amp Variable Transformer.
> 0 - 120V AC
> Rugged, Quality USA made device with original large knob.
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> Yahoo! Groups Links
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# 4455. FS: Astatic D104 Microphone

Yahoo group: T-368_BC-610
Date: 2011-02-12 12:58:13 UTC
From: Bry Carling
Topic: 4455  Message: 4455

FOR SALE: Astatic D104 Microphone, amplified version.
This is in excellent condition, and is wired for a newer Yaesu rig with the RJ45 connector. WIll work with FT857, FT897 and FT450 and more. Easily rewired for other radios.

Available for $40.00 plus shipping.

73 - Bry, AF4K

[Non-text portions of this message have been removed]

# 4456. reply

Yahoo group: T-368_BC-610
Date: 2011-02-12 14:00:49 UTC
From: Alan Morriss
Topic: 4438  Message: 4456

thanks bry. funnily enough i have been ntold where i can get one in this country. cheers, alan

[Non-text portions of this message have been removed]

# 4457. Re: [T-368_BC-610] T-368-E T9 Advice

Yahoo group: T-368_BC-610
Date: 2011-02-12 15:23:06 UTC
From: Mike Murray
Topic: 4444  Message: 4457

Hi Todd,
FB on all. Thank you for the support; very encouraging.
Wish I had the free time (and electric utility budget - hihi) to really push the duty cycles of my T-3 and BTA-1R.
It's a slippery slope when they are off the air for repairs. Seems like other issues soon creep in once they are back up. Oh, how I do love it, though.
Thanks for the suggestion of an alcohol wipe down to assure adhesion.

Given our close proximity to each other, I'd be delighted to assist you in any way I can even moving our beasts and/or components. Just let me know. Plus, everyone is invited to visit/see/operate the newly organized AM position in the shack.
73
Mike
KW4HF

--- On Fri, 2/11/11, Todd, KA1KAQ <ka1kaq@...> wrote:

From: Todd, KA1KAQ <ka1kaq@...>
Subject: Re: [T-368_BC-610] T-368-E T9 Advice
To:
T-368_BC-610@yahoogroups.com
Date: Friday, February 11, 2011, 12:31 PM

That's the real secret to the longevity of these military and old broadcast

rigs in amateur service, Mike. They don't see the use and abuse they did in

24/7 or RTTY type service. Keeping the bugs from becoming big problems is

the key. Even if you've lost a fair amount of the oil, it's not likely

you'll transmit long enough to overheat things. That's a sizable chunk of

iron able to dissipate quite a bit. Worst case scenario, you add some

additional cooling (though it really shouldn't be necessary).

After you clean and degrease, I'd suggest wiping the area down with a cloth

damp with alcohol to remove any film left from the degreaser. That should

insure a good bond for whatever you end up using to seal things up.

I'm just across the map from you 45 mins or so, over in the

Wilton/Franklinton area. There's a D model sitting in my radio area with a

hard fault in the HV circuit somewhere. Hoping to get it back on the air

soon. Good to know there's at least one other T-368 user in the vicinity.

~ Todd, KA1KAQ/4

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http://videogames.yahoo.com/platform?platform=120121

# 4458. Re: [T-368_BC-610] T-368-E T9 Advice

Yahoo group: T-368_BC-610
Date: 2011-02-12 15:42:01 UTC
From: Mike Murray
Topic: 4444  Message: 4458

Hi Dennis,

Thanks for the advice. Definitely considered flipping T9 over as a worst case. Sounds like terminal leakage is the culprit. Will investigate.

As soon as the T3 is 100%, I'll be working on the T-195. Have a hardy PS built by K0OUX and myself and I hope we'll be OK after replacing the 4X-150D.
But that's the next project.
I'll keep you apprised.

TNX AGN es 73
KW4HF
Mike

--- On Fri, 2/11/11, mac <w7qho@...> wrote:

> From: mac <w7qho@...>
> Subject: Re: [T-368_BC-610] T-368-E T9 Advice
> To: "Mike Murray" <kw4hf@...>
> Cc: T-368_BC-610@yahoogroups.com
> Date: Friday, February 11, 2011, 1:28 PM
> Mike,
>
> Long term experience here with a couple of T-368s but no
> leaks.
> Remember this coming up on the list before, though.
> Leaking around
> the terminal seals would seem to be the most likely
> scenario.  Worse
> comes to worse one might consider flipping the transformer
> over on
> it's back with the terminals pointing up.  Would
> require additional
> mounting hardware and lead extensions of course.
>
> Good luck.
>
> Dennis D. W7QHO
> Glendale, CA
>

---
Sucker-punch spam with award-winning protection.
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http://advision.webevents.yahoo.com/mailbeta/features_spam.html

# 4459. Re: [T-368_BC-610] T-368-E T9 Advice

Yahoo group: T-368_BC-610
Date: 2011-02-12 20:29:31 UTC
From: Gene Beckwith
Topic: 4444  Message: 4459

Joe,

Somewhere back in time...one of the techniques, although a pain, was to remount the xfrmr with the post up rather than down...not a total solution...but is a working solution....I like ur idea of the super glue technique...but it is absolutely imperative to clean/was all oil off the base of the post...must be ''de-greased' so to speak....

Read the posts regularly...not too much work just now on the T3s . . . mine are both working last I was on the air with them...but, with these big beasts getting some miles on them....they need TLC from time to time....

Am currently 're-kitting' an Eldico L100/P100 linear....very little known about it...it's not the amateur version from the '60s...uses three 4x300 and a monster ps...for abt 1.8 kw with no pushing...typical Dayton find...some genius hacked up the wiring...so have stripped the rf deck down to nuts and bolts...with repaint and total rebuild...will take some weeks yet to complete...then on to the Ps...super heavy....2.5kv at one amp...it is also due for re-kitting...

So beyond busy...not much extra time....did make the heavy metal rally a few weeks ago...used my now totally rebuild Globe King 500B . . . what a mess that was...but now the beast is happy, stable and getting great audio reports...dedicated to 160 meters...

Sure would like to do Rochester again...hvn't been in several years...mom in law passed this past summer so ... activity has been totally mixed up for some months...just getting back to routine...and maybe a less complex summer....

Hope all is well with you....

73,

Gene
W8KXR

On 02/11/2011 7:38 PM, Joe Foley wrote:
>
> The dimples on the top of the transformer are solder-in-place covers
> for filling with oil. Most likely the oil is coming out of the HV
> insulators. Do not solder on these posts as the heat will most likely
> make the problem worse. You can try to clean the area around the
> insulator with alcohol and then use some very thin super glue around
> the base.
>
> It worked for me!

>
> Joe
>
> --- On Thu, 2/10/11, Mike Murray <kw4hf@...
> <mailto:kw4hf%40yahoo.com>> wrote:
>
> From: Mike Murray <kw4hf@... <mailto:kw4hf%40yahoo.com>>
> Subject: [T-368_BC-610] T-368-E T9 Advice
> To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> Date: Thursday, February 10, 2011, 10:46 PM
>
>
>
> Good Evening All,
>
> My T-368-E has oil seeping from its T9 HV Plate Transformer. The old
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> TNX es 73,
>
> de
>
> KW4HF - Mike
>
> Chapel Hill, NC
>
> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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>

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# 4460. Re: [T-368_BC-610] T-368-E T9 Advice

Yahoo group: T-368_BC-610
Date: 2011-02-12 21:00:51 UTC
From: rbethman
Topic: 4444  Message: 4460

The best alcohol to use is denatured. Any of the isopropyl and/or
rubbing types have an "oil" content that leave a thin film.

Expressly for cleaning a surface without leaving a film, I keep a one
gallon can of denatured alcohol around. The only other way would be to
obtain pure "grain" alcohol, or Ethanol. That usually ends with with
being harder to obtain and ends up with the state adding extra taxes.

Bob - N0DGN

On 2/12/2011 3:29 PM, Gene Beckwith wrote:
>
> Joe,
>
> Somewhere back in time...one of the techniques, although a pain, was to
> remount the xfrmr with the post up rather than down...not a total
> solution...but is a working solution....I like ur idea of the super glue
> technique...but it is absolutely imperative to clean/was all oil off the
> base of the post...must be ''de-greased' so to speak....
>
> Read the posts regularly...not too much work just now on the T3s . . .
> mine are both working last I was on the air with them...but, with these
> big beasts getting some miles on them....they need TLC from time to
> time....
>
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> known about it...it's not the amateur version from the '60s...uses three
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> down to nuts and bolts...with repaint and total rebuild...will take some
> weeks yet to complete...then on to the Ps...super heavy....2.5kv at one
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>
> So beyond busy...not much extra time....did make the heavy metal rally a
> few weeks ago...used my now totally rebuild Globe King 500B . . . what a
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> audio reports...dedicated to 160 meters...
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> Sure would like to do Rochester again...hvn't been in several
> years...mom in law passed this past summer so ... activity has been
> totally mixed up for some months...just getting back to routine...and
> maybe a less complex summer....
>
> Hope all is well with you....
>
> 73,

> 
> Gene
> W8KXR
> 
> On 02/11/2011 7:38 PM, Joe Foley wrote:
> >
> > The dimples on the top of the transformer are solder-in-place covers
> > for filling with oil. Most likely the oil is coming out of the HV
> > insulators. Do not solder on these posts as the heat will most likely
> > make the problem worse. You can try to clean the area around the
> > insulator with alcohol and then use some very thin super glue around
> > the base.
> >
> > It worked for me!
> >
> > Joe
> >
> > --- On Thu, 2/10/11, Mike Murray <kw4hf@...
> <mailto:kw4hf%40yahoo.com>
> > <mailto:kw4hf%40yahoo.com>> wrote:
> >
> > From: Mike Murray <kw4hf@... <mailto:kw4hf%40yahoo.com>
> <mailto:kw4hf%40yahoo.com>>
> > Subject: [T-368_BC-610] T-368-E T9 Advice
> > To: T-368_BC-610@yahoogroups.com
> <mailto:T-368_BC-610%40yahoogroups.com>
> <mailto:T-368_BC-610%40yahoogroups.com>
> > Date: Thursday, February 10, 2011, 10:46 PM
> >
> >
> >
> > Good Evening All,
> >
> > My T-368-E has oil seeping from its T9 HV Plate Transformer. The old
> > girl works FB based upon a signal reports during Saturday morning's
> > OMR Net. However, I assume my days are numbered.
> >
> > I saw an old post on AMFone.net in regards to repairing oil filled
> > transformers with JB Weld, sparingly used.
> >
> > Unless someone has an extra T9 for an E, that is my strategy, also,
> > and I would appreciate comments pro, con, or otherwise on this strategy.
> >
> > I am not yet sure from where exactly the seepage is coming, and that
> > may be a factor.
> >
> > Also, if anyone has repaired an oil filled transformer, what is the
> > best way to refill the lost oil? Punch a fill hole in the top and
> > reseal it afterward?
> >

> > TNX es 73,
> >
> > de
> >
> > KW4HF - Mike
> >
> > Chapel Hill, NC
> >
> > [Non-text portions of this message have been removed]
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

--
+---------------------------------------------------------------------+
| AM Amateur Radio Operator NØDGN |
+---------------------------------------------------------------------+
| http://home.comcast.net/~rbethman/ |
+---------------------------------------------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| \\ ~ ~ // signal does *NOT* mean |
| rbethman@comcast.net (/ @ @ /) that everything is OK " |
+----------------------o00o---°(_)°---o00o-------------------------+

[Non-text portions of this message have been removed]

# 4461. Re: [T-368_BC-610] T-368-E T9 Advice

Yahoo group: T-368_BC-610
Date: 2011-02-14 14:25:00 UTC
From: Mark Foltarz
Topic: 4444  Message: 4461

Group,

Curious timing that this post should come up now. It has been about 3 years almost to the day since I cured a leak on the plate transformer of my T-368-F. Oil was seeping from one of the insulator orings.

My solution was to remove the transformer.
Invert it on the work table.
Thoroughly degrease the area.
Apply a liberal ( one of the better uses for that word ) application of JB Weld to the insulator.
Seal the immediate area and outward  two inches or so.
Apply more if necessary to "build the area up."
Let cure for specified time.
Like I said, been three years and no more oil seepage - I keep a sheet of paper underneath it to indicate any problems.

de KA4JVY

Mark

>
>From: Mike Murray <kw4hf@yahoo.com>
>To: T-368_BC-610@yahoogroups.com
>Sent: Thu, February 10, 2011 10:46:11 PM
>Subject: [T-368_BC-610] T-368-E T9 Advice
>
>
>Good Evening All,
>
>My T-368-E has oil seeping from its T9 HV Plate Transformer. The old girl works
>FB based upon a signal reports during Saturday morning's OMR Net. However, I
>assume my days are numbered.
>
>I saw an old post on AMFone.net in regards to repairing oil filled transformers
>with JB Weld, sparingly used.
>
>Unless someone has an extra T9 for an E, that is my strategy, also, and I would
>appreciate comments pro, con, or otherwise on this strategy.
>
>I am not yet sure from where exactly the seepage is coming, and that may be a
>factor.
>
>Also, if anyone has repaired an oil filled transformer, what is the best way to
>refill the lost oil? Punch a fill hole in the top and reseal it afterward?
>

>TNX es 73,
>de
>KW4HF - Mike
>Chapel Hill, NC
>
>[Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

# 4462. Re: [T-368_BC-610] T-368-E T9 Advice

Yahoo group: T-368_BC-610
Date: 2011-02-15 16:17:08 UTC
From: Todd, KA1KAQ
Topic: 4444  Message: 4462

On Sat, Feb 12, 2011 at 10:23 AM, Mike Murray <kw4hf@...> wrote:

> Hi Todd,
>
> FB on all. Thank you for the support; very encouraging.
> Wish I had the free time (and electric utility budget - hihi) to really
> push the duty cycles of my T-3 and BTA-1R.
> It's a slippery slope when they are off the air for repairs. Seems like
> other issues soon creep in once they are back up. Oh, how I do love it,
> though.
>

I can relate only too well, Mike. Next to the 32V-2 Peanut Whistle, the T-368 is the 'small' transmitter here. The largest is a converted Collins 21E which the former owner said raised his electricity bill by roughly $150/month when he used it regularly, several nights per week.

Of course, everything here on the transmitter side is currently broken or down for one reason or another. Hopefully that will change soon, and even the T-368D will finally return to the air. It was given to me by W1DEC in 2006 as a wedding gift, and hasn't been on the air since at least 2005 due to a HV short.

Given our close proximity to each other, I'd be delighted to assist you in
> any way I can even moving our beasts and/or components. Just let me know.
> Plus, everyone is invited to visit/see/operate the newly organized AM
> position in the shack.
>

Ditto, Mike. I've met many of the local group so far (Nick England, JP, Jon Brewer, Tom Bridgers, Wilson Lamb and many others) at Shelby and elsewhere. Looking forward to meeting up with you in the near future. The Raleigh 'fest is just around the corner.

Good luck with the oil leak, be sure to let us know what you find.

~ Todd, KA1KAQ/4

[Non-text portions of this message have been removed]

# 4463. Re: FS: T-368F in Southern California

Yahoo group: T-368_BC-610
Date: 2011-02-17 20:50:24 UTC
From: JeffK
Topic: 4415  Message: 4463

We've just uncovered the MD239A/GR FSK modulator and TN-339/GR antenna tuner for the T-368. The transmitter has been sold, but these are still available:

http://www.lafn.org/~jeffk/T-368-3.html

'JK

--- In T-368_BC-610@yahoogroups.com, "JeffK" <jeffk@...> wrote:
>
> Hi,
>
> This is a work in progress, but the T-368 pics are there now:
>
> http://www.lafn.org/~jeffk/Sale.html
>
> Regards,
> Jeff W6JK
>
>
>
> --- In T-368_BC-610@yahoogroups.com, "JeffK" <jeffk@> wrote:
> >
> > Hi All,
> >
> > I have a T-368F in very nice condition for sale in So. Cal. I'd rather keep it but there's just no way to get it into the 2nd floor condo. It's currently residing in a 14-foot box truck with a lift gate, which is also for sale, and delivery is negotiable. You can come and see it in Torrance, if you'd like. Priced to move at $1000 for the transmitter, $3000 for the truck.
> >
> > Jeff W6JK
> > w6jk@
> >
>

# 4464. Tek 434 manual?

Yahoo group: T-368_BC-610
Date: 2011-02-18 00:41:01 UTC
From: ralph
Topic: 4464  Message: 4464

Hi all,

I was just given a Tek 434 scope that isn't working altogether right and I need a service manual for it if anyone has one real cheap.

I also need a few knobs, like the Channel 2 volt/div. knob and the Ch. 2 position knob.

Thanks,

Joe

# 4465. FS: Glass vacuum caps.

Yahoo group: T-368_BC-610
Date: 2011-02-24 11:34:58 UTC
From: Bry Carling
Topic: 4465  Message: 4465

FOR SALE: Glass vacuum capacitors.

QTY 1 Vacuum Variable - 0 to 150 pF at 10 kV (possibly 20 kV) - missing hardware - $20.00
QTY 2 X Jennings fixed 100 pF at 20 KV caos - $5.00 each
Shipping additional.

73 - Brian "Bry" Carling, AF4K

[Non-text portions of this message have been removed]

# 4466. FS: Heathkit HM-15 SWR meter

Yahoo group: T-368_BC-610
Date: 2011-02-24 11:45:12 UTC
From: Bry Carling
Topic: 4466  Message: 4466

For Sale:

Heathkit HM-15 SWR Meter, excellent - $22.00
Heathkit HM-15 manual, excellent - $5.00
Buy both for $25.00

Shipping additional.

73 & thanks for looking - Brian "Bry" Carling, AF4K

[Non-text portions of this message have been removed]

# 4467. Re: [T-368_BC-610] FS: Glass vacuum caps.

Yahoo group: T-368_BC-610
Date: 2011-02-24 12:00:59 UTC
From: Alan Morriss
Topic: 4465  Message: 4467

hello bry , i am looking for a jennings 150 pf cap . if ever you get one, i am your man.
alan g4gen
----- Original Message -----
From: Bry Carling
To: swan-network@yahoogroups.com ; T-368_BC-610@yahoogroups.com ;
TampaBayTradersNet@yahoogroups.com
Sent: Thursday, February 24, 2011 11:34 AM
Subject: [T-368_BC-610] FS: Glass vacuum caps.

FOR SALE: Glass vacuum capacitors.

QTY 1 Vacuum Variable - 0 to 150 pF at 10 kV (possibly 20 kV) - missing
hardware - $20.00
QTY 2 X Jennings fixed 100 pF at 20 KV caos - $5.00 each
Shipping additional.

73 - Brian "Bry" Carling, AF4K

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4468. Re: [T-368_BC-610] FS: Glass vacuum caps.

Yahoo group: T-368_BC-610
Date: 2011-02-24 13:30:42 UTC
From: bcarling@cfl.rr.com
Topic: 4468  Message: 4468

ok

Sent from myTouch 4G

----- Reply message -----
From: "Alan Morriss" <mohawk@...>
To: <T-368_BC-610@yahoogroups.com>
Subject: [T-368_BC-610] FS: Glass vacuum caps.
Date: Thu, Feb 24, 2011 7:00 am

hello bry , i am looking for a jennings 150 pf cap . if ever you get one, i am your man.
alan g4gen
----- Original Message -----
From: Bry Carling
To: swan-network@yahoogroups.com ; T-368_BC-610@yahoogroups.com ;
TampaBayTradersNet@yahoogroups.com
Sent: Thursday, February 24, 2011 11:34 AM
Subject: [T-368_BC-610] FS: Glass vacuum caps.

FOR SALE: Glass vacuum capacitors.

QTY 1 Vacuum Variable - 0 to 150 pF at 10 kV (possibly 20 kV) - missing
hardware - $20.00
QTY 2 X Jennings fixed 100 pF at 20 KV caos - $5.00 each
Shipping additional.

73 - Brian "Bry" Carling, AF4K

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

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Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 4469. Forest Service Radios DVD

Yahoo group: T-368_BC-610
Date: 2011-02-24 19:23:06 UTC
From: mac
Topic: 4469  Message: 4469

All,

Interesting new DVD now available covering US Forest Service radio development and use 1930 - 1960. Presentation by Rick Ferranti, W6NIR who also brought you "Radar Before the Magnetron." Again, a $5 donation requested to cover production and mailing costs.

Dennis D. W7QHO
Glendale, CA

# 4470. FS: Bendix T-368E

Yahoo group: T-368_BC-610
Date: 2011-02-25 13:16:25 UTC
From: polaraligned
Topic: 4470  Message: 4470

In good condition.
I have extras including rf tuning deck, several antenna tuners, dummy load/switch, NOS 6000 tube, and more.
Prefer to sell with the extras, but may separate them.

Asking $1500.
Located in Northern NJ.

Thanks,
Scott
Polaraligned@...

# 4471. Re: [T-368_BC-610] FS: Bendix T-368E

Yahoo group: T-368_BC-610
Date: 2011-02-25 15:30:12 UTC
From: Rich Yost
Topic: 4470  Message: 4471

where in northern NJ ?
could you send some pictures ?

Rich
n2ry

From: polaraligned <polaraligned@...>
To: T-368_BC-610@yahoogroups.com
Cc:
Sent: Friday, February 25, 2011 8:16 AM
Subject: [T-368_BC-610] FS: Bendix T-368E

In good condition.
I have extras including rf tuning deck, several antenna tuners, dummy load/switch, NOS 6000 tube, and more.
Prefer to sell with the extras, but may separate them.

Asking $1500.
Located in Northern NJ.

Thanks,
Scott
Polaraligned@...

[Non-text portions of this message have been removed]

# 4472. FS: T-368 AM/CW Transmitter

Yahoo group: T-368_BC-610
Date: 2011-02-25 21:45:59 UTC
From: Niel - W0VLZ
Topic: 4472  Message: 4472

The History Center of Olmsted County, MN is selling a T-368 AM/CW transmitter.

For more information see http://www.prismnet.com/~nielw/T368F

73
Niel - W0VLZ

# 4473. Re: [Boatanchors] FS T-368 AM/CW Transmitter

Yahoo group: T-368_BC-610
Date: 2011-02-25 21:59:41 UTC
From: mac
Topic: 4473  Message: 4473

All together, looks like a great 2-for-1 deal for someone in the
vicinity.

Dennis D. W7QHO
Glendale, CA

**********
On Feb 25, 2011, at 1:53 PM, Niel - W0VLZ wrote:

> The History Center of Olmsted County, MN is selling a T-368 AM/CW
> transmitter.
>
> For more information see http://www.prismnet.com/~nielw/T368F
>
> 73,
> Niel - W0VLZ
> _____________________________________________________________
> Boatanchors mailing list
> Home: http://mailman.qth.net/mailman/listinfo/boatanchors
> Help: http://mailman.qth.net/mmfaq.htm
> Post: mailto:Boatanchors@...
>
> List Administrator: Duane Fischer, W8DBF
> ** For Assistance: dfischer at usol.com **
>
>
> This list hosted by: http://www.qsl.net
> Please help support this email list: http://www.qsl.net/donate.html

# 4474. Re: [T-368_BC-610] FS: T-368 AM/CW Transmitter

Yahoo group: T-368_BC-610
Date: 2011-02-25 22:21:42 UTC
From: aa9il@sbcglobal.net
Topic: 4472  Message: 4474

Greetings Niel
Did you use to live in Austin?  I might have visited you along with Paul N1AAC back in 1989.  I recall you had a big navy transmitter you just acquired.  Anyway wanted to say howdy.  I recall you also had a very neat mouse key.  I finally got a mouse key last year.
73 de AA9IL
Mike Kana (formerly KA5WOT)

--- On Fri, 2/25/11, Niel - W0VLZ <w0vlz@...> wrote:

From: Niel - W0VLZ <w0vlz@aggienetwork.com>
Subject: [T-368_BC-610] FS: T-368 AM/CW Transmitter
To: T-368_BC-610@yahoogroups.com
Date: Friday, February 25, 2011, 3:45 PM

The History Center of Olmsted County, MN is selling a T-368 AM/CW

transmitter.

For more information see http://www.prismnet.com/~nielw/T368F

73

Niel - W0VLZ

[Non-text portions of this message have been removed]

# 4475. FS: Large 4.25 Henry Choke

Yahoo group: T-368_BC-610
Date: 2011-02-28 20:17:20 UTC
From: Bry Carling
Topic: 4475  Message: 4475

FOR SALE: General Electric ChokeType 7471984

4.25 H at 39 ohms resistance. Current rating appears to read
4.45A but not sure. Made in Schenectady, NY
Dimensions: 5" X 3-5/8" X 4-3/8" tall.
Painted gray, potted, and as ceramic screw terminals with brass
nuts on the top of one end.
Mounts via four screw #10 holes in base.

QTY 1 available for $15.00 plus shipping.

73 de AF4K, Bry Carling

[Non-text portions of this message have been removed]

# 4476. HO17

Yahoo group: T-368_BC-610
Date: 2011-03-05 14:03:05 UTC
From: Alan Morriss
Topic: 4476  Message: 4476

hello guys, for those who could afford it, i am told that there is an HO17 shelter with all equipment , BC610 etc., for sale in holland . the asking price is 5000 euros. jan is checking it out to see if it really has all the stuff inside. alan g4gen

[Non-text portions of this message have been removed]

# 4477. FS: 1500 Watt tuner

Yahoo group: T-368_BC-610
Date: 2011-03-09 22:15:29 UTC
From: Bry Carling
Topic: 4477  Message: 4477

FOR SALE:  Beautiful High Power HF Antenna Tuner with Roller Inductor
and Balun. Has heavy duty components and must be at least 1500 watt
rating.
Vernier tuning dials, and a clear numberical readout for the roller inductor.
Antenna connections uinclude single wire, balanced feedline and coax.
Connection
to transmitter is via SO-239 coax connector.
Another nice feature of this tuner is the perforated, slant cabinet,
which matches Collins equipment.
Will outperform most commercially available tuners of today.

Available for $175.00 plus shipping.

Pictures and details here:
http://www.af4k.com/radios.htm

73 & thanks for looking - Bry Carling, AF4K

[Non-text portions of this message have been removed]

# 4478. FS: Lacing cord

Yahoo group: T-368_BC-610
Date: 2011-03-14 22:10:31 UTC
From: Bry Carling
Topic: 4478  Message: 4478

FOR SALE LACING CORD - new old stock military style nylon braided
cord for making or repairing traditional wiring harnesses.

I have two spools left. One is 500 yards by Breyden Products, Columbia
CIty, Indiana.
The other is 250 yards =from A.E. Pesche Co.
Both are natural finish. Cream colour.

QTY 1 each available

250 yards = $10.00 plus shipping
500 yards = $12.00 plus shipping

73 - AF4K, Bry Carling
Florida

http://www.af4k.com

[Non-text portions of this message have been removed]

# 4479. Ernst Krenkel's BC-610-E

Yahoo group: T-368_BC-610
Date: 2011-03-15 06:44:22 UTC
From: Roger Basford
Topic: 4479  Message: 4479

Hi All,

I found a little bit of BC-610 history whilst browsing a link from the WS-19 group this morning, a photo and some details of the BC-610-E used by RAEM/Ernst Krenkel, a Hero of the former Soviet Union. See:-

http://www.rkk-museum.ru/vitr_all/v17_e.shtml

The RKK museum is worth a look too, lots of well-restored WWII Allied and especially German gear on show at:-

http://www.rkk-museum.ru/vitr_all/v16_e.shtml

There's a recent British article on Krenkel here:-

http://hamgallery.com/Tribute/RAEM/krenkel.pdf

Good to see his '610 is still in existence, although it looks a little battered and probably won't benefit from the AR-88 sitting on top!

For a brief history of the SCR-299/399 in Russia, see:-

http://www.w9wze.net/df.php?dn=Features/Hallicrafters_in_WWII/Marshall_Zhukov.wp

73

Roger/G3VKM - Norfolk, England.

# 4480. ME165 for sale

Yahoo group: T-368_BC-610
Date: 2011-03-16 18:46:25 UTC
From: polaraligned
Topic: 4480  Message: 4480

Nice as you get.
Depot refurbished.
See Pic here:
http://smg.photobucket.com/albums/v223/polaraligned/T-368/?action=view¤t=DSCN6020.jpg

$130 plus shipping

Also have TN-339 tuner and SA-390 Dummy/switch

Also, spare RF deck for T-368

See pics in same album as above.

Scott

# 4481. Re: [T-368_BC-610] ME165 for sale

Yahoo group: T-368_BC-610
Date: 2011-03-16 21:28:43 UTC
From: Frank Mercurio
Topic: 4480  Message: 4481

There is no "tn-939" or "spare RF deck for T-368" in your album

polaraligned wrote:
>
> Nice as you get.
> Depot refurbished.
> See Pic here:
> http://smg.photobucket.com/albums/v223/polaraligned/T-368/?action=view¤t=DSCN6020.jpg
> <http://smg.photobucket.com/albums/v223/polaraligned/T-368/?action=view¤t=DSCN6020.jpg>
>
> $130 plus shipping
>
> Also have TN-339 tuner and SA-390 Dummy/switch
>
> Also, spare RF deck for T-368
>
> See pics in same album as above.
>
> Scott
>
>

# 4482. Re: [T-368_BC-610] ME165 for sale

Yahoo group: T-368_BC-610
Date: 2011-03-16 23:57:13 UTC
From: Rodger Hough
Topic: 4480  Message: 4482

Are you referring to the VFO in this photo grouping?

http://smg.photobucket.com/albums/v223/polaraligned/T-368/

Rodger K1HH
On Mar 16, 2011, at 2:46 PM, polaraligned wrote:

> Nice as you get.
> Depot refurbished.
> See Pic here:
> http://smg.photobucket.com/albums/v223/polaraligned/T-368/?action=view?t=DSCN6020.jpg
>
> $130 plus shipping
>
> Also have TN-339 tuner and SA-390 Dummy/switch
>
> Also, spare RF deck for T-368
>
> See pics in same album as above.
>
> Scott
>
>

[Non-text portions of this message have been removed]

# 4483. R-25/ARC/5 SCORED !

Yahoo group: T-368_BC-610
Date: 2011-04-01 22:24:32 UTC
From: Gene
Topic: 4483  Message: 4483

scored a r-25/arc5 w/dynamoter today.

asking price was $5.00.

gave did give more, then the asking price,

Gene, WB7NGI

# 4484. RE: [T-368_BC-610] R-25/ARC/5 SCORED !

Yahoo group: T-368_BC-610
Date: 2011-04-01 22:46:06 UTC
From: Tom Mackie
Topic: 4483  Message: 4484

Story is not valid until we hear it on the air!

Good score.

Tom W2 ILA

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
On Behalf Of Gene
Sent: Friday, April 01, 2011 6:25 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] R-25/ARC/5 SCORED !

scored a r-25/arc5 w/dynamoter today.

asking price was $5.00.

gave did give more, then the asking price,

Gene, WB7NGI

[Non-text portions of this message have been removed]

# 4485. Re: [T-368_BC-610] R-25/ARC/5 SCORED !

Yahoo group: T-368_BC-610
Date: 2011-04-01 22:49:24 UTC
From: MOGGY2@aol.com
Topic: 4483  Message: 4485

ok, i will try to modulate the local osc. HI

[Non-text portions of this message have been removed]

# 4486. Fw: [EuroBA] Beware this seller!

Yahoo group: T-368_BC-610
Date: 2011-04-03 18:41:18 UTC
From: Alan Morriss
Topic: 4486  Message: 4486

----- Original Message -----
From: Francesco Sartorello
To: euro_ba_swap@yahoogroups.com
Sent: Sunday, April 03, 2011 7:06 PM
Subject: [EuroBA] Beware this seller!

Hello friends,
bought on ebay item number 130487345390 ( Clansman PRC 320 military radio complete pack kit) the past february 21 from this seller tactical-x-hire
with excellent feedback story, and paid 475 GBP via Paypal, shipping included.
Problem is the seller disappeared, did not respond to personal emails or ebay messages, did not refund payment, never heard since.
While waiting for a solution by ebay, I feel obliged to warn all members of this and other related groups: this guy is still has auctions in progress everywhere.
Will keep the group informed.
All the best!
Francesco Sartorello
Italy

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4487. Re: Fw: [EuroBA] Beware this seller!

Yahoo group: T-368_BC-610
Date: 2011-04-04 07:46:52 UTC
From: Roger Basford
Topic: 4486  Message: 4487

Alan,

My first reaction was to cross-post this to Yahoo PRC-320 but I did a few ebay checks first. I would beware of cross-posting this message on a UK group in case you land yourself in the soup with libel law! The seller still seems to be on ebay and is selling more PRC-320s, with 100% feedback. This alert could be perfectly genuine, a hoax or possibly an attempt to blacken the seller's reputation. I don't know who "tactical-x-hire" is and I've never traded with him. I stick to a local Norfolk dealer for Clansman kit and collect in person.

Just my 2 pence-worth,

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
>
> ----- Original Message -----
> From: Francesco Sartorello
> To: euro_ba_swap@yahoogroups.com
> Sent: Sunday, April 03, 2011 7:06 PM
> Subject: [EuroBA] Beware this seller!
>
>
>
> Hello friends,
> bought on ebay item number 130487345390 ( Clansman PRC 320 military radio complete pack kit) the past february 21 from this seller tactical-x-hire
> with excellent feedback story, and paid 475 GBP via Paypal, shipping included.
> Problem is the seller disappeared, did not respond to personal emails or ebay messages, did not refund payment, never heard since.
> While waiting for a solution by ebay, I feel obliged to warn all members of this and other related groups: this guy is still has auctions in progress everywhere.
> Will keep the group informed.
> All the best!
> Francesco Sartorello
> Italy
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 4488. Reduced: RF Tank Coils

Yahoo group: T-368_BC-610
Date: 2011-04-08 12:54:45 UTC
From: Bry Carling
Topic: 4488  Message: 4488

Reduced - RF Tank Coils for sale.

Group of 4 useful RF power amplifier tank coils, suitable for QRO applications etc.

GROUP OF 4 TANK COILS

Here are four surplus RF tank coils. Two are plug-in,
jackbar types with center tap and coupling coil. One has
the banana plugs missing but these are easy to replace
with standard banana plug parts. The other two comprise
a ceramic coil, and a phenolic core coil.

Available for $9.00 each or will sell all four for
$30.00 plus shipping.

http://www.af4k.com/imag/ham/COIL1.jpg

http://www.af4k.com/imag/ham/COIL2.jpg

http://www.af4k.com/imag/ham/COIL3.jpg

http://www.af4k.com/imag/ham/COIL4.jpg

Details at:
http://www.af4k.com/miscpart.htm

73 de AF4K - Bry

[Non-text portions of this message have been removed]

# 4489. List Archives ?

Yahoo group: T-368_BC-610
Date: 2011-04-09 10:02:07 UTC
From: w1rc
Topic: 4489  Message: 4489

G'day All:

Are the archives of the posting on this reflector available for download? If so where do the files reside? I don't seem to be able to find them.

73,

Michael, W1RC

# 4490. Re: List Archives ?

Yahoo group: T-368_BC-610
Date: 2011-04-09 19:46:37 UTC
From: Roger Basford
Topic: 4489  Message: 4490

Michael,

Do you access this reflector via its web page? If so, the old postings are available by clicking on "Messages" in the sidebar menu. The direct URL for the web page is:-

http://groups.yahoo.com/group/T-368_BC-610/

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "w1rc" <subs@...> wrote:
>
> G'day All:
>
> Are the archives of the posting on this reflector available for download? If so where do the files reside? I don't seem to be able to find them.
>
> 73,
>
> Michael, W1RC
>

# 4491. Re: [T-368_BC-610] Re: List Archives ?

Yahoo group: T-368_BC-610
Date: 2011-04-09 19:57:45 UTC
From: rbethman
Topic: 4489  Message: 4491

The ONLY method is the Yahoo messages that are there since 1999.

There is NO *FILE* that can be downloaded!

Bob - N0DGN

On 4/9/2011 3:46 PM, Roger Basford wrote:
>
> Michael,
>
> Do you access this reflector via its web page? If so, the old postings
> are available by clicking on "Messages" in the sidebar menu. The
> direct URL for the web page is:-
>
> http://groups.yahoo.com/group/T-368_BC-610/
>
> 73
>
> Roger/G3VKM
>
> --- In T-368_BC-610@yahoogroups.com
> <mailto:T-368_BC-610%40yahoogroups.com>, "w1rc" <subs@...> wrote:
> >
> > G'day All:
> >
> > Are the archives of the posting on this reflector available for
> download? If so where do the files reside? I don't seem to be able to
> find them.
> >
> > 73,
> >
> > Michael, W1RC
> >
>

[Non-text portions of this message have been removed]

# 4492. Re: List Archives ?

Yahoo group: T-368_BC-610
Date: 2011-04-09 20:11:37 UTC
From: Roger Basford
Topic: 4489  Message: 4492

That's right, just go to "Messages", click on "oldest" at the bottom of the page and you will see all postings, a page at at a time, from Day One in 1999.

--- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@...> wrote:
>
> The ONLY method is the Yahoo messages that are there since 1999.
>
> There is NO *FILE* that can be downloaded!
>
> Bob - N0DGN
>

# 4493. T-946/GRC-129 Posting picture to Photo Album ??

Yahoo group: T-368_BC-610
Date: 2011-04-16 01:21:00 UTC
From: douglasnyman@aol.com
Topic: 4493  Message: 4493

Thanks for my membership to the group. I have a picture of the whole AN/GRC-129 system, well most of it. If it is not possible that is fine. I am going to put up for sale the transmitter section and possibly the receiver section later. I would be happy to share what ever information I have to the group. None of the equipment has been powered up. I have attached a picture of it. Regards, Doug SWL

[Non-text portions of this message have been removed]

# 4494. Re: T-946/GRC-129 Posting picture to Photo Album ??

Yahoo group: T-368_BC-610
Date: 2011-04-16 06:08:08 UTC
From: Roger Basford
Topic: 4493  Message: 4494

Hi Doug,

Yahoo strips off attachments; you'll need to go to the photos section and upload it there:-

http://groups.yahoo.com/group/T-368_BC-610/photos/album/0/list

Regards

Roger/G3VKM

--- In T-368_BC-610@...m, douglasnyman@... wrote:
>
> Thanks for my membership to the group. I have a picture of the whole
> AN/GRC-129 system, well most of it. If it is not possible that is fine. I am
> going to put up for sale the transmitter section and possibly the receiver
> section later. I would be happy to share what ever information I have to the
> group. None of the equipment has been powered up. I have attached a picture
> of it. Regards, Doug SWL
>
>
> [Non-text portions of this message have been removed]
>

# 4495. (no subject)

Yahoo group: T-368_BC-610
Date: 2011-04-17 13:43:30 UTC
From: James M. Walker
Topic: 4495  Message: 4495

what the heck is wrong with this yahoo groups thing?
guy sends email, I go to "groups" and there is nothing there!
More Phishing I suspect.
Jim
WB2FCN/WD2XSH-22

# 4497. Ignore message previously posted!

Yahoo group: T-368_BC-610
Date: 2011-05-03 13:58:44 UTC
From: rbethman
Topic: 4497  Message: 4497

Until his mail gets cleared up, he's been blocked, and the message has
been deleted from the archives.

Bob - N0DGN

# 4498. Bad Message - Suggestions

Yahoo group: T-368_BC-610
Date: 2011-05-03 16:35:54 UTC
From: rbethman
Topic: 4498  Message: 4498

The first thing to consider:

Make your password a STRONG one!

1) Eight or more characters, Use upper and lowercase, and include
at Least one "special character".

(Those are the ones that are uppercase above the numbers.)

Next:

Avoid using Web access to store your address book.

Those that would hijack an account reap ALL addresses stored on-line!

Please use a "local" E-mail Client if possible!

I've been using Thunderbird for years. There definitely are others!

I personally avoid Outlook like the plague. NO - I am NOT anti-MS!
There has just been too many ways to get into it!

Bob - N0DGN

# 4499. ME165/G meter movement WTB

Yahoo group: T-368_BC-610
Date: 2011-05-03 20:39:17 UTC
From: Tom Mackie
Topic: 4499  Message: 4499

Hello All,

I am looking for a replacement meter for my ME165/G. It's a 0-1ma movement but I am trying to have an original fit-form-function. The failed movement is a Phastron (sp?) which seems to be a physical oddball for replacing only the movement unless there is a 0-1ma Phastron movement available. If not a complete replacement meter is needed.

Feel free to contact me directly w2ila@...

73 and tnx

Tom

[Non-text portions of this message have been removed]

# 4501. Re: [T-368_BC-610] ME165/G meter movement WTB

Yahoo group: T-368_BC-610
Date: 2011-05-04 22:21:32 UTC
From: Joe Foley
Topic: 4499  Message: 4501

Try Fair Radio, they sell those whole units.

Joe

--- On Tue, 5/3/11, Tom Mackie <tom_mackie@...> wrote:

From: Tom Mackie <tom_mackie@trimble.com>
Subject: [T-368_BC-610] ME165/G meter movement WTB
To: "T368 reflector" <T-368_BC-610@yahoogroups.com>
Date: Tuesday, May 3, 2011, 4:39 PM

Hello All,

I am looking for a replacement meter for my ME165/G. It's a 0-1ma

movement but I am trying to have an original fit-form-function. The

failed movement is a Phastron (sp?) which seems to be a physical oddball

for replacing only the movement unless there is a 0-1ma Phastron

movement available. If not a complete replacement meter is needed.

Feel free to contact me directly w2ila@cox.net

73 and tnx

Tom

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4503. WANTED: T-368 Transmitter

Yahoo group: T-368_BC-610
Date: 2011-05-09 16:55:45 UTC
From: Gary H. Harmon, Jr.
Topic: 4503  Message: 4503

Please reply to Ron (AB5WG) at ab5wg@...

I'm looking for a T-368 that needs adoption. Must be in South Central Texas area. Please email me if you have one or know of someone who may have one for adoption.

73.

Gary H. Harmon, Jr. - K5JWK

6003 Archwood

San Antonio, TX 78239-1504

210.657.1549h / 210.884.6926c

"Retirement means every day is a Saturday except Sunday"

[Non-text portions of this message have been removed]

# 4504. Re: [T-368_BC-610] WANTED: T-368 Transmitter

Yahoo group: T-368_BC-610
Date: 2011-05-16 11:54:50 UTC
From: w5kgz@yahoo.com
Topic: 4503  Message: 4504

Gary I  have one that needs some repair one it It hase ben mostly restored with the exception of some open leads to the RF deck and a open lead to the audio deck would like to get 450 for it if interested will send picture
W5kgz@...

From: "Gary H. Harmon, Jr." <gharmon@...>
To: T-368_BC-610@yahoogroups.com
Sent: Monday, May 9, 2011 11:55 AM
Subject: [T-368_BC-610] WANTED: T-368 Transmitter

Please reply to Ron (AB5WG) at ab5wg@...

I'm looking for a T-368 that needs adoption. Must be in South Central Texas area. Please email me if you have one or know of someone who may have one for adoption.

73.

Gary H. Harmon, Jr. - K5JWK

6003 Archwood

San Antonio, TX 78239-1504

210.657.1549h / 210.884.6926c

"Retirement means every day is a Saturday except Sunday"

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4505. RE: [T-368_BC-610] WANTED: T-368 Transmitter

Yahoo group: T-368_BC-610
Date: 2011-05-16 12:25:20 UTC
From: Gary H. Harmon, Jr.
Topic: 4503  Message: 4505

Good morning and thanks for the reply. I forwarded your email to my good friend Ron. He is the one looking for one. I would love to see the pics and will forward them to him as well.

Ron's email is ab5wg@... and he lives in Bulverde, TX. You are in Beaumont? My in-laws used to live in Pear Ridge. He was a preacher there.

I really appreciate your reply.

Vr,

Gary H. Harmon, Jr. - K5JWK

6003 Archwood

San Antonio, TX 78239-1504

210.657.1549h / 210.884.6926c

"Retirement means every day is a Saturday except Sunday"

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of w5kgz@...
Sent: Monday, May 16, 2011 6:55 AM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] WANTED: T-368 Transmitter

Gary I have one that needs some repair one it It hase ben mostly restored with the exception of some open leads to the RF deck and a open lead to the audio deck would like to get 450 for it if interested will send picture
W5kgz@... <mailto:W5kgz%40yahoo.com>

From: "Gary H. Harmon, Jr." <gharmon@... <mailto:gharmon%40idworld.net> >
To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
Sent: Monday, May 9, 2011 11:55 AM
Subject: [T-368_BC-610] WANTED: T-368 Transmitter

Please reply to Ron (AB5WG) at ab5wg@....com <mailto:ab5wg%40satx.rr.com>

I'm looking for a T-368 that needs adoption. Must be in South Central Texas area. Please email me if you have one or know of someone who may have one for adoption.

73.

Gary H. Harmon, Jr. - K5JWK

6003 Archwood

San Antonio, TX 78239-1504

210.657.1549h / 210.884.6926c

"Retirement means every day is a Saturday except Sunday"

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4506. Re: [T-368_BC-610] WANTED: T-368 Transmitter

Yahoo group: T-368_BC-610
Date: 2011-05-16 22:59:54 UTC
From: Geoff Edmonson
Topic: 4503  Message: 4506

On 05/16/2011 06:54 AM, w5kgz@... wrote:
> Gary I have one that needs some repair one it It hase ben mostly restored with the exception of some open leads to the RF deck and a open lead to the audio deck would like to get 450 for it if interested will send picture
> W5kgz@...
>
>
>
> Please reply to Ron (AB5WG) at ab5wg@...
>
> I'm looking for a T-368 that needs adoption. Must be in South Central Texas
> area. Please email me if you have one or know of someone who may have one
> for adoption.
>

Perry, I didn't know you had a T-368. I've got a pair of 4-125's and a 304TL. Might be an interesting mod ;-)

I've also got a pair of 100TH's, if anyone is interested...

73 = Best Regards,
-Geoff/W5OMR

# 4507. BC-610 on Ebay!

Yahoo group: T-368_BC-610
Date: 2011-05-16 23:35:30 UTC
From: ralph
Topic: 4507  Message: 4507

Item Number: 370510403311

This is a basement beauty complete with rust but the inside pictures don't look too bad, should need lots of clean-up, etc.

It's also in Canada, if that is important to you.

Joe

# 4508. Re: [T-368_BC-610] BC-610 on Ebay!

Yahoo group: T-368_BC-610
Date: 2011-05-17 03:31:41 UTC
From: Brian Harris
Topic: 4507  Message: 4508

$3000? I got my cherry I model for $50 and the fellow delivered it plus helped unload and move it in my shack.

Brian Harris, WA5UEK
phone 214-763-5977
email cosmophone@...
website www.myhamshack.com/wa5uek
http://groups.yahoo.com/group/nationalradio/

It is far better to grasp the universe as it really is than to persist in delusion, however satisfying and reassuring. -Carl Sagan

---

From: ralph <redmenaced@...>
To: T-368_BC-610@yahoogroups.com
Sent: Mon, May 16, 2011 6:35:30 PM
Subject: [T-368_BC-610] BC-610 on Ebay!

Item Number: 370510403311

This is a basement beauty complete with rust but the inside pictures don't look too bad, should need lots of clean-up, etc.

It's also in Canada, if that is important to you.

Joe

[Non-text portions of this message have been removed]

# 4509. RE: [T-368_BC-610] BC-610 on Ebay!

Yahoo group: T-368_BC-610
Date: 2011-05-17 04:18:37 UTC
From: Ed Zeranski
Topic: 4507  Message: 4509

Subject: Re: [T-368_BC-610] BC-610 on Ebay!

$3000? I got my cherry I model for $50 and the fellow delivered it plus helped unload and move it in my shack.

Brian Harris, WA5UEK
phone 214-763-5977
email cosmophone@...

I swapped a 1959 Motorola R390A for my I model with two sets of spare tubes, tuners, BC-614 etc and help with loading...but I did unload it myself. That was one filled up Jeep Grand Cherokee!! Gee, Cosmophone?? I think I sent you some 'CX300 tubes years ago.

EdZ KG6UTS

[Non-text portions of this message have been removed]

# 4510. Re: [T-368_BC-610] BC-610 on Ebay!

Yahoo group: T-368_BC-610
Date: 2011-05-17 05:28:12 UTC
From: wa5cab@cs.com
Topic: 4507  Message: 4510

The seller must have been a TTY collector.

In a message dated 5/16/2011 10:31:43 PM Central Daylight Time,
cosmophone@... writes:
> $3000? I got my cherry I model for $50 and the fellow delivered it plus
> helped
> unload and move it in my shack.
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4511. RE: [T-368_BC-610] BC-610 on Ebay!

Yahoo group: T-368_BC-610
Date: 2011-05-18 23:01:47 UTC
From: Joe Foley
Topic: 4507  Message: 4511

Yuk, I just said it was for sale, I didn't say it was anything approaching reality.

Good funny, if nothing else.

Joe

--- On Tue, 5/17/11, Ed Zeranski <edzeranski@...> wrote:

From: Ed Zeranski <edzeranski@...>
Subject: RE: [T-368_BC-610] BC-610 on Ebay!
To: T-368_BC-610@yahoogroups.com
Date: Tuesday, May 17, 2011, 12:18 AM

Subject: Re: [T-368_BC-610] BC-610 on Ebay!

$3000? I got my cherry I model for $50 and the fellow delivered it plus helped
unload and move it in my shack.

Brian Harris, WA5UEK
phone 214-763-5977
email cosmophone@...m

I swapped a 1959 Motorola R390A for my I model with two sets of spare tubes, tuners, BC-614 etc and help with loading...but I did unload it myself. That was one filled up Jeep Grand Cherokee!! Gee, Cosmophone?? I think I sent you some 'CX300 tubes years ago.

EdZ KG6UTS

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4512. Moving a T-368

Yahoo group: T-368_BC-610
Date: 2011-05-19 01:08:39 UTC
From: niel_w0vlz
Topic: 4512  Message: 4512

Next week I'm helping my local museum get their T-368 ready and loaded on a truck bound for the AWA Museum in NY.

I'm certain I've recently seen a photo essay showing T-368 loading, securing, unloading. Can anyone point me towards some photos I can refer to? Two images I recall from the ones I saw...one of the transmitter strapped inside a U-Haul truck and the other of the PS/Modulator deck being slid off the truck on a wooden ramp.

My thought is that this thing was designed to be in the back of a truck...the main thing is to make certain it won't move around and that the decks stay in place. How about the tubes? My thought was to remove and pack the 6000 but the rest can ride in place.

Comments/hints/tips?

tnx es 73,
Niel - W0VLZ
Rochester, MN

# 4513. Re: [T-368_BC-610] Moving a T-368

Yahoo group: T-368_BC-610
Date: 2011-05-19 01:15:43 UTC
From: tvamfm@aol.com
Topic: 4512  Message: 4513

Remove the tubes and pack separately. Be sure all the decks are securely fastened to the cabinet, strap it securely to a pallet after padding with moving blankets and load it up.

73,

John, W4AWM

[Non-text portions of this message have been removed]

# 4514. FS: Midland 13-126 SWR Meter

Yahoo group: T-368_BC-610
Date: 2011-05-19 01:43:08 UTC
From: Bry Carling
Topic: 4514  Message: 4514

For Sale: Midland 13-126 SWR Meter
This is the one one that we ALL used in the 1960s!
Rebuild your novice station just like the old days.

This one looks brand new - in the box. Similar to the one pictured here, only better:
Midland 13-126 SWR Meter Picture

Available for $25.00 plus shipping.

73 - Bry, AF4K

[Non-text portions of this message have been removed]

# 4515. RE: [T-368_BC-610] Moving a T-368

Yahoo group: T-368_BC-610
Date: 2011-05-19 04:14:26 UTC
From: Ed Zeranski
Topic: 4512  Message: 4515

Subject: Re: [T-368_BC-610] Moving a T-368

Remove the tubes and pack separately. Be sure all the decks are securely fastened to the cabinet, strap it securely to a pallet after padding with moving blankets and load it up.

73,

....and wear a truss or jock strap..

[Non-text portions of this message have been removed]

# 4516. Re: [T-368_BC-610] Moving a T-368

Yahoo group: T-368_BC-610
Date: 2011-05-19 10:45:09 UTC
From: Geoff Edmonson
Topic: 4512  Message: 4516

On 05/18/2011 11:14 PM, Ed Zeranski wrote:
> Subject: Re: [T-368_BC-610] Moving a T-368
>
>
>
> ....and wear a truss or jock strap..

if it's gonna be on a pallet, use a forklift.

I suppose you -could- remove each deck if you were in a van or something with a padded floor/back-seat but if it's gonna be in the back of a truck - use a forklift to get it there, after it was strapped to a pallet. Wrap it in a couple of moving blankets, then wrap it with a tarp (been rather wet up in NY lately) for weather proofing.

# 4517. Re: [T-368_BC-610] Moving a T-368

Yahoo group: T-368_BC-610
Date: 2011-05-19 11:32:14 UTC
From: Taylor Family
Topic: 4512  Message: 4517

wear steel toe shoes !!!

----- Original Message -----
From: Geoff Edmonson
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, May 19, 2011 6:45 AM
Subject: Re: [T-368_BC-610] Moving a T-368

On 05/18/2011 11:14 PM, Ed Zeranski wrote:
> Subject: Re: [T-368_BC-610] Moving a T-368
>
>
>
> ....and wear a truss or jock strap..

if it's gonna be on a pallet, use a forklift.

I suppose you -could- remove each deck if you were in a van or something
with a padded floor/back-seat but if it's gonna be in the back of a
truck - use a forklift to get it there, after it was strapped to a
pallet. Wrap it in a couple of moving blankets, then wrap it with a
tarp (been rather wet up in NY lately) for weather proofing.

[Non-text portions of this message have been removed]

# 4518. RE: [T-368_BC-610] Moving a T-368

Yahoo group: T-368_BC-610
Date: 2011-05-19 13:30:09 UTC
From: Ed Zeranski
Topic: 4512  Message: 4518

On 05/18/2011 11:14 PM, Ed Zeranski wrote:
> Subject: Re: [T-368_BC-610] Moving a T-368
>

if it's gonna be on a pallet, use a forklift.

I suppose you -could- remove each deck if you were in a van or something
.....

When my 610I came home it was in a Jeep SUV. We stood a piece of 3/4" plywood against the back bumper, pushed th 610 against that, tipped it backwards then slid it into the vehicle. It was like having the transmitter on a gurney. It worked great with two people and a 610 but a 368 is a 'tad' bigger. I rented an enclosed Uhaul to drag the SRT-15A home, lower than a pickup truck. All the drawers got pulled on that trip , refrigerator and piano dollies sure helped. I think the SRT weighs about the same as a 368 just a different shape.

73 and good luck with the move!

EdZ KG6UTS

[Non-text portions of this message have been removed]

# 4519. Re: [T-368_BC-610] Moving a T-368

Yahoo group: T-368_BC-610
Date: 2011-05-19 13:59:32 UTC
From: Mark Foltarz
Topic: 4512  Message: 4519

With all my big transmitters I have always removed at least the power transformer prior to moving.

Furthermore, I have moved them all by myself - including the broadcast rigs, GPT 750, T3 and the "little 610."

But certainly get some friends to assist if needed. Pick them wisely - those who have moved these things before are preferred.

And of course remove the tubes. I did not do this once with a BTA-1R1 and all 4-400's were rendered useless in the move.

My 1937 home brew uses HF-300's not an easy tube to replace !

For me, the key was reducing the weight to a manageable amount so as not to have a blow out !

Most of all, take your time and plan the move . If something doesn't seem right during the move stop and rework the situation.

Gud luck and be safe.

73 de KA4JVY

Mark

[Non-text portions of this message have been removed]

# 4520. RE: [T-368_BC-610] Moving a T-368

Yahoo group: T-368_BC-610
Date: 2011-05-19 14:42:35 UTC
From: Thekan, Paul
Topic: 4512  Message: 4520

Having moved my T-368 and 610s I've found using a appliance hand truck and a come along to be most helpful. I have my 72 chevy ½ ton to do the hauling. I've removed the power supply on the 368 which made loading easier. Strapping the 368 onto the appliance hand truck and affixing the come along onto the hand truck and securing the other end onto the truck I 'winch' it up slowly onto the truck and do the reverse to unload. This set up has worked well for me with other related BA gear..though moving the FRT 17 & 18 was a whole lot different.

Good luck with the move , just take it slow , and think out ahead of time what you are going to do before you get things in motion. And having another person to help is a good idea too.

Paul
N6FEG

---

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[Non-text portions of this message have been removed]

# 4521. Re: [T-368_BC-610] Moving a T-368

Yahoo group: T-368_BC-610
Date: 2011-05-19 16:00:17 UTC
From: Harold Hairston
Topic: 4512  Message: 4521

I have moved two T-368's several hundred miles each. I can't visualize a set of handtrucks, typically found in a home, that could accomodate 640 pounds of T-3 metal. If you could get the load onto the handtruck, I doubt that one man could tilt them backward in order to roll forward. A couple of inches to low and the handles and T-368 and you are going to the ground. Then one man (even if you are an Olympic Weight Lifter) can not lift the load off the ground. If you allow the handtrucks to tilt forward, the whole mess is on the ground again and no one man can move it,

The best way that I have found to move a T-3 is to take all three drawers out and move the unassembled transmitter as four pieces. (You can make multiple trips are utilize multiple vehicles) Caution here- Alone, most of us can't remove even one of the drawers safely. Been there, done that. Now, at this point you have more options. Move all four pieces to the vehicle and no one gets a hernia. (An invaluable tool here, beyond common sense, is a Hydralic Lift Table with rollers). Also, Chevolet Surburban makes a great transport vehicle.

Or locate the cabinet in the transport vehicle. Reinstall and lock the drawers in the cabinet. Secure the assembled transmitter in the transport vehicle. At the destination, reverse the procedure. Take the drawers out, move the cabinet to the desired location and reassemble the drawers. Again, a Hydraulic Lift Table is invaluable.

Harold

----- Original Message ----- From: Thekan, Paul
To: 'T-368_BC-610@yahoogroups.com'
Sent: Thursday, May 19, 2011 10:42 AM
Subject: RE: [T-368_BC-610] Moving a T-368

Having moved my T-368 and 610s I've found using a appliance hand truck and a come along to be most helpful. I have my 72 chevy ½ ton to do the hauling. I've removed the power supply on the 368 which made loading easier. Strapping the 368 onto the appliance hand truck and affixing the come along onto the hand truck and securing the other end onto the truck I 'winch' it up slowly onto the truck and do the reverse to unload. This set up has worked well for me with other related BA gear..though moving the FRT 17 & 18 was a whole lot different.

Good luck with the move , just take it slow , and think out ahead of time what you are going to do before you get things in motion. And having another person to help is a good idea too.

Paul
N6FEG

_____

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communication by anyone other than the intended recipient(s) is strictly

prohibited and may be unlawful. If you are not the intended recipient,
please notify the sender by replying to this message and then delete it from
your system.

[Non-text portions of this message have been removed]

---

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1375 / Virus Database: 1509/3647 - Release Date: 05/19/11

[Non-text portions of this message have been removed]

# 4522. RE: [T-368_BC-610] Moving a T-368

Yahoo group: T-368_BC-610
Date: 2011-05-19 16:11:51 UTC
From: Tom Mackie
Topic: 4512  Message: 4522

A fantastic hand truck that many are convinced was designed specifically for Boatanchor moves is the Dutro Brute. KW1I wrote an Electric Radio report in the 90's and had found a rental "appliance dolly".

http://www.elkayprod.com/apptrucks_9.shtml

Chinese knockoffs are available from Northern Tool (not endorsing - just mentioning) . The handle height gives the leverage needed to move the compact T368 or any double sized broadcast transmitter or SRT. The tricycle gear and big wheels help it cover rough terrain.

Tom

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Harold Hairston
Sent: Thursday, May 19, 2011 12:00 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] Moving a T-368

I have moved two T-368's several hundred miles each. I can't visualize a set of handtrucks, typically found in a home, that could accomodate 640 pounds of T-3 metal. If you could get the load onto the handtruck, I doubt that one man could tilt them backward in order to roll forward. A couple of inches to low and the handles and T-368 and you are going to the ground. Then one man (even if you are an Olympic Weight Lifter) can not lift the load off the ground. If you allow the handtrucks to tilt forward, the whole mess is on the ground again and no one man can move it,

The best way that I have found to move a T-3 is to take all three drawers out and move the unassembled transmitter as four pieces. (You can make multiple trips are utilize multiple vehicles) Caution here- Alone, most of us can't remove even one of the drawers safely. Been there, done that. Now, at this point you have more options. Move all four pieces to the vehicle and no one gets a hernia. (An invaluable tool here, beyond common sense, is a Hydralic Lift Table with rollers). Also, Chevolet Surburban makes a great transport vehicle.

Or locate the cabinet in the transport vehicle. Reinstall and lock the drawers in the cabinet. Secure the assembled transmitter in the transport vehicle. At the destination, reverse the procedure. Take the drawers out, move the cabinet to the desired location and reassemble the drawers. Again, a Hydraulic Lift Table is invaluable.

Harold

----- Original Message ----- From: Thekan, Paul
To: 'T-368_BC-610@yahoogroups.com <mailto:%27T-368_BC-610%40yahoogroups.com> '
Sent: Thursday, May 19, 2011 10:42 AM
Subject: RE: [T-368_BC-610] Moving a T-368

Having moved my T-368 and 610s I've found using a appliance hand truck and a come along to be most helpful. I have my 72 chevy ½ ton to do the hauling. I've removed the power supply on the 368 which made loading easier. Strapping the 368 onto the appliance hand truck and affixing the come along onto the hand truck and securing the other end onto the truck I 'winch' it up slowly onto the truck and do the reverse to unload. This set up has worked well for me with other related BA gear..though moving the FRT 17 & 18 was a whole lot different.

Good luck with the move , just take it slow , and think out ahead of time what you are going to do before you get things in motion. And having another person to help is a good idea too.

Paul
N6FEG

_____

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[Non-text portions of this message have been removed]

---

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Checked by AVG - www.avg.com
Version: 10.0.1375 / Virus Database: 1509/3647 - Release Date: 05/19/11

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4523. Re: [T-368_BC-610] Moving a T-368

Yahoo group: T-368_BC-610
Date: 2011-05-19 17:58:03 UTC
From: mac
Topic: 4512  Message: 4523

I've also moved a pair of T-368's several times over the years including a cross country trip in 1999. Agree with Harold the easiest way is to disassemble and and either transport that way or reassemble in the vehicle if you need the space for other stuff. The power supply is the heaviest piece but the cabinet is the hardest to handle because of it's bulk. Have been able to do all by myself with the aid of a hand truck and a home built ramp for getting up into my 1985 G-20 van. Big, strong friends always welcome, of course. And, of course, remove the big tubes and tie everything down securely before taking off down the road.

No big deal, all in all.....

Dennis D. W7QHO
Glendale, CA

**********
On May 19, 2011, at 9:00 AM, Harold Hairston wrote:

> I have moved two T-368's several hundred miles each. I can't
> visualize a set of handtrucks, typically found in a home, that could
> accomodate 640 pounds of T-3 metal. If you could get the load onto
> the handtruck, I doubt that one man could tilt them backward in
> order to roll forward. A couple of inches to low and the handles and
> T-368 and you are going to the ground. Then one man (even if you are
> an Olympic Weight Lifter) can not lift the load off the ground. If
> you allow the handtrucks to tilt forward, the whole mess is on the
> ground again and no one man can move it,
>
> The best way that I have found to move a T-3 is to take all three
> drawers out and move the unassembled transmitter as four pieces.
> (You can make multiple trips are utilize multiple vehicles) Caution
> here- Alone, most of us can't remove even one of the drawers safely.
> Been there, done that. Now, at this point you have more options.
> Move all four pieces to the vehicle and no one gets a hernia. (An
> invaluable tool here, beyond common sense, is a Hydralic Lift Table
> with rollers). Also, Chevolet Surburban makes a great transport
> vehicle.
>
> Or locate the cabinet in the transport vehicle. Reinstall and lock
> the drawers in the cabinet. Secure the assembled transmitter in the
> transport vehicle. At the destination, reverse the procedure. Take
> the drawers out, move the cabinet to the desired location and
> reassemble the drawers. Again, a Hydraulic Lift Table is invaluable.
>
> Harold

>
> ----- Original Message ----- From: Thekan, Paul
> To: 'T-368_BC-610@yahoogroups.com'
> Sent: Thursday, May 19, 2011 10:42 AM
> Subject: RE: [T-368_BC-610] Moving a T-368
>
> Having moved my T-368 and 610s I've found using a appliance hand
> truck and a come along to be most helpful. I have my 72 chevy ? ton
> to do the hauling. I've removed the power supply on the 368 which
> made loading easier. Strapping the 368 onto the appliance hand truck
> and affixing the come along onto the hand truck and securing the
> other end onto the truck I 'winch' it up slowly onto the truck and
> do the reverse to unload. This set up has worked well for me with
> other related BA gear..though moving the FRT 17 & 18 was a whole lot
> different.
>
> Good luck with the move , just take it slow , and think out ahead of
> time what you are going to do before you get things in motion. And
> having another person to help is a good idea too.
>
> Paul
> N6FEG
> ------------------------------
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> your system.
>
> [Non-text portions of this message have been removed]
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> ------------------------------------------------------------
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 10.0.1375 / Virus Database: 1509/3647 - Release Date:
> 05/19/11
>
> [Non-text portions of this message have been removed]
>
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>

[Non-text portions of this message have been removed]

# 4524. Re: [T-368_BC-610] Moving a T-368

Yahoo group: T-368_BC-610
Date: 2011-05-19 18:19:49 UTC
From: mac
Topic: 4512  Message: 4524

For a view of my T-368 mobile setup (Summer 2000) see
<http://www.amwindow.org/pix/htm/w7qhot3.htm
>

Dennis D. W7QHO
Glendale, CA

**********
On May 19, 2011, at 10:58 AM, mac wrote:

> I've also moved a pair of T-368's several times over the years
> including a cross country trip in 1999. Agree with Harold the easiest
> way is to disassemble and and either transport that way or reassemble
> in the vehicle if you need the space for other stuff. The power
> supply is the heaviest piece but the cabinet is the hardest to handle
> because of it's bulk. Have been able to do all by myself with the aid
> of a hand truck and a home built ramp for getting up into my 1985 G-20
> van. Big, strong friends always welcome, of course. And, of course,
> remove the big tubes and tie everything down securely before taking
> off down the road.
>
> No big deal, all in all.......
>
> Dennis D. W7QHO
> Glendale, CA
>

# 4525. Re: [T-368_BC-610] Moving a T-368

Yahoo group: T-368_BC-610
Date: 2011-05-19 18:23:42 UTC
From: Geoff Edmonson
Topic: 4512  Message: 4525

> When my 610I came home it was in a Jeep SUV. We stood a piece of 3/4"
> plywood against the back bumper, pushed th 610 against that, tipped it
> backwards then slid it into the vehicle. It was like having the transmitter
> on a gurney. It worked great with two people and a 610 but a 368 is a 'tad'
> bigger. I rented an enclosed Uhaul to drag the SRT-15A home, lower than a
> pickup truck. All the drawers got pulled on that trip , refrigerator and
> piano dollies sure helped. I think the SRT weighs about the same as a 368
> just a different shape.

When I delivered the a '610 E model to Perry in Beaumont of course, it
didn't have any tubes in it, or a modulation transformer. That was easy
enough to remove. When I had it slid back to where it was able to be
tipped, I wrapped my arms around it, had it air-borne, and sat it on a
dolly.

...then again, I'm 6'3" (a bit over 3m) tall, and 'healthy' at 275. ;-)

-Geoff/W5OMR

# 4526. Re: [T-368_BC-610] Moving a T-368

Yahoo group: T-368_BC-610
Date: 2011-05-19 19:47:39 UTC
From: aa9il@sbcglobal.net
Topic: 4512  Message: 4526

Hi all
.02$ contribution - I 'hired' my brother in law and took all the assemblies out and trucked the individual parts out of the basement (why is it radio rooms are in basements - I guess better than on the third floor....)  I then put the RF and Modulator deck back into the chassis and tipped it into the back of my Explorer.  The power supply took up the remaining space over the folded down rear seat.  Had grunt labor to help wheel into the shack and re-assembled.  I marvel at the guys who move big Collins and Gates heavy metal.
73 de Mike
AA9IL

--- On Thu, 5/19/11, Harold Hairston <k4hca@...> wrote:

From: Harold Hairston <k4hca@...>
Subject: Re: [T-368_BC-610] Moving a T-368
To: T-368_BC-610@yahoogroups.com
Date: Thursday, May 19, 2011, 11:00 AM

I have moved two T-368's several hundred miles each. I can't visualize a set of handtrucks, typically found in a home, that could accomodate 640 pounds of T-3 metal. If you could get the load onto the handtruck, I doubt that one man could tilt them backward in order to roll forward. A couple of inches to low and the handles and T-368 and you are going to the ground. Then one man (even if you are an Olympic Weight Lifter) can not lift the load off the ground. If you allow the handtrucks to tilt forward, the whole mess is on the ground again and no one man can move it,

The best way that I have found to move a T-3 is to take all three drawers out and move the unassembled transmitter as four pieces. (You can make multiple trips are utilize multiple vehicles) Caution here- Alone, most of us can't remove even one of the drawers safely. Been there, done that. Now, at this point you have more options. Move all four pieces to the vehicle and no one gets a hernia. (An invaluable tool here, beyond common sense, is a Hydralic Lift Table with rollers). Also, Chevolet Surburban makes a great transport vehicle.

Or locate the cabinet in the transport vehicle. Reinstall and lock the drawers in the cabinet. Secure the assembled transmitter in the transport vehicle. At the destination, reverse the procedure. Take the drawers out, move the cabinet to the desired location and reassemble the drawers. Again, a Hydraulic Lift Table is invaluable.

Harold

----- Original Message ----- From: Thekan, Paul

To: 'T-368_BC-610@yahoogroups.com'

Sent: Thursday, May 19, 2011 10:42 AM

Subject: RE: [T-368_BC-610] Moving a T-368

Having moved my T-368 and 610s I've found using a appliance hand truck and a come along to be most helpful. I have my 72 chevy ½ ton to do the hauling. I've removed the power supply on the 368 which made loading easier. Strapping the 368 onto the appliance hand truck and affixing the come along onto the hand truck and securing the other end onto the truck I 'winch' it up slowly onto the truck and do the reverse to unload. This set up has worked well for me with other related BA gear..though moving the FRT 17 & 18 was a whole lot different.

Good luck with the move , just take it slow , and think out ahead of time what you are going to do before you get things in motion. And having another person to help is a good idea too.

Paul

N6FEG

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---

No virus found in this message.

Checked by AVG - www.avg.com

Version: 10.0.1375 / Virus Database: 1509/3647 - Release Date: 05/19/11

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4527. FS: QTY 24 X 3500 Ohm Power Resistors

Yahoo group: T-368_BC-610
Date: 2011-05-19 23:04:29 UTC
From: Bry Carling
Topic: 4527  Message: 4527

FOR SALE: 3.5 kilohm, 25 watt power resistors.
Type L25J3K5 resistors "3500 ohms."

Quantity of 24 first quality OHMITE w.w. resistors with solder terminals.

Will sell all for $12.00 plus shipping.

73 de AF4K - Brian

[Non-text portions of this message have been removed]

# 4528. Re: [T-368_BC-610] Moving a T-368

Yahoo group: T-368_BC-610
Date: 2011-05-20 00:18:59 UTC
From: tvamfm@aol.com
Topic: 4512  Message: 4528

Nice show, Dennis,

Thanks for sharing it.

73,

John, W4AWM

[Non-text portions of this message have been removed]

# 4529. Re: [T-368_BC-610] Moving a T-368

Yahoo group: T-368_BC-610
Date: 2011-05-20 00:37:48 UTC
From: Joe Foley
Topic: 4512  Message: 4529

"Rather wet,...", he said!!

Um,... more than that, me thinks.

Joe KG2CI

--- On Thu, 5/19/11, Geoff Edmonson <w5omr@...> wrote:

From: Geoff Edmonson <w5omr@...>
Subject: Re: [T-368_BC-610] Moving a T-368
To: T-368_BC-610@yahoogroups.com
Date: Thursday, May 19, 2011, 6:45 AM

On 05/18/2011 11:14 PM, Ed Zeranski wrote:
> Subject: Re: [T-368_BC-610] Moving a T-368
>
>
>
> ....and wear a truss or jock strap..

if it's gonna be on a pallet, use a forklift.

I suppose you -could- remove each deck if you were in a van or something
with a padded floor/back-seat but if it's gonna be in the back of a
truck - use a forklift to get it there, after it was strapped to a
pallet. Wrap it in a couple of moving blankets, then wrap it with a
tarp (been rather wet up in NY lately) for weather proofing.

[Non-text portions of this message have been removed]

# 4530. Re: [T-368_BC-610] Moving a T-368

Yahoo group: T-368_BC-610
Date: 2011-05-20 00:47:08 UTC
From: Joe Foley
Topic: 4512  Message: 4530

Check the photos section and the files section of this mailing list's homepage and you will find some help there.

Joe

--- On Wed, 5/18/11, niel_w0vlz <w0vlz@...> wrote:

From: niel_w0vlz <w0vlz@...>
Subject: [T-368_BC-610] Moving a T-368
To: T-368_BC-610@yahoogroups.com
Date: Wednesday, May 18, 2011, 9:08 PM

Next week I'm helping my local museum get their T-368 ready and loaded on a truck bound for the AWA Museum in NY.

I'm certain I've recently seen a photo essay showing T-368 loading, securing, unloading. Can anyone point me towards some photos I can refer to? Two images I recall from the ones I saw...one of the transmitter strapped inside a U-Haul truck and the other of the PS/Modulator deck being slid off the truck on a wooden ramp.

My thought is that this thing was designed to be in the back of a truck...the main thing is to make certain it won't move around and that the decks stay in place. How about the tubes? My thought was to remove and pack the 6000 but the rest can ride in place.

Comments/hints/tips?

tnx es 73,
Niel - W0VLZ
Rochester, MN

[Non-text portions of this message have been removed]

# 4531. Re: [T-368_BC-610] Moving a T-368

Yahoo group: T-368_BC-610
Date: 2011-05-20 05:06:13 UTC
From: mac
Topic: 4512  Message: 4531

Jojn,

Thanks, glad you enjoyed it. My old van still lists slightly to port. :^)

Dennis D. W7QHO
Glendale, CA

**********
On May 19, 2011, at 5:18 PM, tvamfm@... wrote:

> Nice show, Dennis,
>
> Thanks for sharing it.
>
> 73,
>
> John, W4AWM

# 4532. MRCG-2011

Yahoo group: T-368_BC-610
Date: 2011-05-20 21:58:11 UTC
From: mac
Topic: 4532  Message: 4532

All,

Video of the 2011 meeting can now be viewed at <http://www.youtube.com/watch?v=xQpoyeJ537w
>

Dennis D. W7QHO
Glendale, CA

# 4533. Re: [T-368_BC-610] Moving a T-368

Yahoo group: T-368_BC-610
Date: 2011-05-21 02:17:16 UTC
From: Geoff Edmonson
Topic: 4512  Message: 4533

On 05/19/2011 07:37 PM, Joe Foley wrote:
> "Rather wet,...", he said!!
>
> Um,... more than that, me thinks.
>
> Joe KG2CI

I live in Texas, joe. All I can see is what's on the radar ;-)

but, a friend in mid-long island says she's got her ark built.
till then, I was oblivious to the copious amounts of precipitation
"you'se guys" have been enduring.

# 4534. Re: [T-368_BC-610] Moving a T-368

Yahoo group: T-368_BC-610
Date: 2011-05-21 02:33:56 UTC
From: wa5cab@cs.com
Topic: 4512  Message: 4534

Houston and most of South Texas have had less precipitation in the past four month than Tripoli. Of course, some of what's fallen on Tripoli in the past four months has been HBX instead of H2O. We've had none of the former and essentially none of the latter.

In a message dated 5/20/2011 9:18:32 PM Central Daylight Time, w5omr@... writes:

> On 05/19/2011 07:37 PM, Joe Foley wrote:
> >"Rather wet,...", he said!!
> >
> >Um,... more than that, me thinks.
> >
> >Joe KG2CI
>
> I live in Texas, joe. All I can see is what's on the radar ;-)
>
> but, a friend in mid-long island says she's got her ark built.
> till then, I was oblivious to the copious amounts of precipitation
> "you'se guys" have been enduring.
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4535. Re: [T-368_BC-610] Moving a T-368

Yahoo group: T-368_BC-610
Date: 2011-05-21 10:14:31 UTC
From: Geoff Edmonson
Topic: 4512  Message: 4535

On 05/20/2011 09:33 PM, wa5cab@... wrote:
> Houston and most of South Texas have had less precipitation in the past
> four month than Tripoli. Of course, some of what's fallen on Tripoli in the
> past four months has been HBX instead of H2O. We've had none of the former
> and essentially none of the latter.
>

and we could use it, too!

73 = Best Regards,
-Geoff/W5OMR (/5 Baja Spring, TX)

# 4536. FS: Antenna Selector Switches from $3 to $30

Yahoo group: T-368_BC-610
Date: 2011-05-21 21:36:44 UTC
From: Bry Carling
Topic: 4536  Message: 4536

FOR SALE: Antenna Selector Switches

1) Phasing switch used for selecting XMTR - AUX - HORIZONTAL - VERTICAL
Has four SO-239 connectors. Perhaps used with a Moonraker or similar
antenna. $5.00 plus shipping

2) OLSON 2-way coaxial antenna switch - with three SO-239 connectors for
ANT 1, ANT 2, and radio. Slide switch. Very good condition. $5.00 plus
shipping

3) WATERS Coaxial Selector Switch with faceplate and mounting hardware.
This is a 5 position switch with SO-239 connectors and a grounding
position to help
protect the antennas. Available for $20.00 plus shipping

4) WATERS 2-way Coaxial Selector Switch with faceplate. This is a 2
position switch
with FOUR SO-239 connectors (interestingly!). Available for $16.00 plus
shipping

5) PACE 3-position coaxial switch. Model 5621 it is 1KW rated. Has 4
SO-239 connectors.
Available for $10.00 plus shipping

6) DOWKEY COAXIAL Antenna Selector Switch model DK78-2. Two positions with
faceplate. Ultimate in beautiful antenna switches. Excellent condition.
Built like a tank. Available for $30.00 plus shipping

7) Homebrew 2-way coaxial antenna switch - with three SO-239 connectors
for
ANT 1, ANT 2, and radio. Rotary selector switch.Good condition. $3.00
plus shipping.

73 de AF4K - Bry

[Non-text portions of this message have been removed]

# 4537. FS: Millen Grid Dip Meter $25

Yahoo group: T-368_BC-610
Date: 2011-05-21 21:51:46 UTC
From: Bry Carling
Topic: 4537  Message: 4537

FOR SALE: James Millen Co. 90651 Grid Dip Meter.
Looks almost like new. AC cord is slightly cracked and should be replaced.
Comes with one coil - for 6.4 to 16 Mc. band. Others missing.
Also has the manual.

Available for $25.00 plus shipping

73 - Bry, AF4K

[Non-text portions of this message have been removed]

# 4538. OT: Yahoo Group For TCS_Radios

Yahoo group: T-368_BC-610
Date: 2011-05-23 20:07:47 UTC
From: Roger Basford
Topic: 4538  Message: 4538

Hi All,

I spoke to three amateurs at a hamfest yesterday who own TCS equipment, either TXs or RXs or both, and I met at least one more person there also has TCS equipment. As far as I can tell, there is no dedicated forum for these relatively common radios, which surprised me given their popularity in the US and over here.

At the risk of being accused of re-inventing the wheel, I have set up a Yahoo group for those interested in discussing "all things TCS". As the WS-19 has an extremely popular group and the TBY, BC-610 and ARC-5, amongst other WWII radios, have their own groups I feel I'm not setting a precedent.

The TCS_Radios group can be found on:-

http://groups.yahoo.com/group/TCS_Radios

73

Roger Basford/G3VKM

# 4539. RE: [T-368_BC-610] OT: Yahoo Group For TCS_Radios

Yahoo group: T-368_BC-610
Date: 2011-05-23 20:28:21 UTC
From: Thekan, Paul
Topic: 4538  Message: 4539

Stan , thought you'd be interested....I did join

---

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Roger Basford
Sent: Monday, May 23, 2011 1:08 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] OT: Yahoo Group For TCS_Radios

Hi All,

I spoke to three amateurs at a hamfest yesterday who own TCS equipment, either TXs or RXs or both, and I met at least one more person there also has TCS equipment. As far as I can tell, there is no dedicated forum for these relatively common radios, which surprised me given their popularity in the US and over here.

At the risk of being accused of re-inventing the wheel, I have set up a Yahoo group for those interested in discussing "all things TCS". As the WS-19 has an extremely popular group and the TBY, BC-610 and ARC-5, amongst other WWII radios, have their own groups I feel I'm not setting a precedent.

The TCS_Radios group can be found on:-

http://groups.yahoo.com/group/TCS_Radios

73

Roger Basford/G3VKM

---

This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient(s) is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.

[Non-text portions of this message have been removed]

# 4540. Re: [T-368_BC-610] Moving a T-368

Yahoo group: T-368_BC-610
Date: 2011-05-23 23:29:57 UTC
From: Joe Foley
Topic: 4512  Message: 4540

I really shouldn't complain, after seeing what some other people are getting!!

Long Island is a LONG ways from here, they have a whole different type of weather there.

The last two days have been beautiful, just enough time to get the lawns all mowed before it starts again.

Joe

--- On Fri, 5/20/11, Geoff Edmonson <w5omr@...> wrote:

From: Geoff Edmonson <w5omr@att.net>
Subject: Re: [T-368_BC-610] Moving a T-368
To: T-368_BC-610@yahoogroups.com
Date: Friday, May 20, 2011, 10:17 PM

On 05/19/2011 07:37 PM, Joe Foley wrote:

> "Rather wet,...", he said!!

>

> Um,... more than that, me thinks.

>

> Joe KG2CI

I live in Texas, joe. All I can see is what's on the radar ;-)

but, a friend in mid-long island says she's got her ark built.

till then, I was oblivious to the copious amounts of precipitation

"you'se guys" have been enduring.

[Non-text portions of this message have been removed]

# 4541. Re: [T-368_BC-610] OT: Yahoo Group For TCS_Radios

Yahoo group: T-368_BC-610
Date: 2011-05-24 00:36:49 UTC
From: mac
Topic: 4538  Message: 4541

Roger,

Great idea, will be delighted to participate.

MRCG 2011 DVD out in the mail today.

Dennis D. W7QHO
Glendale, CA

**********
On May 23, 2011, at 1:07 PM, Roger Basford wrote:

> Hi All,
>
> I spoke to three amateurs at a hamfest yesterday who own TCS
> equipment, either TXs or RXs or both, and I met at least one more
> person there also has TCS equipment. As far as I can tell, there is
> no dedicated forum for these relatively common radios, which
> surprised me given their popularity in the US and over here.
>
> At the risk of being accused of re-inventing the wheel, I have set
> up a Yahoo group for those interested in discussing "all things
> TCS". As the WS-19 has an extremely popular group and the TBY,
> BC-610 and ARC-5, amongst other WWII radios, have their own groups I
> feel I'm not setting a precedent.
>
> The TCS_Radios group can be found on:-
>
> http://groups.yahoo.com/group/TCS_Radios
>
> 73
>
> Roger Basford/G3VKM
>
>
>

[Non-text portions of this message have been removed]

# 4542. RE: [T-368_BC-610] OT: Yahoo Group For TCS_Radios

Yahoo group: T-368_BC-610
Date: 2011-05-24 13:00:52 UTC
From: Ed Zeranski
Topic: 4538  Message: 4542

On Behalf Of Thekan, Paul
Sent: Monday, May 23, 2011 1:28 PM
To: 'T-368_BC-610@yahoogroups.com'
Subject: RE: [T-368_BC-610] OT: Yahoo Group For TCS_Radios

Stan , thought you'd be interested....I did join

Thanks Paul, I sent a join request.

EdZ KG6UTS

[Non-text portions of this message have been removed]

# 4543. RE: [T-368_BC-610] Moving a T-368

Yahoo group: T-368_BC-610
Date: 2011-05-19 12:42:22 UTC
From: Tom Mackie
Topic: 4512  Message: 4543

Secure the tube plate caps (blue tape works fine) after removing the
tubes. If you don't they will swing during the transit and either break
themselves.

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
On Behalf Of tvamfm@...
Sent: Wednesday, May 18, 2011 9:16 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] Moving a T-368

Remove the tubes and pack separately. Be sure all the decks are securely

fastened to the cabinet, strap it securely to a pallet after padding
with
moving blankets and load it up.

73,

John, W4AWM

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4544. FS: Variable capacitors, crystal case

Yahoo group: T-368_BC-610
Date: 2011-05-24 19:57:28 UTC
From: Bry Carling
Topic: 4544  Message: 4544

FOR SALE:

1) VARIABLE CAPACITOR, 75 pF + 75 pF dual gang at 2 KV
Ceramic frame. 1/4" shaft is 1-1/4" long. Dimensions: 2-3/4" X 2-1/4" X 4" long plus shaft.
QTY 1 available for $15.00 plus shipping.

2) EF Johnson VARIABLE CAPACITOR, 275 pF at 1 KV.
Ceramic frame. 1/4" shaft is 1" long. Dimensions: 1-1/2" X 1-1/2" X 3" long plus the shaft.
QTY 1 available for $15.00 plus shipping.

3) QTY 2 - Hammarlund VARIABLE CAPACITORS, type MT-100-GS 100 pF at 3 KV
Ceramic frame. 1/4" shaft is 1-1/4" long. Dimensions: 3" X 2-5/8" X 3-1/4" long plus the shaft.
QTY 2 available for $18.00 each plus shipping.

4) Hammarlund VARIABLE CAPACITOR, type MC-325M = 325 pF at 1 KV
Ceramic frame. 1/4" shaft is 3/4" long. Dimensions: 2" X 1-3/4" X 3-1/2" long plus the shaft.
QTY 1 available for $15.00 each plus shipping.

CRYSTAL CASE - Military Surplus Type BX40 - nice open tray shape so you can
see all of your crystals at once. Holds up to 120 Type FT243 crystals or similar types with 1/2" pin spacing. Nice condition, no damage or rust. Original olive green.
QTY 1 available for $25.00 plus shipping.

73 & thanks for looking - Bry, AF4K

[Non-text portions of this message have been removed]

# 4545. FS: Original FT243 Crystals

Yahoo group: T-368_BC-610
Date: 2011-05-25 01:34:27 UTC
From: Bry Carling
Topic: 4545  Message: 4545

FOR SALE:

160m, 80m, 40m, 20m, 6m, 2m original, old FT243 rocks... for CW and AM etc.

Several people have asked for the availability of some original amateur band FT243 Crystals.

I do have a limited number of these for 80m, 40m, 20m, 6m and 2m bands.

I have a few more to add yet on 40m - 6m - 2m but the rest are ready...
The list and buying buttons can be found at:

http://www.af4k.com/FT243_CRYSTALS_Originals.htm

73 de AF4K, Bry

[Non-text portions of this message have been removed]

# 4546. MRCG-2011 DVD

Yahoo group: T-368_BC-610
Date: 2011-05-27 04:44:37 UTC
From: mac
Topic: 4546  Message: 4546

All,

A DVD covering the 2011 meeting of the Military Radio Collectors Group (MRCG) is now available. The DVD includes a 40 minute presentation on the rare SCR-511 "Pogo Stick" radios. A $5.00 donation is requested to cover the costs of production and mailing, PayPal, MO, check or cash all OK.

Dennis D. W7QHO
Glendale, CA

# 4547. FS: CR1A ham band crystals

Yahoo group: T-368_BC-610
Date: 2011-05-27 21:04:30 UTC
From: Bry Carling
Topic: 4547  Message: 4547

FOR SALE:

QTY 6 type CR1A ham band crystals (rare) -
CR-1A/AR designation.

7028 kHz (QTY 2)

7039 kHz (QTY 3)

7128 kHz (QTY 1)

Available for $12.00 each plus shipping

As seen here:
http://farm6.static.flickr.com/5068/5645540051_50204276ec_b.jpg

Dimensions: CR-1A/AR - Crystal Unit 1-1/8" wide X 3/8" X 1-1/8" tall.
Pin spacing 1/2" and pin diameter 1/8" X 11/16" long
Used in a variety of military radios,
Overall Size: 1.125" wide X 0.375" X 1.125" high.
Pin spacing 0.5" and pin diameter is 0.125" X 1.0625" long

Thanks for looking - 73 & good DX!

Bry, AF4K

[Non-text portions of this message have been removed]

# 4548. FS: Tube type preamp with tone controls

Yahoo group: T-368_BC-610
Date: 2011-05-27 21:22:39 UTC
From: Bry Carling
Topic: 4548  Message: 4548

FOR SALE: Tube type preamp / tone controls.

Here is a cool "signal processor" of sorts.

It has those screw-on coaxial mono audio connectors of yore, usually used for mic level signals.

Has two tubes, 6SQ7 and 6SN7. Two Allen Bradley pots with black "chicken head knobs" for bass and treble cut-boost, and has beautiful construction using cloth-covered wire. No AC supply on board but DOES have a dual 20 uF + 20 uF at 450V DC can capacitor. Requires about 250V DC at 25 mA and 6.2V AC at 1A. Includes numerous capacitors and carbon composition resistors.

Small aluminum chassis dimensions: 6.5" X 5.5" X 1" tall.
Overall 4" tall with parts. Pictures available on request.

Available for $15.00 plus shipping.

Thanks & 73 de AF4K, Bry

[Non-text portions of this message have been removed]

# 4549. Happy Memorial Day Weekend

Yahoo group: T-368_BC-610
Date: 2011-05-28 16:52:22 UTC
From: rbethman
Topic: 4549  Message: 4549

I am sending this as a reminder that Memorial Day is a day set aside as a Holiday for the Fallen men and women whom have given the ultimate to our country.

I would like to add that it ALSO is a time to reflect on those whom are CURRENTLY putting it ALL on the line in our behalf.

Bob - N0DGN
Ret. E-7
Callsign Witch Doctor

# 4550. FS: Box of new heavy-duty switches

Yahoo group: T-368_BC-610
Date: 2011-05-29 20:09:25 UTC
From: Bry Carling
Topic: 4550  Message: 4550

FOR SALE: Box of new heavy-duty switches

These are American made heavy duty switches. Mostly new - there are about 12 momentary switches with 4 pole two positions (center off.) Some other 2 pole and 4 pole switches. On large SPST switch - some DPDT fixed and momentary switches. Some of these are momentary, some fixed, and some are rocker switches. Most mount with either 3/8" bushing or two #6 screws. It's a nice assortment. One large ceramic two pole 3-position, dual contacts KW-class rotary switch. Total of 24 switches in the box for $20.00 plus shipping.

73 - Bry, AF4K

[Non-text portions of this message have been removed]

# 4551. FS: PS Chokes

Yahoo group: T-368_BC-610
Date: 2011-06-02 18:43:18 UTC
From: Bry Carling
Topic: 4551  Message: 4551

For Sale: Power Supply Chokes

1) QTY 1 - 4.5 H at 445 mA and 39 ohms DC resistance
G.E. Dimensions are 5" X 3.5" X 4.5" tall, potted
Available for $10.00

2) QTY 1 - 12H at 150 mA and 230 ohms DC resistance,
STANCOR Dimensions are 3.5" X 2.5" X 2.5" tall, upright type
Available for $8.00

3) QTY 1 - 8H at 150 mA and 150 ohms DC resistance, looks same as
the Stancor Dimensions are 3.5" X 2.5" X 2.5" tall, upright type
Available for $8.00

4) QTY 1 - 20 H at 45 mA and 308 ohms DC resistance, potted.
Military gray, nice. Dimensions 2.25" X 2" X 3" tall.
Available for $6.00

5) QTY 1 - 2H at 50 mA and 60 ohms DC resistance. Upright type
Dimensions 2.25" X 1.5" X 2" tall.
Available for $4.00

Take all of the above and save majorly on shipping costs.
Pictures available on request.

73 & thanks for looking.
Bry Carling, AF4K

[Non-text portions of this message have been removed]

# 4552. FS: Package of new RF Chokes

Yahoo group: T-368_BC-610
Date: 2011-06-09 13:15:50 UTC
From: Bry Carling
Topic: 4552  Message: 4552

FOR SALE: Package of new RF Chokes

Includes a total of 12 parts:

QTY 2 - National R-100 choke - 2.5 mH at 125 mA
QTY 1 - National R-50 choke - 1 mH at 75 mA
QTY 4 - National R-33 choke - 100 uH at 75 mA
QTY 5 - New unbranded RFC 2.5 mH at 125 mA, nice

Will sell all twelve parts for $32.00 plus shipping

[Non-text portions of this message have been removed]

# 4553. REDUCED: Group of Six Military radio ham band crystals

Yahoo group: T-368_BC-610
Date: 2011-06-22 11:15:23 UTC
From: Bry Carling
Topic: 4553  Message: 4553

REDUCED:

GROUP OF USAF military aircraft crystals for 40m amateur band.
Most are marked "862nd USAF"

QTY 6 type CR-1A/AR same as HC-11/U crystals (rare) -

7028 kHz  (QTY 2)

7039 kHz (QTY 3)

7128 kHz  (QTY 1)

Will sell the whole group for $36.00 plus shipping

Similar to picture seen here:
http://farm6.static.flickr.com/5068/5645540051_50204276ec_b.jpg

Dimensions: CR-1A/AR - Crystal Unit 1-1/8" wide X 3/8" X 1-1/8" tall.
Pin spacing 1/2" and pin diameter 1/8" X 11/16" long
Used in a variety of military radios,
Overall Size: 1.125" wide X 0.375" X 1.125" high.
Pin spacing 0.5" and pin diameter is 0.125" X 1.0625" long

Thanks for looking - 73 & good DX!

Bry, AF4K

[Non-text portions of this message have been removed]

# 4554. FS: LACING CORD

Yahoo group: T-368_BC-610
Date: 2011-06-22 11:25:59 UTC
From: Bry Carling
Topic: 4554  Message: 4554

FOR SALE LACING CORD - new old stock military style nylon braided
cord for making or repairing traditional wiring harnesses.

I have three spools left. Each is 500 yards and made by Gudebrod of Pottstown, PA
All are natural finish. Cream colour.

QTY 3 available for $10.00 each plus shipping

73 - AF4K, Bry Carling
Florida

http://www.af4k.com

[Non-text portions of this message have been removed]

# 4555. Re: MRCG-2011 DVD

Yahoo group: T-368_BC-610
Date: 2011-06-22 12:16:56 UTC
From: radios_r_me
Topic: 4546  Message: 4555

Dennis - I would like to see this. Where do I send for the DVD please?

Regards - Brian Carling, AF4K

--- In T-368_BC-610@yahoogroups.com, mac <w7qho@...> wrote:
>
> All,
>
> A DVD covering the 2011 meeting of the Military Radio Collectors Group
> (MRCG) is now available. The DVD includes a 40 minute presentation on
> the rare SCR-511 "Pogo Stick" radios. A $5.00 donation is requested
> to cover the costs of production and mailing, PayPal, MO, check or
> cash all OK.
>
> Dennis D. W7QHO
> Glendale, CA
>

# 4556. Re: [T-368_BC-610] Re: MRCG-2011 DVD

Yahoo group: T-368_BC-610
Date: 2011-06-22 18:19:06 UTC
From: mac
Topic: 4546  Message: 4556

Brian,

Are you good in QRZ? Can get a DVD out in the mail tomorrow. PayPal
to w7qho@... or check, cash, MO to my home address below.

Thanks for the order.

Dennis DuVall, W7QHO
1524 Princes Dr.
Glendale, CA 91207

**********

On Jun 22, 2011, at 5:16 AM, radios_r_me wrote:

> Dennis - I would like to see this. Where do I send for the DVD please?
>
> Regards - Brian Carling, AF4K
>
> --- In T-368_BC-610@yahoogroups.com, mac <w7qho@...> wrote:
> >
> > All,
> >
> > A DVD covering the 2011 meeting of the Military Radio Collectors
> Group
> > (MRCG) is now available. The DVD includes a 40 minute presentation
> on
> > the rare SCR-511 "Pogo Stick" radios. A $5.00 donation is requested
> > to cover the costs of production and mailing, PayPal, MO, check or
> > cash all OK.
> >
> > Dennis D. W7QHO
> > Glendale, CA
> >
>
>
>

[Non-text portions of this message have been removed]

# 4557. Re: [T-368_BC-610] Re: MRCG-2011 DVD

Yahoo group: T-368_BC-610
Date: 2011-06-23 05:32:29 UTC
From: mac
Topic: 4546  Message: 4557

Brian,

I have you at :

117 STERLING PINE ST

SANFORD, FL 32773

Is this correct?

Dennis D. W7QHO
Glendale, CA

**********
On Jun 22, 2011, at 5:16 AM, radios_r_me wrote:

> Dennis - I would like to see this. Where do I send for the DVD please?
>
> Regards - Brian Carling, AF4K
>
> --- In T-368_BC-610@yahoogroups.com, mac <w7qho@...> wrote:
> >
> > All,
> >
> > A DVD covering the 2011 meeting of the Military Radio Collectors
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> > (MRCG) is now available. The DVD includes a 40 minute presentation
> on
> > the rare SCR-511 "Pogo Stick" radios. A $5.00 donation is requested
> > to cover the costs of production and mailing, PayPal, MO, check or
> > cash all OK.
> >
> > Dennis D. W7QHO
> > Glendale, CA
> >
>
>
>

[Non-text portions of this message have been removed]

# 4558. Re: [T-368_BC-610] Re: MRCG-2011 DVD

Yahoo group: T-368_BC-610
Date: 2011-06-24 18:54:17 UTC
From: mac
Topic: 4546  Message: 4558

Brian,

DVD out in the mail yesterday.

Dennis D. W7QHO
Glendale, CA

**********
On Jun 22, 2011, at 5:16 AM, radios_r_me wrote:

> Dennis - I would like to see this. Where do I send for the DVD please?
>
> Regards - Brian Carling, AF4K
>
> --- In T-368_BC-610@yahoogroups.com, mac <w7qho@...> wrote:
> >
> > All,
> >
> > A DVD covering the 2011 meeting of the Military Radio Collectors
> Group
> > (MRCG) is now available. The DVD includes a 40 minute presentation
> on
> > the rare SCR-511 "Pogo Stick" radios. A $5.00 donation is requested
> > to cover the costs of production and mailing, PayPal, MO, check or
> > cash all OK.
> >
> > Dennis D. W7QHO
> > Glendale, CA
> >
>
>
>

[Non-text portions of this message have been removed]

# 4559. Re: [T-368_BC-610] Re: MRCG-2011 DVD

Yahoo group: T-368_BC-610
Date: 2011-06-25 00:01:53 UTC
From: bcarling@cfl.rr.com
Topic: 4559  Message: 4559

Many many thanks

----- Reply message -----
From: "mac" <w7qho@...>
To: <T-368_BC-610@yahoogroups.com>
Subject: [T-368_BC-610] Re: MRCG-2011 DVD
Date: Fri, Jun 24, 2011 2:54 pm

Brian,

DVD out in the mail yesterday.

Dennis D. W7QHO
Glendale, CA

**********
On Jun 22, 2011, at 5:16 AM, radios_r_me wrote:

> Dennis - I would like to see this. Where do I send for the DVD please?
>
> Regards - Brian Carling, AF4K
>
> --- In T-368_BC-610@yahoogroups.com, mac <w7qho@...> wrote:
> >
> > All,
> >
> > A DVD covering the 2011 meeting of the Military Radio Collectors
> Group
> > (MRCG) is now available. The DVD includes a 40 minute presentation
> on
> > the rare SCR-511 "Pogo Stick" radios. A $5.00 donation is requested
> > to cover the costs of production and mailing, PayPal, MO, check or
> > cash all OK.
> >
> > Dennis D. W7QHO
> > Glendale, CA
> >
>
>
>

[Non-text portions of this message have been removed]

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Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 4560. FS: FT171B crystals

Yahoo group: T-368_BC-610
Date: 2011-06-27 17:04:43 UTC
From: Bry Carling
Topic: 4560  Message: 4560

FOR SALE:

FT171B crystals for the BC610 and other radios...
Available on several popular amateur AM and CW frequencies.

Most are $19.00 each plus shipping.

Complete picture and details here:
http://www.af4k.com/FT171_crystals.htm

73 & thanks for looking - Bry, AF4K

[Non-text portions of this message have been removed]

# 4561. FS: UTC, TRIAD and STANCOR Transformers and chokes

Yahoo group: T-368_BC-610
Date: 2011-06-28 16:58:39 UTC
From: Bry Carling
Topic: 4561  Message: 4561

FOR SALE: Transformers and Chokes - most of these are new and
a few are nearly new.

Data for most of these is readily available on the internet.

STANCOR P-8356 Power Transformer - PRI 117V AC 60 Cy. black,
upright, nice end bells.
SEC1: 270 - 0 - 270 V AC at 260 mA (540V C.T.)
SEC 2: 5.0 V at 3.0 A
SEC 3: 6.3V at 8.8 A
Like new, posssibly used a little.
Available for $25.00 plus shipping

TRIAD R_56A Power Transformer - Pri; 117V AC 60 CPS
SEC 1: 130V at 20 mA
SEC 2: 30.0V at 0.6A
SEC 3: 22.5V at 0.6A
SEC 4: 15.0 V at 0.6A
(sec 2,3,4 are common) good, used. Nice gray end bells.
Available for $10.00 plus shipping

ALL of the following UTC items are new, old stock - unused
items:

United Transformer Corp. UTC HA114
Gray, potted pp low level plate to multiple line PRI: 30k p-p
at 1mA, unbal DC,
SEC: 50, 125/150, 200/250, 333, 500/600 ohms RESP: 30Hz -
40kHz +23dBm max.
Available for $15.00 plus shipping

United Transformer Corp. UTC HC117
Gray, potted - rare 60H at 15 mA with humbucking coil.
QTY 1 available for $8.00 plus shipping

Application Primary Imp. Unbal DC Sec. Imp. Response 2
db (Hz) Pri. Res. Max
dbm Max Mw

United Transformer Corp. UTC A12 - Quantity 2

Gray, potted A12 Low Imp. to PP Grid 50,125/150,
200/250 333,500/600 0 80,000 Split 20-20,000 60 +15
30
A12 Available for $15.00 EACH plus shipping

United Transformer Corp. UTC A16

Application Primary Imp. Unbal DC Sec. Imp. Response 2
db (Hz) Pri. Res. Max dbm Max Mw

Black, potted Plate to Grid 15,000 0 80,000 20-
20,000 800 +15 30
Available for $15.00 plus shipping

United Transformer Corp. UTC A18
Gray, potted - Single or PP Plates to PP Grids 15,000 Split
0 80,000 Split 20-20,000 1040 +15 30
Available for $15.00 plus shipping

United Transformer Corp. UTC A25
Gray, potted Plate to Line 15,000 8 50,125/150,
200/250,333,
500/600 40-20,000 1580 +15 30
QTY 1 Available for $9.00 plus shipping

United Transformer Corp. UTC A30
Black, potted - data shows as inductor yet has 5 terminals
"450 hy/0ma, 250hy@5ma/6000-
ohms, 65hy/10ma/1500-ohms"
Available for $8.00 plus shipping

INPUT TRANFORMERS:
United Transformer Corp. P-7 - Quantity 3
Octal type - Available for $12.00 EACH plus shipping

United Transformer Corp. P-12
Octal type - Available for $12.00 plus shipping

United Transformer Corp. P-13
Octal type - Available for $12.00 plus shipping

United Transformer Corp. Type O-4
Interstage plate to grid - 15k TO 60k ohms. 30 hZ - 20 KhZ
Available for $15.00 plus shipping

United Transformer Corp. Type O-7
Interstage Plate to P-P grids 15K to 90K ohms ct. 200 Hz - 10
kHz
Available for $8.00 plus shipping

United Transformer Corp. Type O-13
50H - 300H choke.
Available for $5.00 plus shipping

More coming soon.

73 - Bry, AF4K

REF:
http://www.eisenaudio.com/diy500/datasheets/ipxfmrs/utc-
ouncer.jpg

http://www.bunkerofdoom.com/xfm/UTCCHART/utc_DATA.pdf

[Non-text portions of this message have been removed]

# 4562. swiitch

Yahoo group: T-368_BC-610
Date: 2011-06-29 19:12:55 UTC
From: Alan Morriss
Topic: 4562  Message: 4562

hello guys, i am fairly certain that the trouble with my BC610 is the phone /cw switch. on cw if you go to transmit, it is key down all the time. also, in phone, the sidetone is on continuously when you transmit , and has to be switched off on JB70 .i have tried disconnecting the cable to JB70, and it is still the same. does anyone have a spare switch ? i am also after some original screw fasteners for the back cover.; i made some, but it would be nice to have originals. alan G4GEN

[Non-text portions of this message have been removed]

# 4563. Re: [T-368_BC-610] swiitch

Yahoo group: T-368_BC-610
Date: 2011-06-29 22:56:33 UTC
From: rbethman
Topic: 4562  Message: 4563

Alan,

The only thing the CW/Phone switch on the front of the BC-610 does is select the Plate voltage. The Phone/AM PA Voltage is 2000. The CW Plate voltage is 2500.

You've got something else messed up.

Bob - N0DGN

On 6/29/2011 3:12 PM, Alan Morriss wrote:
>
> hello guys, i am fairly certain that the trouble with my BC610 is the
> phone /cw switch. on cw if you go to transmit, it is key down all the
> time. also, in phone, the sidetone is on continuously when you
> transmit , and has to be switched off on JB70 .i have tried
> disconnecting the cable to JB70, and it is still the same. does anyone
> have a spare switch ? i am also after some original screw fasteners
> for the back cover.; i made some, but it would be nice to have
> originals. alan G4GEN
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 4564. reply

Yahoo group: T-368_BC-610
Date: 2011-06-30 07:51:25 UTC
From: Alan Morriss
Topic: 4438  Message: 4564

yes bob , you are right. i had a better look at the schematic after i sent that one. it has to be a couple of the connections on the TS2 tag board.i suspect 11 and 12. if i recall correctly, they are long wires which come from a different area than the others.i am going to swap them round today. the trouble is that you need to be a contortionist to work on it in the shelter ! at my age i find lying on my side bent double is a bit taxing. still it has to be done.
when this is resolved all we really need is a replacement generator for the PE95 . our one was converted to 220v 3 phase after the war for use as a standby power unit at a flower growers . a lot of them were done like that. when at a show we use a large auto transformer to run the station from it . as the engines are jeep engines, occasionally you see them going less engine, which would suit us.
i do not know if you know the history of our truck . it came from luxembourg. we contacted their military museum, and as far as they know it was used during the ardennes offensive , and left behind there along with a lot of non combatant stuff when your guys were chasing the germans back home. later it was given to them. it was last used in the sixties. we have message pads found in a receptacle confirming this.it is like a time capsule. the speaking tube is still in place . there is also a spare one ! alan

[Non-text portions of this message have been removed]

# 4565. T-368 preamp

Yahoo group: T-368_BC-610
Date: 2011-06-30 08:47:18 UTC
From: Mike Feher
Topic: 4438  Message: 4565

I have been asked for years to share a photo of how I did this, and, it was almost impossible. By sheer coincidence I came across a 25 year old Polaroid photo of my preamp just recently. I did this about 25 years ago, soon after I obtained and re-built my T-368F. This is the well know RCA preamp circuit made popular by an N9 whose call and name I regrettably forgot, but used to talk to often on 160 AM. I decided to scan the photo and share it, before I lose it , and who knows when my basement will allow me access to my T-368 again. The way I did it was to totally gut the original preamp/processor module and build up my circuit on a blank piece of aluminum. I cut the top off of the original chassis and the aluminum soldered my chassis on the frame. I also used the original connector, so, the existing one just plugs right in. Of course, the chassis fits just like it did before. I used a piece of Teflon for the divider network required for the feedback to the 4-125s. Unfortunately, all of my documentation was disposed of when they were ruined in my basement flood a little over 3 years ago. The photo of the implementation is now uploaded to the N4FS folder for this group. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

[Non-text portions of this message have been removed]

# 4566. help

Yahoo group: T-368_BC-610
Date: 2011-07-02 14:29:14 UTC
From: Alan Morriss
Topic: 1256  Message: 4566

Hello , does anyone have a power supply module for a BC342 ? mine started pouring out smoke this morning, and pitch from the transformer is all over the box . it looks like a major rebuild , and i need a replacement urgently. cheers, alan G4GEN

[Non-text portions of this message have been removed]

# 4567. FS: Crystal ovens

Yahoo group: T-368_BC-610
Date: 2011-07-02 14:50:54 UTC
From: Bry Carling
Topic: 4567  Message: 4567

FOR SALE: CRYSTAL OVENS

QTY 2 -  COMCO Octal OCTAL plug-in type crystal ovens. These are made to hold
TWO hc6u crystals, and include retakner hardware 12 Volt operation.
QTY 2 available for $3.00 each

Shipping additional

I have some other crystal ovens here somewhere. Will hunt for them if anyone is interested.

73 - Bry, AF4K

[Non-text portions of this message have been removed]

# 4568. Re: [T-368_BC-610] help

Yahoo group: T-368_BC-610
Date: 2011-07-02 17:23:35 UTC
From: Mark Foltarz
Topic: 1256  Message: 4568

Did you try disconnecting the rectifier from the transformer ?

Do that and apply power again to see if the transformer is really kaput.

It could be just  a matter of a shorted choke or caps.

Just a thought .

de KA4JVY

Mark

>_____
>From: Alan Morriss <mohawk@clara.co.uk>
>To: T-368_BC-610@yahoogroups.com
>Sent: Saturday, July 2, 2011 10:29 AM
>Subject: [T-368_BC-610] help
>
>
>
>Hello , does anyone have a power supply module for a BC342 ? mine started pouring out smoke this morning, and pitch from the transformer is all over the box . it looks like a major rebuild , and i need a replacement urgently. cheers, alan G4GEN
>
>[Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

# 4569. T-368 Rochester to Rochester

Yahoo group: T-368_BC-610
Date: 2011-07-02 17:50:56 UTC
From: Roy
Topic: 4512  Message: 4569

Having just been approved for this group I wanted to introduce myself.
,
I am Roy Wildermuth W2IT. I am the Asst Curator of The AWA Museum. My wife and i underwrote the cost of shipping the T-368 and I am now beginning work on restoring it. We used YELLOW freight and the shipping cost was $467.00. Not bad in my opinion.

I plan on writing about my work in getting this beauty on the air.

To date I have installed a 30 Amp 115 Volt line. The radio powers up but no Hi-Voltage appears beyond the Hi Pot power supply. Probably a interlock.

We previously restored a BC-610 so a membership in the group will be a real treat !

Anyway, I begin this weekend on the T-3

Thanks again to the guys in Rochester MN. You all did a great job !

Roy Wildermuth
AWA Museum

--- In T-368_BC-610@yahoogroups.com, "niel_w0vlz" <w0vlz@...> wrote:
>
> Next week I'm helping my local museum get their T-368 ready and loaded on a truck bound for the AWA Museum in NY.
>
> I'm certain I've recently seen a photo essay showing T-368 loading, securing, unloading. Can anyone point me towards some photos I can refer to? Two images I recall from the ones I saw...one of the transmitter strapped inside a U-Haul truck and the other of the PS/Modulator deck being slid off the truck on a wooden ramp.
>
> My thought is that this thing was designed to be in the back of a truck...the main thing is to make certain it won't move around and that the decks stay in place. How about the tubes? My thought was to remove and pack the 6000 but the rest can ride in place.
>
> Comments/hints/tips?
>
> tnx es 73,
> Niel - W0VLZ
> Rochester, MN
>

# 4570. psu

Yahoo group: T-368_BC-610
Date: 2011-07-02 17:54:29 UTC
From: Alan Morriss
Topic: 4570  Message: 4570

the transformer may be ok , but everything is such a mess that i would like a nice clean one. the fuse went, and i will get another on monday. i strongly suspect the smoothing caps . the smell is terrible ! alan

[Non-text portions of this message have been removed]

# 4571. AWA Convention Web Site UP

Yahoo group: T-368_BC-610
Date: 2011-07-05 14:16:38 UTC
From: Roy
Topic: 4571  Message: 4571

I hope this appropriate.

I am the Curator of The Military Collection at the AWA Museum. I also am the Chairman of the AWA Convention. We will be having a number of militray exhibits as well as contest categories for military equipment.

http://www.awaconference.com

Roy Wildermuth

# 4572. Progress on AWA T-368

Yahoo group: T-368_BC-610
Date: 2011-07-06 03:46:46 UTC
From: Roy
Topic: 4572  Message: 4572

I have strapped out two of the interlocks. I now have PTT but no Grid drive or exciter signal. I found that the interlock on the upper right side of the RF deck was not making contact so I strapped that. I am hoping against hope that it is an interlock problem. But still no exciter.

Roy Wildermuth

# 4573. Re: [T-368_BC-610] Progress on AWA T-368

Yahoo group: T-368_BC-610
Date: 2011-07-06 07:40:49 UTC
From: mac
Topic: 4572  Message: 4573

Can you hear the exciter in a nearby receiver? If so, check that the exciter output is patched over to the PA grid. If the rig was previously used for RTTY the exciter output would have been internally patched over to one of the connectors on the front, LH side of the RF deck. If you can't hear any exciter signal something's wrong in the exciter chassis or LMO.

Dennis D. W7QHO
Glendale, CA

**********
On Jul 5, 2011, at 8:46 PM, Roy wrote:

> I have strapped out two of the interlocks. I now have PTT but no
> Grid drive or exciter signal. I found that the interlock on the
> upper right side of the RF deck was not making contact so I strapped
> that. I am hoping against hope that it is an interlock problem. But
> still no exciter.
>
> Roy Wildermuth
>
>
>

[Non-text portions of this message have been removed]

# 4574. exciter

Yahoo group: T-368_BC-610
Date: 2011-07-06 08:16:51 UTC
From: Alan Morriss
Topic: 4574  Message: 4574

hello roy, the exciter power does not run through the interlocks. have you checked the rectifier V5 ? be very careful if you have bridged the interlocks. it is easy to go to transmit with the doors open and a shock from the tank coil is not a lot of fun . always check the red light . cheers, alan G4GEN

[Non-text portions of this message have been removed]

# 4575. Re: [T-368_BC-610] exciter

Yahoo group: T-368_BC-610
Date: 2011-07-06 13:11:05 UTC
From: roy wildermuth
Topic: 4574  Message: 4575

Will do.

I hated to bridge them and I will most likely repair them.

Roy W

On Wed, Jul 6, 2011 at 4:16 AM, Alan Morriss <mohawk@...> wrote:

> **
>
>
> hello roy, the exciter power does not run through the interlocks. have you
> checked the rectifier V5 ? be very careful if you have bridged the
> interlocks. it is easy to go to transmit with the doors open and a shock
> from the tank coil is not a lot of fun . always check the red light .
> cheers, alan G4GEN
>
> [Non-text portions of this message have been removed]
>
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>

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P*** * Please consider the environment before printing this e-mail.

[Non-text portions of this message have been removed]

# 4576. Re: [T-368_BC-610] Progress on AWA T-368

Yahoo group: T-368_BC-610
Date: 2011-07-06 14:07:51 UTC
From: James M. Walker
Topic: 4572  Message: 4576

As I stated to you directly, working on the T-368 like that is dangerous!
"Caveaut Emptor" it is advised that you find someone with time and knowledge
to come there and gave you assistance! The problems you described indicate
there is more going on than is immediately apparent, "SIR" ! FWIW
Jim
WB2FCN

----- Original Message -----
From: "Roy" <w3rlw@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Tuesday, July 05, 2011 11:46 PM
Subject: [T-368_BC-610] Progress on AWA T-368

>I have strapped out two of the interlocks. I now have PTT but no Grid drive
>or exciter signal. I found that the interlock on the upper right side of
>the RF deck was not making contact so I strapped that. I am hoping against
>hope that it is an interlock problem. But still no exciter.
>
> Roy Wildermuth
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# 4577. Re: [T-368_BC-610] Progress on AWA T-368

Yahoo group: T-368_BC-610
Date: 2011-07-06 14:23:43 UTC
From: Mark Foltarz
Topic: 4572  Message: 4577

Roy,

  If you can hear the exciter in a receiver, check the cabling that goes from the exciter to the front panel.

 Mine was still wired up for RTTY service and I had to reconnect the  bnc cables from the exciter directly to the PA.

 de KA4JVY

Mark

>_____
>From: Roy <w3rlw@...>
>To: T-368_BC-610@yahoogroups.com
>Sent: Tuesday, July 5, 2011 11:46 PM
>Subject: [T-368_BC-610] Progress on AWA T-368
>
>
>
>I have strapped out two of the interlocks. I now have PTT but no Grid drive or exciter signal. I found that the interlock on the upper right side of the RF deck was not making contact so I strapped that. I am hoping against hope that it is an interlock problem. But still no exciter.
>
>Roy Wildermuth
>
>
>
>
>

[Non-text portions of this message have been removed]

# 4578. Re: [T-368_BC-610] Progress on AWA T-368

Yahoo group: T-368_BC-610
Date: 2011-07-06 14:48:23 UTC
From: Wayne
Topic: 4572  Message: 4578

Is the time delay relay in that circuit? I think it is a couple of minutes before it closes. You should hear it if the fans aren't to loud.

Wayne

----- Original Message -----
From: "Roy" <w3rlw@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Tuesday, July 05, 2011 10:46 PM
Subject: [T-368_BC-610] Progress on AWA T-368

I have strapped out two of the interlocks. I now have PTT but no Grid drive or exciter signal. I found that the interlock on the upper right side of the RF deck was not making contact so I strapped that. I am hoping against hope that it is an interlock problem. But still no exciter.

Roy Wildermuth

# 4579. RF safety [was] RE: Re: [T-368_BC-610] exciter

Yahoo group: T-368_BC-610
Date: 2011-07-06 16:57:06 UTC
From: Trevor
Topic: 4579  Message: 4579

Just an additional "Amen" to the comment about importance of safety around high tension RF-

Back when I was a daydreaming teenager I rescusitated a 100 W Collins ART-13 that had been sitting in someone's barn for several decades. As it was finally coming together in function,
I had the lid off but the disconnects jumpered in order to take some readings as it transmitted
into a dummy load. Then I unkeyed it intending to take some more measurements, but somewhere
(forget where) the keying circuit was still completed. I was deep in thinking about the readings I was seeing and what they indicated.

One of my fingers got in the vicinity of the high-impedance end of the tank
circuit as I was putting a voltmeter probe on something else nearby -- I was nowhere near touching the tank components, but close enough that in a split second an RF arc longer than I'd
have ever thought possible "reached out and touched" my thumb, instantaneously burning an RF
hole deep into the tissue. I'm really darned lucky that it healed OK and that no other parts
of me were involved in that inadvertent completion of a circuit. In hindsight, was I distracted and foolhardy- absolutely-- but I also experienced the surprise [even though I knew
the theory in the abstract] that potent RF can do some interesting and intense things that one
does not expect when so much of the "hands on" learning one has probably done involves dynamics
associated with DC or relatively low frequency AC.

73 and bravo for the work you are doing (and sharing your experience with)
de
Trevor
KD1YT in VT

------- Original Message -------
From : roy wildermuth[mailto:w3rlw@...]
Sent : 7/6/2011 9:11:05 AM
To : T-368_BC-610@yahoogroups.com
Cc :
Subject : RE: Re: [T-368_BC-610] exciter

Will do.

I hated to bridge them and I will most likely repair them.

Roy W

On Wed, Jul 6, 2011 at 4:16 AM, Alan Morriss <mohawk@....uk> wrote:

> **
>
>
> hello roy, the exciter power does not run through the interlocks. have you
> checked the rectifier V5 ? be very careful if you have bridged the
> interlocks. it is easy to go to transmit with the doors open and a shock
> from the tank coil is not a lot of fun . always check the red light .
> cheers, alan G4GEN

# 4580. Re: [T-368_BC-610] Progress on AWA T-368

Yahoo group: T-368_BC-610
Date: 2011-07-06 20:35:44 UTC
From: roy wildermuth
Topic: 4572  Message: 4580

Jim

I am not working on the T-368 plugged in. I merely strapped the interlocks due to the fact that they were not functioning. I do not open it without it being unplugged.

Since you are the expert I would bend your year for this.

(a) When I first go T-3 The power would go on, both blowers and filaments. Meter indicated heater voltage. Red light would go on when Hi voltage breaker was turn on and the plate relay switch was thrown. There did not appear to be any Hi Voltage. Nothing showed on the multimeter. And the PTT would not trigger the red light.

(b)Then I strapped the Interlock in the center of the rear of the modulation deck. The red light would then go on with PTT and there appeared to be HI. No Grid and no exciter signal. There appeared to be activity in the modulator when I spoke into the mic. Int Plate X10 pinned on the meter. Thought I hear some arcing.

Last night I strapped the Interlock on the RF deck.

Nothing, back to zero.(a)

Strapped the small interlock switch in the right front of RF deck. Back to (b) except no activity on Int Plate x10

Looking at the Exciter I see that there are 2 BNC jacks on the exciter chassis near the PTO that are not connected.

This is how far I have gotten.

Roy W

I would love to find someone who would come and look this over or chat on the phone. I would be glad to pay, but I have found no one yet. We tacked a BC-610 but did have an experienced person. The T-3 is a pain due to the size and the high voltage.

Roy Wildermuth
AWA Museum

On Wed, Jul 6, 2011 at 10:07 AM, James M. Walker <chejmw@buffalo.edu> wrote:

> **
>
>
> As I stated to you directly, working on the T-368 like that is dangerous!

> "Caveaut Emptor" it is advised that you find someone with time and
> knowledge
> to come there and gave you assistance! The problems you described indicate
> there is more going on than is immediately apparent, "SIR" ! FWIW
> Jim
> WB2FCN
>
>
> ----- Original Message -----
> From: "Roy" <w3rlw@...>
> To: <T-368_BC-610@yahoogroups.com>
> Sent: Tuesday, July 05, 2011 11:46 PM
> Subject: [T-368_BC-610] Progress on AWA T-368
>
> >I have strapped out two of the interlocks. I now have PTT but no Grid
> drive
> >or exciter signal. I found that the interlock on the upper right side of
> >the RF deck was not making contact so I strapped that. I am hoping against
>
> >hope that it is an interlock problem. But still no exciter.
> >
> > Roy Wildermuth
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# 4581. Re: [T-368_BC-610] Progress on AWA T-368

Yahoo group: T-368_BC-610
Date: 2011-07-06 22:46:16 UTC
From: Joe Foley
Topic: 4572  Message: 4581

Nah, first things first.

Check the "files" section of this website and read all of the "start-up" procedures there. You will find information on the interlock system and some of its problems.

The interlock on the upper right of the RF deck can be operated by pulling the plunger OUT, so you can troubleshoot the RF deck, to some extent, under power.

I would be surprised if you did NOT have interlock problems.

Joe

--- On Wed, 7/6/11, Wayne <wb5tcd@...> wrote:

From: Wayne <wb5tcd@...>
Subject: Re: [T-368_BC-610] Progress on AWA T-368
To: T-368_BC-610@yahoogroups.com
Date: Wednesday, July 6, 2011, 10:48 AM

Is the time delay relay in that circuit? I think it is a couple of minutes
before it closes. You should hear it if the fans aren't to loud.

Wayne

----- Original Message -----
From: "Roy" <w3rlw@....com>
To: <T-368_BC-610@yahoogroups.com>
Sent: Tuesday, July 05, 2011 10:46 PM
Subject: [T-368_BC-610] Progress on AWA T-368

I have strapped out two of the interlocks. I now have PTT but no Grid drive
or exciter signal. I found that the interlock on the upper right side of the
RF deck was not making contact so I strapped that. I am hoping against hope
that it is an interlock problem. But still no exciter.

Roy Wildermuth

[Non-text portions of this message have been removed]

# 4582. Re: [T-368_BC-610] Progress on AWA T-368

Yahoo group: T-368_BC-610
Date: 2011-07-06 22:48:11 UTC
From: Joe Foley
Topic: 4572  Message: 4582

YES!  So was mine.  Make sure everything is plugged in, too.

You may want to re-connect that same wiring so you can see the exciter output on a scope using the external BNC connector on the front panel.

Joe

--- On Wed, 7/6/11, Mark Foltarz <Foltarz@rocketmail.com> wrote:

From: Mark Foltarz <Foltarz@...>
Subject: Re: [T-368_BC-610] Progress on AWA T-368
To: "T-368_BC-610@yahoogroups.com" <T-368_BC-610@yahoogroups.com>
Date: Wednesday, July 6, 2011, 10:23 AM

Roy,

  If you can hear the exciter in a receiver, check the cabling that goes from the exciter to the front panel.

 Mine was still wired up for RTTY service and I had to reconnect the  bnc cables from the exciter directly to the PA.

 de KA4JVY

Mark

>_____
>From: Roy <w3rlw@...>
>To: T-368_BC-610@yahoogroups.com
>Sent: Tuesday, July 5, 2011 11:46 PM
>Subject: [T-368_BC-610] Progress on AWA T-368
>
>
>
>I have strapped out two of the interlocks. I now have PTT but no Grid drive or exciter signal. I found that the interlock on the upper right side of the RF deck was not making contact so I strapped that. I am hoping against hope that it is an interlock problem. But still no exciter.
>
>Roy Wildermuth
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[Non-text portions of this message have been removed]

# 4583. Re: [T-368_BC-610] Progress on AWA T-368

Yahoo group: T-368_BC-610
Date: 2011-07-06 22:49:38 UTC
From: Joe Foley
Topic: 4572  Message: 4583

Yeah,... yeah, check out the interlock system FIRST, and make that work right.

Joe

--- On Wed, 7/6/11, James M. Walker <chejmw@...> wrote:

From: James M. Walker <chejmw@...>
Subject: Re: [T-368_BC-610] Progress on AWA T-368
To: T-368_BC-610@yahoogroups.com
Date: Wednesday, July 6, 2011, 10:07 AM

As I stated to you directly, working on the T-368 like that is dangerous!
"Caveaut Emptor" it is advised that you find someone with time and knowledge
to come there and gave you assistance! The problems you described indicate
there is more going on than is immediately apparent, "SIR" ! FWIW
Jim
WB2FCN

----- Original Message -----
From: "Roy" <w3rlw@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Tuesday, July 05, 2011 11:46 PM
Subject: [T-368_BC-610] Progress on AWA T-368

>I have strapped out two of the interlocks. I now have PTT but no Grid drive
>or exciter signal. I found that the interlock on the upper right side of
>the RF deck was not making contact so I strapped that. I am hoping against
>hope that it is an interlock problem. But still no exciter.
>
> Roy Wildermuth
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[Non-text portions of this message have been removed]

# 4584. Re: [T-368_BC-610] Progress on AWA T-368

Yahoo group: T-368_BC-610
Date: 2011-07-06 23:22:45 UTC
From: Harold Hairston
Topic: 4572  Message: 4584

Don't trust "The Red Lamp". The lamp can be off and HV is still available in some parts if the HV circuit breaker is up and the HV Switch is off.. For example, do the PTT and it is everywhere if the HV Switch is down..

Harold

----- Original Message -----
From: Mark Foltarz
To: T-368_BC-610@yahoogroups.com
Sent: Wednesday, July 06, 2011 10:23 AM
Subject: Re: [T-368_BC-610] Progress on AWA T-368

Roy,

If you can hear the exciter in a receiver, check the cabling that goes from the exciter to the front panel.

Mine was still wired up for RTTY service and I had to reconnect the bnc cables from the exciter directly to the PA.

de KA4JVY

Mark

>_____
>From: Roy <w3rlw@rochester.rr.com>
>To: T-368_BC-610@yahoogroups.com
>Sent: Tuesday, July 5, 2011 11:46 PM
>Subject: [T-368_BC-610] Progress on AWA T-368
>
>
>
>I have strapped out two of the interlocks. I now have PTT but no Grid drive or exciter signal. I found that the interlock on the upper right side of the RF deck was not making contact so I strapped that. I am hoping against hope that it is an interlock problem. But still no exciter.
>
>Roy Wildermuth
>
>
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>
>

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[Non-text portions of this message have been removed]

# 4585. Entry to Bc-610 and T-368 Registry

Yahoo group: T-368_BC-610
Date: 2011-07-07 01:58:57 UTC
From: Roy
Topic: 4585  Message: 4585

Hello

How do I enter my transmitters into the registry

# 4586. Re: [T-368_BC-610] Entry to Bc-610 and T-368 Registry

Yahoo group: T-368_BC-610
Date: 2011-07-07 02:30:43 UTC
From: Brian Harris
Topic: 4585  Message: 4586

Go the group website and click on database.

Brian Harris, WA5UEK
phone 214-763-5977
email cosmophone@...
website www.myhamshack.com/wa5uek
http://groups.yahoo.com/group/nationalradio/

It is far better to grasp the universe as it really is than to persist in delusion, however satisfying and reassuring. -Carl Sagan

---
From: Roy <w3rlw@...>
To: T-368_BC-610@yahoogroups.com
Sent: Wed, July 6, 2011 8:58:57 PM
Subject: [T-368_BC-610] Entry to Bc-610 and T-368 Registry

Hello

How do I enter my transmitters into the registry

[Non-text portions of this message have been removed]

# 4587. Re: [T-368_BC-610] Entry to Bc-610 and T-368 Registry

Yahoo group: T-368_BC-610
Date: 2011-07-07 19:17:33 UTC
From: rbethman
Topic: 4585  Message: 4587

You send the information to me direct.

I'm the "keeper" of the BC-610 registry.

"Name","Call","email","Model","OrderNumber","Mfr","S/N",Model","BC614"OrderNum","AmpMfr","S/N",
"TunerMdl","BC939OrderNum","BC939Manufacturer","BC939S/N,"Comments"

The above are the columns in the registry.

Bob - N0DGN

On 7/6/2011 9:58 PM, Roy wrote:
>
> Hello
>
> How do I enter my transmitters into the registry
>
>

[Non-text portions of this message have been removed]

# 4588. Re: [T-368_BC-610] Entry to Bc-610 and T-368 Registry

Yahoo group: T-368_BC-610
Date: 2011-07-07 19:21:05 UTC
From: rbethman
Topic: 4585  Message: 4588

Neither Database is open to the members to create or modify entries.

I, N0DGN, Bob, stepped up and took the BC-610 Registry.

To the best of my knowledge, Joe Foley runs the T-368 one.

Bob - N0DGN

On 7/6/2011 10:30 PM, Brian Harris wrote:
>
> Go the group website and click on database.
>
> Brian Harris, WA5UEK
>
> _____
> From: Roy <w3rlw@... <mailto:w3rlw%40rochester.rr.com>>
> To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> Sent: Wed, July 6, 2011 8:58:57 PM
> Subject: [T-368_BC-610] Entry to Bc-610 and T-368 Registry
>
> Hello
>
> How do I enter my transmitters into the registry
>

[Non-text portions of this message have been removed]

# 4589. BC-610 and T-368 Registries

Yahoo group: T-368_BC-610
Date: 2011-07-07 20:49:06 UTC
From: rbethman
Topic: 4585  Message: 4589

Neither Database is open to the members to create or modify entries.

I, N0DGN, Bob, stepped up and took the BC-610 Registry.

I have access to the T-368 Registry also, so I just discovered.

So throw those to me direct also!

Bob - N0DGN

# 4590. Re: [T-368_BC-610] Progress on AWA T-368

Yahoo group: T-368_BC-610
Date: 2011-07-08 00:10:06 UTC
From: Joe Foley
Topic: 4572  Message: 4590

Roy,

Very carefully check the HV wiring under the power supply deck near the 3B28's if it is cracked at all it will arc on transmit.  Also, there are two spark-gaps on the HV caps under there, check that they are adjusted properly.

You really need to get a manual for this before you put power to it.  You should have done a LOT of cleaning to prevent arcs on the HV components.

Joe

--- On Tue, 7/5/11, Roy <w3rlw@...> wrote:

From: Roy <w3rlw@...>
Subject: [T-368_BC-610] Progress on AWA T-368
To: T-368_BC-610@yahoogroups.com
Date: Tuesday, July 5, 2011, 11:46 PM

I have strapped out two of the interlocks. I now have PTT but no Grid drive or exciter signal. I found that the interlock on the upper right side of the RF deck was not making contact so I strapped that. I am hoping against hope that it is an interlock problem. But still no exciter.

Roy Wildermuth

[Non-text portions of this message have been removed]

# 4591. Re: Progress on AWA T-368

Yahoo group: T-368_BC-610
Date: 2011-07-08 00:33:27 UTC
From: Roy
Topic: 4572  Message: 4591

Hi

I do have a manual for it. Just looking for any tips from those who have gone before. I am taking a step back and doing some cleaning.

Roy Wildermuth.

--- In T-368_BC-610@yahoogroups.com, Joe Foley <redmenaced@...> wrote:
>
> Roy,
>
> Very carefully check the HV wiring under the power supply deck near the 3B28's if it is cracked at all it will arc on transmit.Â  Also, there are two spark-gaps on the HV caps under there, check that they are adjusted properly.
>
> You really need to get a manual for this before you put power to it.Â  You should have done a LOT of cleaning to prevent arcs on the HV components.
>
> Joe
>
>
>
> --- On Tue, 7/5/11, Roy <w3rlw@...> wrote:
>
> From: Roy <w3rlw@...>
> Subject: [T-368_BC-610] Progress on AWA T-368
> To: T-368_BC-610@yahoogroups.com
> Date: Tuesday, July 5, 2011, 11:46 PM
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> I have strapped out two of the interlocks. I now have PTT but no Grid drive or exciter

signal. I found that the interlock on the upper right side of the RF deck was not making contact so I strapped that. I am hoping against hope that it is an interlock problem. But still no exciter.
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> Roy Wildermuth
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> [Non-text portions of this message have been removed]
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# 4592. Re: [T-368_BC-610] Re: Progress on AWA T-368

Yahoo group: T-368_BC-610
Date: 2011-07-08 10:18:15 UTC
From: Geoff Edmonson
Topic: 4572  Message: 4592

On 07/07/2011 07:33 PM, Roy wrote:
> Hi
>
> I do have a manual for it. Just looking for any tips from those who have gone before. I am taking a step back and doing some cleaning.
>

I'm afraid there might already be damage done, by trying to key the thing up and talk to it.

The arc'ing you probably heard, was the modulation transformer shorting while producing 100+% output into ... no load (because of no B+ on the final).

Step by step. pull out the power supply drawer, and address any and all components in it.

Pull out the Modulator drawer and check the tubes and all transformers and capacitors on that deck, then

pull out the final PA deck and do the same to it.

Each deck will probably take -at least- a good 8 hours to completely go through and check, and the toughest is gonna be the final.

There's more to these ol' rigs than squeezing a button and talking into a microphone.

--
73 = Best Regards,
-Geoff/W5OMR

# 4593. BC610

Yahoo group: T-368_BC-610
Date: 2011-07-09 20:50:13 UTC
From: Alan Morriss
Topic: 4221  Message: 4593

hello guys, i just learned something interesting. the other day i bought a morse key for my TBY8 from murphy's surplus. mike murphy turnrd out a really nice interesting person , and we exchanged a few emails. he operated the BC610 in se asia during the late sixties . i had no idea uncle sam used them so late . they used the R388 with it in the shelter which was the GRC26A comms shelter.the R390A was also used . alan G4GEN

[Non-text portions of this message have been removed]

# 4594. Re: [T-368_BC-610] BC610

Yahoo group: T-368_BC-610
Date: 2011-07-09 21:18:33 UTC
From: rbethman
Topic: 4221  Message: 4594

Yep! They even had one based at Arecibo in the late 60s.

They got more use than folks know. My second one is a T-213, and it is a "slightly" modified BC-610I. Date stenciled on the front says it went through depot in Jul 1959.

That should give some idea that they were intending on continued life.

Bob - N0DGN

On 7/9/2011 4:50 PM, Alan Morriss wrote:
>
> hello guys, i just learned something interesting. the other day i
> bought a morse key for my TBY8 from murphy's surplus. mike murphy
> turnrd out a really nice interesting person , and we exchanged a few
> emails. he operated the BC610 in se asia during the late sixties . i
> had no idea uncle sam used them so late . they used the R388 with it
> in the shelter which was the GRC26A comms shelter.the R390A was also
> used . alan G4GEN
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 4595. Re: [T-368_BC-610] BC610

Yahoo group: T-368_BC-610
Date: 2011-07-10 00:33:47 UTC
From: roy wildermuth
Topic: 4221  Message: 4595

We are in the process of restoring the a GRC26A shelter. We have the R-388
that work in diversity.

Roy Wildermuth
AWA Museum

On Sat, Jul 9, 2011 at 4:50 PM, Alan Morriss <mohawk@...> wrote:

> **
>
>
> hello guys, i just learned something interesting. the other day i bought a
> morse key for my TBY8 from murphy's surplus. mike murphy turnrd out a really
> nice interesting person , and we exchanged a few emails. he operated the
> BC610 in se asia during the late sixties . i had no idea uncle sam used them
> so late . they used the R388 with it in the shelter which was the GRC26A
> comms shelter.the R390A was also used . alan G4GEN
>
> [Non-text portions of this message have been removed]
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>

--
P*** * Please consider the environment before printing this e-mail.

[Non-text portions of this message have been removed]

# 4596. BC610

Yahoo group: T-368_BC-610
Date: 2011-07-10 06:45:50 UTC
From: Alan Morriss
Topic: 4221  Message: 4596

i should not surprised that they went on so long really. what finished them was the need for ssb. they gave 350 watts of reliable power , were already long since paiid for , and were cheap to maintain as spares were available in large quantities. using our scr399 truck i have worked all round europe and as far as central russia on the whip antenna . it is a bit like the DC3 . any replacement has to be a great deal more costly . alan G4GEN

[Non-text portions of this message have been removed]

# 4597. Re: [T-368_BC-610] Re: Progress on AWA T-368

Yahoo group: T-368_BC-610
Date: 2011-07-12 00:13:14 UTC
From: Joe Foley
Topic: 4572  Message: 4597

GOOD!  Cleaning also helps you get familiar with it, and the locations of its components. It also is a chance to find any modifications,.... good of bad.

And then there  is the missing parts, too.

Joe

--- On Thu, 7/7/11, Roy <w3rlw@...> wrote:

From: Roy <w3rlw@...>
Subject: [T-368_BC-610] Re: Progress on AWA T-368
To: T-368_BC-610@yahoogroups.com
Date: Thursday, July 7, 2011, 8:33 PM

Hi

I do have a manual for it. Just looking for any tips from those who have gone before. I am taking a step back and doing some cleaning.

Roy Wildermuth.

--- In T-368_BC-610@yahoogroups.com, Joe Foley <redmenaced@...> wrote:
>
> Roy,
>
> Very carefully check the HV wiring under the power supply deck near the 3B28's if it is cracked at all it will arc on transmit.Â  Also, there are two spark-gaps on the HV caps under there, check that they are adjusted properly.
>
> You really need to get a manual for this before you put power to it.Â  You should have done a LOT of cleaning to prevent arcs on the HV components.
>
> Joe
>
>
>
> --- On Tue, 7/5/11, Roy <w3rlw@...> wrote:
>
> From: Roy <w3rlw@...>
> Subject: [T-368_BC-610] Progress on AWA T-368
> To: T-368_BC-610@yahoogroups.com
> Date: Tuesday, July 5, 2011, 11:46 PM
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> I have strapped out two of the interlocks. I now have PTT but no Grid drive or exciter signal. I found that the interlock on the upper right side of the RF deck was not making contact so I strapped that. I am hoping against hope that it is an interlock problem. But still no exciter.
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> Roy Wildermuth
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> [Non-text portions of this message have been removed]
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# 4598. Re: [T-368_BC-610] Progress on AWA T-368

Yahoo group: T-368_BC-610
Date: 2011-07-14 13:58:14 UTC
From: roy wildermuth
Topic: 4572  Message: 4598

MARK

Did yours look like this with two BNC connectors on the Exciter empty.
(picture attached)

Roy

On Wed, Jul 6, 2011 at 10:23 AM, Mark Foltarz <Foltarz@...>wrote:

> **
>
>
>
>
> Roy,
>
> If you can hear the exciter in a receiver, check the cabling that goes
> from the exciter to the front panel.
>
> Mine was still wired up for RTTY service and I had to reconnect the bnc
> cables from the exciter directly to the PA.
>
> de KA4JVY
>
> Mark
>
> >_____
>
> >From: Roy <w3rlw@rochester.rr.com>
> >To: T-368_BC-610@yahoogroups.com
> >Sent: Tuesday, July 5, 2011 11:46 PM
>
> >Subject: [T-368_BC-610] Progress on AWA T-368
> >
> >
> >
> >I have strapped out two of the interlocks. I now have PTT but no Grid
> drive or exciter signal. I found that the interlock on the upper right side
> of the RF deck was not making contact so I strapped that. I am hoping
> against hope that it is an interlock problem. But still no exciter.
> >
> >Roy Wildermuth
> >
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> [Non-text portions of this message have been removed]
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P*** * Please consider the environment before printing this e-mail.

[Non-text portions of this message have been removed]

# 4599. BC610

Yahoo group: T-368_BC-610
Date: 2011-07-15 13:55:02 UTC
From: Alan Morriss
Topic: 4221  Message: 4599

hello guys, well , the BC610 is now firing on all cylinders. i had a careful look at the photo of TS1 which jan in holland sent me , and saw what i had done wrong . two wires were switched over . all is now fine, and the old girl is working well. i am getting 6 amps antenna current into the whip .
one bonus of all my trouble is that i really know the tx now ! alan G4GEN

[Non-text portions of this message have been removed]

# 4600. ant

Yahoo group: T-368_BC-610
Date: 2011-07-15 20:30:31 UTC
From: Alan Morriss
Topic: 4600  Message: 4600

hello , it must be pretty low as it is only a 15 foot whip working on 3615 khz . the BC939 matches it really well .i had severar qsos this evening and received good reports. cheers, alan

[Non-text portions of this message have been removed]

# 4601. Re: [T-368_BC-610] BC610

Yahoo group: T-368_BC-610
Date: 2011-07-15 22:25:40 UTC
From: Joe Foley
Topic: 4221  Message: 4601

Ya see?!?

If you just turn it on and it works you didn't learn anything!!

There now, wasn't that fun?

Joe,

--- On Fri, 7/15/11, Alan Morriss <mohawk@...> wrote:

From: Alan Morriss <mohawk@...>
Subject: [T-368_BC-610] BC610
To: T-368_BC-610@yahoogroups.com
Date: Friday, July 15, 2011, 9:55 AM

hello guys, well , the BC610 is now firing on all cylinders. i had a careful look at the photo of TS1 which jan in holland sent me , and saw what i had done wrong . two wires were switched over . all is now fine, and the old girl is working well. i am getting 6 amps antenna current into the whip .
one bonus of all my trouble is that i really know the tx now ! alan G4GEN

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4602. Re: BC610

Yahoo group: T-368_BC-610
Date: 2011-07-16 05:35:20 UTC
From: Roger Basford
Topic: 4221  Message: 4602

Alan.

Are you taking the SCR-399 to the War & Peace Show? If so, could you have a listen out for us operating from Flixton next weekend, we expect to be on 3615 and 3575.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello guys, well , the BC610 is now firing on all cylinders. i had a careful look at the photo of TS1 which jan in holland sent me , and saw what i had done wrong . two wires were switched over . all is now fine, and the old girl is working well. i am getting 6 amps antenna current into the whip .
> one bonus of all my trouble is that i really know the tx now ! alan G4GEN
>
> [Non-text portions of this message have been removed]
>

# 4603. yes

Yahoo group: T-368_BC-610
Date: 2011-07-16 06:30:40 UTC
From: Alan Morriss
Topic: 4603  Message: 4603

of course you are right joe. that is really the fun of vintage gear. it was not all that great lying on my side bent double to do the work though ! many times i was so frustrated that i thought of just giving up . alan G4GEN

[Non-text portions of this message have been removed]

# 4604. reply

Yahoo group: T-368_BC-610
Date: 2011-07-16 06:32:40 UTC
From: Alan Morriss
Topic: 4438  Message: 4604

hello roger, we are taking it over today after the net . i am just going to brave the rain and walk over to it so that i can be ready for 8.30 . alan

[Non-text portions of this message have been removed]

# 4605. Re: [T-368_BC-610] yes

Yahoo group: T-368_BC-610
Date: 2011-07-16 09:48:04 UTC
From: Geoff Edmonson
Topic: 4603  Message: 4605

On 07/16/2011 01:30 AM, Alan Morriss wrote:
> of course you are right joe. that is really the fun of vintage gear. it was not all that great lying on my side bent double to do the work though ! many times i was so frustrated that i thought of just giving up . alan G4GEN
>

A Hydraulic table would be awesome for working on these beasts, Alan.
Of course, you'd need a forklift to get thing up to that level, but
finding a way to elevate the thing to the levels you need would save a
lot of backs.

73 = Best Regards,
-Geoff/W5OMR

# 4606. table

Yahoo group: T-368_BC-610
Date: 2011-07-16 12:57:56 UTC
From: Alan Morriss
Topic: 4606  Message: 4606

well geoff, we have a forklift , but i hope not to have to use it again for some time ! i think that every year we should remove the transmitter from the shelter and clean it inside . you need a forklift for that or a team of stromg men . a hydraulic table sounds a fine idea. alan

[Non-text portions of this message have been removed]

# 4607. Re: reply

Yahoo group: T-368_BC-610
Date: 2011-07-16 13:52:28 UTC
From: Roger Basford
Topic: 4438  Message: 4607

OK Alan,

Will keep an ear on 3615 and may be able to get a two-way.

73

Roger

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello roger, we are taking it over today after the net . i am just going to brave the rain and walk over to it so that i can be ready for 8.30 . alan
>
> [Non-text portions of this message have been removed]
>

# 4608. FS: Some 3.5 MHz band BC610 crystals

Yahoo group: T-368_BC-610
Date: 2011-07-23 12:46:24 UTC
From: Bry Carling
Topic: 4608  Message: 4608

FOR SALE: Group of Three 3.5 MHz band U.S. Signal Corps BC610 crystals

These are the large FT171-B crystals with a handle on the top, as used in the BC610 and T368 transmitters etc.

3510 KC
3580 KC
3870 KC

Available for $19.00 each or will sell the group of three for $39.00

Shipping additional

73 - Brian, AF4K

[Non-text portions of this message have been removed]

# 4609. scr399

Yahoo group: T-368_BC-610
Date: 2011-07-23 21:04:52 UTC
From: Alan Morriss
Topic: 4204  Message: 4609

hello guys. we took the truck to the war and peace show at the whitbread hop farm , beltring , kent . operating today we had about 20 contacts including one in holland. mostly good to excellent reports were received. the antenna was a 40 foot heavy wire from the whip antenna socket to the mast . later i decided to go to 20 metre cw .
i changed the coil and tuning unit , but there was no plate current or any pa grid. going back to the 80 metre ones had the same result. . something in the ht line must have gone, as all exciter readings are fine. oh well it keeps me occupied ! alan G4GEN

[Non-text portions of this message have been removed]

# 4610. FS: Box of 70 Precision Resistors

Yahoo group: T-368_BC-610
Date: 2011-07-24 01:44:28 UTC
From: Bry Carling
Topic: 4610  Message: 4610

FOR SALE: Box of 70 Precision Wirewound Resistors, NOS.

Most are made by Shallcross Electronics of Collingdale, PA and a few from IRC and Bond Electronics of Summit, NJ etc. Most of these are 1% or better.
Examples: 3.3K, 4.0K, 5.0 K, 6.25K, 23.75K, 50K, 64K, 100K, 130K, 450K, 500K, 900K, 2.0 Megohms, 2.5 Megohms, 4.8 Megohms.

Will sell the whole box of resistors for $30.00 plus shipping.

73 - Brian, AF4K

[Non-text portions of this message have been removed]

# 4611. Is this a fault?

Yahoo group: T-368_BC-610
Date: 2011-07-25 13:35:49 UTC
From: Roger Basford
Topic: 4611  Message: 4611

Hi All,

Whilst running up my collection of TU tuning units I noticed that when the TU-49 (for 80 metres) is in the rack the three voltage regulator tubes seem a lot dimmer than when I have a TU in for Top Band or 40 metres.

This looks to be related to the load on the exciter power supply, as if I remove the crystal from the TU-49 the VRs come up to full glow, and switching to MO dims them again. The same happens if I tune the two stages on the TU to off-resonance. The VRs are not totally dimmed out on the TU-49, they are just markedly dimmer than the other TUs. A spare TU-49 gives the same result - as does swapping TU slots. There's no obvious overheating or nasty smells coming from the exciter deck and meter readings seem about normal.

My question is, is this a possible fault condition or is it something that others have noticed? I am running the BC-610-E from a 230 to 110V step-down transformer and our domestic supply is 50Hz in the UK. Given that, this could just a be low exciter B+ issue. Where on the exciter would be the best point to take a voltmeter reading from? I am in the process of making up an octal tube extender to allow V & R measurements with the CO and BA tubes in situ.

73

Roger/G3VKM - Norfolk, England.

# 4612. Re: [T-368_BC-610] Is this a fault?

Yahoo group: T-368_BC-610
Date: 2011-07-25 14:04:13 UTC
From: bcarling@cfl.rr.com
Topic: 4612  Message: 4612

As a youngster I once made a fairly good little medium wave transmitter out of one of those tuning units.

----- Reply message -----
From: "Roger Basford" <Roger@...>
To: <T-368_BC-610@yahoogroups.com>
Subject: [T-368_BC-610] Is this a fault?
Date: Mon, Jul 25, 2011 9:35 am

Hi All,

Whilst running up my collection of TU tuning units I noticed that when the TU-49 (for 80 metres) is in the rack the three voltage regulator tubes seem a lot dimmer than when I have a TU in for Top Band or 40 metres.

This looks to be related to the load on the exciter power supply, as if I remove the crystal from the TU-49 the VRs come up to full glow, and switching to MO dims them again. The same happens if I tune the two stages on the TU to off-resonance. The VRs are not totally dimmed out on the TU-49, they are just markedly dimmer than the other TUs. A spare TU-49 gives the same result - as does swapping TU slots. There's no obvious overheating or nasty smells coming from the exciter deck and meter readings seem about normal.

My question is, is this a possible fault condition or is it something that others have noticed? I am running the BC-610-E from a 230 to 110V step-down transformer and our domestic supply is 50Hz in the UK. Given that, this could just a be low exciter B+ issue. Where on the exciter would be the best point to take a voltmeter reading from? I am in the process of making up an octal tube extender to allow V & R measurements with the CO and BA tubes in situ.

73

Roger/G3VKM - Norfolk, England.

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 4613. Re: Is this a fault?

Yahoo group: T-368_BC-610
Date: 2011-07-25 19:53:58 UTC
From: Roger Basford
Topic: 4611  Message: 4613

Just a follow-up: the voltages are correct on the screen and plate of the 6V6 Co/MO tube and the voltages are stable, so the VR tubes are doing their job OK.

Roger

--- In T-368_BC-610@yahoogroups.com, "Roger Basford" <Roger@...> wrote:
>
> Hi All,
>
> Whilst running up my collection of TU tuning units I noticed that when the TU-49 (for 80 metres) is in the rack the three voltage regulator tubes seem a lot dimmer than when I have a TU in for Top Band or 40 metres.
>
> This looks to be related to the load on the exciter power supply, as if I remove the crystal from the TU-49 the VRs come up to full glow, and switching to MO dims them again. The same happens if I tune the two stages on the TU to off-resonance. The VRs are not totally dimmed out on the TU-49, they are just markedly dimmer than the other TUs. A spare TU-49 gives the same result - as does swapping TU slots. There's no obvious overheating or nasty smells coming from the exciter deck and meter readings seem about normal.
>
> My question is, is this a possible fault condition or is it something that others have noticed? I am running the BC-610-E from a 230 to 110V step-down transformer and our domestic supply is 50Hz in the UK. Given that, this could just a be low exciter B+ issue. Where on the exciter would be the best point to take a voltmeter reading from? I am in the process of making up an octal tube extender to allow V & R measurements with the CO and BA tubes in situ.
>
> 73
>
> Roger/G3VKM - Norfolk, England.
>

# 4614. Re: [T-368_BC-610] Re: Is this a fault?

Yahoo group: T-368_BC-610
Date: 2011-07-25 20:12:49 UTC
From: rbethman
Topic: 4611  Message: 4614

Roger,

Check the 807s and see what they look like. These come after the 6V6
and 6L6.

Bob - N0DGN

On 7/25/2011 3:53 PM, Roger Basford wrote:
>
> Just a follow-up: the voltages are correct on the screen and plate of
> the 6V6 Co/MO tube and the voltages are stable, so the VR tubes are
> doing their job OK.
>
> Roger
>
> --- In T-368_BC-610@yahoogroups.com
> <mailto:T-368_BC-610%40yahoogroups.com>, "Roger Basford" <Roger@...>
> wrote:
> >
> > Hi All,
> >
> > Whilst running up my collection of TU tuning units I noticed that
> when the TU-49 (for 80 metres) is in the rack the three voltage
> regulator tubes seem a lot dimmer than when I have a TU in for Top
> Band or 40 metres.
> >
> > This looks to be related to the load on the exciter power supply, as
> if I remove the crystal from the TU-49 the VRs come up to full glow,
> and switching to MO dims them again. The same happens if I tune the
> two stages on the TU to off-resonance. The VRs are not totally dimmed
> out on the TU-49, they are just markedly dimmer than the other TUs. A
> spare TU-49 gives the same result - as does swapping TU slots. There's
> no obvious overheating or nasty smells coming from the exciter deck
> and meter readings seem about normal.
> >
> > My question is, is this a possible fault condition or is it
> something that others have noticed? I am running the BC-610-E from a
> 230 to 110V step-down transformer and our domestic supply is 50Hz in
> the UK. Given that, this could just a be low exciter B+ issue. Where
> on the exciter would be the best point to take a voltmeter reading
> from? I am in the process of making up an octal tube extender to allow
> V & R measurements with the CO and BA tubes in situ.
> >
> > 73
> >
> > Roger/G3VKM - Norfolk, England.

> >
>
>

--
+----------------------------------------------------------------+
| AM Amateur Radio Operator NØDGN |
+----------------------------------------------------------------+
| http://home.comcast.net/~rbethman/ |
+----------------------------------------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| \\ ~ ~ // signal does *NOT* mean |
| rbethman@... (/ @ @ /) that everything is OK " |
+----------------------o00o---°(_)°---o00o-------------------------+

[Non-text portions of this message have been removed]

# 4615. Re: Is this a fault?

Yahoo group: T-368_BC-610
Date: 2011-07-25 21:14:57 UTC
From: Roger Basford
Topic: 4611  Message: 4615

Hi Bob,

Will do, thanks.

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@...> wrote:
>
> Roger,
>
> Check the 807s and see what they look like. These come after the 6V6
> and 6L6.
>
> Bob - N0DGN
>

# 4616. 610

Yahoo group: T-368_BC-610
Date: 2011-07-26 08:50:18 UTC
From: Alan Morriss
Topic: 4367  Message: 4616

hello guys, well , the BC610 is back in business. i feel a bit stupid. it was only the door over the exciter section . the screws on the target were a bit loose. my fault when i put it back together. i somehow overlooked the red light not being on . i am going to try 20 metre cw for a bit , so we may be able to work BC610 to BC610 across the pond. i will be around 14 020 . the standard 15 foot whip should be ok on that frequency . it will save going up a tree to fix an anchorage for the long wire. alan G4GEN

[Non-text portions of this message have been removed]

# 4617. Re: Is this a fault?

Yahoo group: T-368_BC-610
Date: 2011-07-26 09:02:36 UTC
From: Roger Basford
Topic: 4611  Message: 4617

Hi Bob,

Well, the 807s both test OK and substituting them with other good examples made no difference to the VR tubes "glow level".

Tested all three VRs by substitution and no change but I did fall into the trap that if you leave one or more VR tubes out then you don't get any filament power on the exciter tubes or the 250TH! The filament transformer primary is wired through three links on the VR tube bases and if one is missing the deck won't power up, a sensible safety device, I suppose, to protect the tubes from over-voltage or the PA from lack of drive?

Exciter B+ is 450V off-load and drops to about 380ish with a tuned-up TU unit in place. Tried a new 5Z3 as well, no change. There's no sign of overheating on the deck or inside the TU (a spare TU-49 gives the same results).

So, the plate and screen voltages on the 6V6 oscillator are as they should be, so I will continue until something goes obviously wrong!

73,

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@...> wrote:
>
> Roger,
>
> Check the 807s and see what they look like. These come after the 6V6
> and 6L6.
>
> Bob - N0DGN
>
> On 7/25/2011 3:53 PM, Roger Basford wrote:
> >
> > Just a follow-up: the voltages are correct on the screen and plate of
> > the 6V6 Co/MO tube and the voltages are stable, so the VR tubes are
> > doing their job OK.
> >
> > Roger
> >
> > --- In T-368_BC-610@yahoogroups.com
> > <mailto:T-368_BC-610%40yahoogroups.com>, "Roger Basford" <Roger@>
> > wrote:
> > >
> > > Hi All,
> > >
> > > Whilst running up my collection of TU tuning units I noticed that
> > when the TU-49 (for 80 metres) is in the rack the three voltage

> > regulator tubes seem a lot dimmer than when I have a TU in for Top
> > Band or 40 metres.
> > >
> > > This looks to be related to the load on the exciter power supply, as
> > if I remove the crystal from the TU-49 the VRs come up to full glow,
> > and switching to MO dims them again. The same happens if I tune the
> > two stages on the TU to off-resonance. The VRs are not totally dimmed
> > out on the TU-49, they are just markedly dimmer than the other TUs. A
> > spare TU-49 gives the same result - as does swapping TU slots. There's
> > no obvious overheating or nasty smells coming from the exciter deck
> > and meter readings seem about normal.
> > >
> > > My question is, is this a possible fault condition or is it
> > something that others have noticed? I am running the BC-610-E from a
> > 230 to 110V step-down transformer and our domestic supply is 50Hz in
> > the UK. Given that, this could just a be low exciter B+ issue. Where
> > on the exciter would be the best point to take a voltmeter reading
> > from? I am in the process of making up an octal tube extender to allow
> > V & R measurements with the CO and BA tubes in situ.
> > >
> > > 73
> > >
> > > Roger/G3VKM - Norfolk, England.
> > >
> >
> >
>
> --
> +--------------------------------------------------------------------+
> | AM Amateur Radio Operator NØDGN |
> +--------------------------------------------------------------------+
> | http://home.comcast.net/~rbethman/ |
> +--------------------------------------------------------------------+
> | Bob Bethman \\\|/// " The absence of a danger |
> | \\ ~ ~ // signal does *NOT* mean |
> | rbethman@... (/ @ @ /) that everything is OK " |
> +----------------------o00o---°(_)°---o00o-------------------------+
>
>
>
> [Non-text portions of this message have been removed]
>

# 4618. net

Yahoo group: T-368_BC-610
Date: 2011-07-31 10:39:58 UTC
From: Alan Morriss
Topic: 4618  Message: 4618

hello guys, our am net went well. i was controlling from the truck, and received excellent reports from as far as holland. this was using the 40 ft wire matched with the BC939. this morning the BC610 was used on our cw net, and had good reports especially regarding the keying. again had good report from holland.
i really love operating the SCR399 on CW . it is so easy and convenient . alan G4GEN

[Non-text portions of this message have been removed]

# 4619. help !

Yahoo group: T-368_BC-610
Date: 2011-08-09 20:03:33 UTC
From: Alan Morriss
Topic: 4215  Message: 4619

Hello guys , i have had a go at repairing the PA RF choke in the BC610 , and to say that it is a pathetic effort is being charitable. it is just not possible to do a proper job without a machine. does anyone have one ? alan G4GEN

[Non-text portions of this message have been removed]

# 4620. Re: [T-368_BC-610] help !

Yahoo group: T-368_BC-610
Date: 2011-08-09 20:21:58 UTC
From: mac
Topic: 4215  Message: 4620

Shouldn't be too had to find a replacement, 2.5 mh @ 500ma RF choke
(from TM-11 280). Looks like a Hammarlund CH-500. Johnson 752 should
be OK too, ditto National R-152 or R-154.

Dennis D. W7QHO
Glendale, CA

**********
On Aug 9, 2011, at 1:03 PM, Alan Morriss wrote:

> Hello guys , i have had a go at repairing the PA RF choke in the
> BC610 , and to say that it is a pathetic effort is being charitable.
> it is just not possible to do a proper job without a machine. does
> anyone have one ? alan G4GEN
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

# 4621. Re: [T-368_BC-610] help !

Yahoo group: T-368_BC-610
Date: 2011-08-09 20:34:42 UTC
From: Alan Morriss
Topic: 4215  Message: 4621

thanks dennis, however i may have trouble finding any of these over here.
would they be the correct length to fit the bracket ? alan
----- Original Message -----
From: "mac" <w7qho@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Tuesday, August 09, 2011 9:21 PM
Subject: Re: [T-368_BC-610] help !

> Shouldn't be too had to find a replacement, 2.5 mh @ 500ma RF choke
> (from TM-11 280). Looks like a Hammarlund CH-500. Johnson 752 should
> be OK too, ditto National R-152 or R-154.
>
> Dennis D. W7QHO
> Glendale, CA
>
> ***************
> On Aug 9, 2011, at 1:03 PM, Alan Morriss wrote:
>
>> Hello guys , i have had a go at repairing the PA RF choke in the
>> BC610 , and to say that it is a pathetic effort is being charitable.
>> it is just not possible to do a proper job without a machine. does
>> anyone have one ? alan G4GEN
>>
>> [Non-text portions of this message have been removed]
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>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 4622. thanks

Yahoo group: T-368_BC-610
Date: 2011-08-10 07:33:46 UTC
From: Alan Morriss
Topic: 4220  Message: 4622

hello guys, thanks for the terriffic responses. i will send it to max for rewind if possible, as it would be nice to keep the original. i am a bit lost without the BC610 ! cheers, alan

[Non-text portions of this message have been removed]

# 4623. choke

Yahoo group: T-368_BC-610
Date: 2011-08-10 10:17:59 UTC
From: Alan Morriss
Topic: 4623  Message: 4623

hello guys, when i unwound the choke, i think i found the cause of the failure. the actual mechanism must have been series resonance , but the inductance must have been chosen for it to fall outside the frequency range of the BC610. however in this one there was a winding fault . the choke is in four sections, the two outers being thinner than the inners. the winding of one of the inners at the bottom overlapped into the other , so it was in effect one winding for about half of the thickness.
i suppose these things happen in wartime. it was much worse for the germans with their use of slave labour. a german pilot told me about some . hitler decided to have the me 109 to be fitted out as a fighter/bomber. when the great day for the demonstration arrived all the top brass were watching. the aircraft dived , dropped the bomb and pulled up . at this point both wings folded upwards . on examination of the wreckage they found that half the wing bolts had been made of lead. it had been built in the nord factory near paris. he also told me about when he had been shot down over the mediterranean south of marseilles . a focke wulf condor appeared and he tried to fire a flare from his very pistol. he tried furiously, and nothing happened. the aircraft flew on . on examination , the hole for the firing pin was a tiny bit smaller than the pin itself. he drifted ashore two days later. they also used to pee on the gyros for the v2 rockets. this was initially undetectable , but rapidly produced corrosion. the results were somewhat interesting at launch time , and the germans never found out . i must point out that despite being on the receiving end of some of it , i am a great admirer of german ww2 technology . my most treasured posession is a teelefunken e52 a made in 1943. alan G4GEN

[Non-text portions of this message have been removed]

# 4624. Re: [T-368_BC-610] choke

Yahoo group: T-368_BC-610
Date: 2011-08-10 23:29:45 UTC
From: Joe Foley
Topic: 4623  Message: 4624

Thank you for the colorful, detailed history, Alan.

Could only come from someone who was there.

Joe

--- On Wed, 8/10/11, Alan Morriss <mohawk@clara.co.uk> wrote:

From: Alan Morriss <mohawk@...>
Subject: [T-368_BC-610] choke
To: T-368_BC-610@yahoogroups.com
Date: Wednesday, August 10, 2011, 6:17 AM

hello guys, when i unwound the choke, i think i found the cause of the failure. the actual mechanism must have been series resonance , but the inductance must have been chosen for it to fall outside the frequency range of the BC610. however in this one there was a winding fault . the choke is in four sections, the two outers being thinner than the inners. the winding of one of the inners at the bottom overlapped into the other , so it was in effect one winding for about half of the thickness.

i suppose these things happen in wartime. it was much worse for the germans with their use of slave labour. a german pilot told me about some . hitler decided to have the me 109 to be fitted out as a fighter/bomber. when the great day for the demonstration arrived all the top brass were watching. the aircraft dived , dropped the bomb and pulled up . at this point both wings folded upwards . on examination of the wreckage they found that half the wing bolts had been made of lead. it had been built in the nord factory near paris. he also told me about when he had been shot down over the mediterranean south of marseilles . a focke wulf condor appeared and he tried to fire a flare from his very pistol. he tried furiously, and nothing happened. the aircraft flew on . on examination , the hole for the firing pin was a tiny bit smaller than the pin itself. he drifted ashore two days later. they also used to pee on the gyros for the v2 rockets. this was
initially undetectable , but rapidly produced corrosion. the results were somewhat interesting at launch time , and the germans never found out . i must point out that despite being on the receiving end of some of it , i am a great admirer of german ww2 technology . my most treasured posession is a teelefunken e52 a made in 1943. alan G4GEN

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4625. photo

Yahoo group: T-368_BC-610
Date: 2011-08-11 08:13:26 UTC
From: Alan Morriss
Topic: 4625  Message: 4625

hello guys, seeing the interest in ww2 things, i have posted a photo. it is of how i wound up in germany a good few years ago . the aircraft is now in the auto technic museum at sinnsheim. alan

[Non-text portions of this message have been removed]

# 4626. Circuit Breaker Help.

Yahoo group: T-368_BC-610
Date: 2011-08-12 19:31:44 UTC
From: mac
Topic: 4626  Message: 4626

We are restoring a BC-669D (SCR-543D) Radio at the Ft. MacArthur Museum in San Pedro, CA. and are in need of one (or more) Klixon C-6363, 4 amp AC circuit breakers. Three of these units are used in the PE-110D power supply for the unit and the bakelite handle on one of the breakers in our PS is broken off. Earlier PE-110s ( A, B & C) used fuses but ERL switched to the use of breakers in their later SCR-543 models (or at least in the PE-110 we have).

Pix available on request.

Any and all help much appreciated.

Dennis D. W7QHO
Glendale, CA

# 4627. Re: [T-368_BC-610] Circuit Breaker Help.

Yahoo group: T-368_BC-610
Date: 2011-08-12 23:38:30 UTC
From: Joe Foley
Topic: 4626  Message: 4627

Hi, Dennis,

Don't be surprised if that breaker size was standardized, others may fit in the same place.

Joe

--- On Fri, 8/12/11, mac <w7qho@...> wrote:

From: mac <w7qho@...>
Subject: [T-368_BC-610] Circuit Breaker Help.
To: "Boat Anchors List" <boatanchors@mailman.qth.net>, "milsurplus List" <milsurplus@...>, "ARC-5 Mail List" <arc5@...>, T-368_BC-610@yahoogroups.com, glowbugradio@yahoogroups.com, "hallicrafters Hallicrafters" <hallicrafters@...>
Date: Friday, August 12, 2011, 3:31 PM

We are restoring a BC-669D (SCR-543D) Radio at the Ft. MacArthur Museum in San Pedro, CA. and are in need of one (or more) Klixon C-6363, 4 amp AC circuit breakers. Three of these units are used in the PE-110D power supply for the unit and the bakelite handle on one of the breakers in our PS is broken off. Earlier PE-110s ( A, B & C) used fuses but ERL switched to the use of breakers in their later SCR-543 models (or at least in the PE-110 we have).

Pix available on request.

Any and all help much appreciated.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 4628. FS: 455-457 kHz crystals etc.

Yahoo group: T-368_BC-610
Date: 2011-09-02 14:52:58 UTC
From: Bry Carling
Topic: 4628  Message: 4628

FOR SALE:

As used in the BC-684 military transmitter.

These are the closest you can get to 455 kHz in FT241 crystals and great for making i.f. filters, BFOs etc.

Quantity 7 - Channel 327 - 32.7 MHz / 454 to 455 kHz crystals, Type FT241,
and also Quantity 1 - Channel 329 - 32.9 MHz / 457 kHz

Will only sell these all as a group (all 8) for $22.00 plus shipping

ALSO:

FT243 Crystal on 2000 kHz - $14.00
FT243 Crystal on 5000 kHz - $14.00

hc13/u frequency standard (like tall hc6u metal can crystals) - $19.00 each

QTY 10 - 1843 kHz crystals - type hc33/u with wire leads (like hc6u) - $2.00 each
QTY 12 - 3742 kHz crystals, type hc6/u metal can, thin pins. - $2.00 each

Shipping additional.

Thanks for looking - Bry, AF4K

= = =
More crystals at:
http://www.af4k.com/crystals.htm

FT241 History:
http://www.ieee-uffc.org/main/history.asp?file=bottom#_Hlk390358114

[Non-text portions of this message have been removed]

# 4629. 866 vs 3B28 in BC-610

Yahoo group: T-368_BC-610
Date: 2011-09-04 16:00:57 UTC
From: Roger Basford
Topic: 4629  Message: 4629

Hi All,

Is there any advantage in using the 3B28 xenon rectifier over the 866A? How about forward resistance, is it less - if so you should get more volts out? How about watm-up time?

One of the 866s in my TX has a loose base and, rather than just change it for a spare, I thought this might be an opportunity to try a pair of 3B28s I picked up at a hamfest earlier this year.

Looking at the manual, the 3B28 is shown as a direct replacement for the 866A.

Any info appreciated.

Roger/G3VKM Norfolk, England.

# 4630. Re: [T-368_BC-610] 866 vs 3B28 in BC-610

Yahoo group: T-368_BC-610
Date: 2011-09-04 16:15:16 UTC
From: wa5cab@cs.com
Topic: 4629  Message: 4630

Roger,

The differences in forward voltage drop are insignificant in the BC-610.
The only advantage I can recall is that 3B28's are less prone to flash-over
from insufficient warmup time at low temperatures. Which can be a
significant advantage (but not in South Texas this summer!).

In a message dated 09/04/2011 11:01:00 AM Central Daylight Time,
Roger@... writes:
> Hi All,
>
> Is there any advantage in using the 3B28 xenon rectifier over the 866A?
> How about forward resistance, is it less - if so you should get more volts
> out? How about watm-up time?
>
> One of the 866s in my TX has a loose base and, rather than just change it
> for a spare, I thought this might be an opportunity to try a pair of 3B28s
> I picked up at a hamfest earlier this year.
>
> Looking at the manual, the 3B28 is shown as a direct replacement for the
> 866A.
>
> Any info appreciated.
>
>
> Roger/G3VKM Norfolk, England.
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4631. Re: [T-368_BC-610] 866 vs 3B28 in BC-610

Yahoo group: T-368_BC-610
Date: 2011-09-04 16:17:39 UTC
From: rbethman
Topic: 4629  Message: 4631

Roger,

That specific "change" was made by the U.S. Army Signal Corps. They went directly from 866s to 3B28s. It is in the Change history of these old girls. ALL the later models came out direct from factory with the 3B28s.

You can swap out the 866s and have fun! No other changes necessary.

Probably run a little cooler, and no delay in going to full power. Xenon gas totally different response than heating mercury to vapor state before applying HV.

Bob - N0DGN

On 9/4/2011 12:00 PM, Roger Basford wrote:
>
> Hi All,
>
> Is there any advantage in using the 3B28 xenon rectifier over the
> 866A? How about forward resistance, is it less - if so you should get
> more volts out? How about watm-up time?
>
> One of the 866s in my TX has a loose base and, rather than just change
> it for a spare, I thought this might be an opportunity to try a pair
> of 3B28s I picked up at a hamfest earlier this year.
>
> Looking at the manual, the 3B28 is shown as a direct replacement for
> the 866A.
>
> Any info appreciated.
>
> Roger/G3VKM Norfolk, England.
>

[Non-text portions of this message have been removed]

# 4632. Re: [T-368_BC-610] 866 vs 3B28 in BC-610

Yahoo group: T-368_BC-610
Date: 2011-09-04 16:23:56 UTC
From: Todd, KA1KAQ
Topic: 4629  Message: 4632

They are indeed a drop in replacement. I use them for all my rigs that use 866s. Have had excellent results with the 4B32 replacement for the 872, same principal. Flash over issues are gone, fewer fuses blown, and so on. They have more of a violet glow vs. the blue of the 866s, and they sure make life a lot easier with these old rigs.

~ Todd, KA1KAQ/4

On Sun, Sep 4, 2011 at 12:00 PM, Roger Basford <Roger@...> wrote:

> **
>
>
> Hi All,
>
> Is there any advantage in using the 3B28 xenon rectifier over the 866A? How
> about forward resistance, is it less - if so you should get more volts out?
> How about watm-up time?
>
> One of the 866s in my TX has a loose base and, rather than just change it
> for a spare, I thought this might be an opportunity to try a pair of 3B28s I
> picked up at a hamfest earlier this year.
>
> Looking at the manual, the 3B28 is shown as a direct replacement for the
> 866A.
>
>

[Non-text portions of this message have been removed]

# 4633. Re: 866 vs 3B28 in BC-610

Yahoo group: T-368_BC-610
Date: 2011-09-04 16:35:48 UTC
From: Roger Basford
Topic: 4629  Message: 4633

Hi All,

Thanks for the swift responses! I have gone ahead and swapped to the 3B28s and all is fine, although the antenna (shorting) relay which has been buzzing rather badly over the past few months seems to have finally given up the ghost, maybe it doesn't like this 50Hz AC we use over here :-))

Anyway, with the relay jammed open, the rig produces full power and the overload trips off-resonance without any nasty noises or smoke. I will try a soak-test once I've fixed the relay. Pleased with the 3B28s, as I only paid 1 GB pound each for them and they were NIB.

Thanks again,

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Todd, KA1KAQ" <ka1kaq@...> wrote:
>
> They are indeed a drop in replacement. I use them for all my rigs that use
> 866s. Have had excellent results with the 4B32 replacement for the 872, same
> principal. Flash over issues are gone, fewer fuses blown, and so on. They
> have more of a violet glow vs. the blue of the 866s, and they sure make life
> a lot easier with these old rigs.
>
> ~ Todd, KA1KAQ/4
>
> On Sun, Sep 4, 2011 at 12:00 PM, Roger Basford <Roger@...> wrote:
>
> > **
> > >
> > >
> > > Hi All,
> > >
> > > Is there any advantage in using the 3B28 xenon rectifier over the 866A? How
> > > about forward resistance, is it less - if so you should get more volts out?
> > > How about watm-up time?
> > >
> > > One of the 866s in my TX has a loose base and, rather than just change it
> > > for a spare, I thought this might be an opportunity to try a pair of 3B28s I
> > > picked up at a hamfest earlier this year.
> > >
> > > Looking at the manual, the 3B28 is shown as a direct replacement for the
> > > 866A.
> > >
> > >
>
>

> [Non-text portions of this message have been removed]
>

# 4634. Re: [T-368_BC-610] Re: 866 vs 3B28 in BC-610

Yahoo group: T-368_BC-610
Date: 2011-09-04 16:40:40 UTC
From: rbethman
Topic: 4629  Message: 4634

Roger - They are usually cheaper and more plentiful too!

I purchased spares, and have yet to use a single one.

Bob - N0DGN

On 9/4/2011 12:35 PM, Roger Basford wrote:
>
> Hi All,
>
> Thanks for the swift responses! I have gone ahead and swapped to the
> 3B28s and all is fine, although the antenna (shorting) relay which has
> been buzzing rather badly over the past few months seems to have
> finally given up the ghost, maybe it doesn't like this 50Hz AC we use
> over here :-))
>
> Anyway, with the relay jammed open, the rig produces full power and
> the overload trips off-resonance without any nasty noises or smoke. I
> will try a soak-test once I've fixed the relay. Pleased with the
> 3B28s, as I only paid 1 GB pound each for them and they were NIB.
>
> Thanks again,
>
> Roger/G3VKM
>

[Non-text portions of this message have been removed]

# 4635. Antenna shorting relay

Yahoo group: T-368_BC-610
Date: 2011-09-04 17:02:30 UTC
From: rbethman
Topic: 4635  Message: 4635

Roger,

The antenna shorting relay is most likely another one of those "old" wiring harness issues. A royal PIA to sort through, but would most likely benefit from tracing it through and rewiring or reworking the terminal boards.

Blocked open as you have done, shouldn't be an issue. There really ins't much to be considered with, as the "residual" RF should die off rapidly when un-keyed.

Bob - N0DGN

# 4636. rectifiers

Yahoo group: T-368_BC-610
Date: 2011-09-04 17:27:50 UTC
From: Alan Morriss
Topic: 4636  Message: 4636

hello guys, i am using the solid state replacements which i got from roger instead of the tube rectifiers . would i be better with the xenons ? alan G4GEN

[Non-text portions of this message have been removed]

# 4637. Re: [T-368_BC-610] rectifiers

Yahoo group: T-368_BC-610
Date: 2011-09-04 17:57:43 UTC
From: rbethman
Topic: 4636  Message: 4637

Alan,

That really would depend on what voltages you are seeing.

If the voltages are higher, I'd consider using the 3B28 solution, simply because of the age of the power transformer and other transformers in use. You don't want one to get fried. They really aren't an on-the-shelf item.

Bob - N0DGN

On 9/4/2011 1:27 PM, Alan Morriss wrote:
>
> hello guys, i am using the solid state replacements which i got from
> roger instead of the tube rectifiers . would i be better with the
> xenons ? alan G4GEN
>

[Non-text portions of this message have been removed]

# 4638. RELAY

Yahoo group: T-368_BC-610
Date: 2011-09-04 18:02:34 UTC
From: Alan Morriss
Topic: 4638  Message: 4638

hello roger, as i understand it the purpose of the antenna shorting relay is to prevent radiated rf noise interfering with reception as the antennas are so close together on the truck . i do not suppose it does anything in a set up like yours. i used the supply to operate a johnson kilowatt matchbox . it worked very well. alan

[Non-text portions of this message have been removed]

# 4639. Re: Antenna shorting relay

Yahoo group: T-368_BC-610
Date: 2011-09-04 21:18:46 UTC
From: Roger Basford
Topic: 4635  Message: 4639

Hi Bob,

I think you're right; I have checked the continuity through the relay coil and the wiring back to the main HV relay on the modulator deck and they are OK. I should say that I have had the exciter deck off the rig this weekend to sort out a bad connection on the driver tube base and I may have disturbed the relay wiring, I will check tomorrow. I had some of the wires drop off the PL1 Jones plug, old age again and some of the other wiring is getting "crispy" insulation!

When I first got the TX up and running back in 2007, there was a considerable amount of noise generated in the RX with the TX on but I found that the RY4 shorting relay had dirty contacts and cleaning them cured the noise, so I will spend the time to get it working again. Believe that I have a used spare if there is a problem with the existing one.

Thanks for all the assistance, much appreciated.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@...> wrote:
>
> Roger,
>
> The antenna shorting relay is most likely another one of those "old"
> wiring harness issues. A royal PIA to sort through, but would most
> likely benefit from tracing it through and rewiring or reworking the
> terminal boards.
>
> Blocked open as you have done, shouldn't be an issue. There really
> ins't much to be considered with, as the "residual" RF should die off
> rapidly when un-keyed.
>
> Bob - N0DGN
>

# 4640. Re: RELAY

Yahoo group: T-368_BC-610
Date: 2011-09-04 21:23:11 UTC
From: Roger Basford
Topic: 4638  Message: 4640

Hi Alan,

I did have an issue with that relay when I first got the '610 going and see from my project book that noise was a problem at that time and that it came down to dirty relay contacts, so it's worth getting the system going again, I feel. I tend to use an active loop on receive, via a ex-USN distribution amplifier, and that set-up is quite sensitive to TX generated noise.

73

Roger

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello roger, as i understand it the purpose of the antenna shorting relay is to prevent radiated rf noise interfering with reception as the antennas are so close together on the truck . i do not suppose it does anything in a set up like yours. i used the supply to operate a johnson kilowatt matchbox . it worked very well. alan
>
> [Non-text portions of this message have been removed]
>

# 4641. FS: Enamel covered copper wire

Yahoo group: T-368_BC-610
Date: 2011-09-09 20:06:29 UTC
From: Bry Carling
Topic: 4641  Message: 4641

FOR SALE: Spool of new old stock enamel covered copper wire, excellent condition.

This appears to be pretty old but looks new. Seems to be 20 or 22 awg wire. No micrometer.

Marked "B.D. Land, New York" on the end of spool. Alkso marked: "Dudlo Manufacturing, Ft. Wayne, IN" under the labels. Great for making coils, rewinding transformers and chokes etc.

Spool is about 4.5" tall X 4.5" diameter. Weighs almost 4 lbs. and seems to be a huge roll with many hundreds, if not thousands of feet of wire.

One spool only - available for $20.00 plus shipping.
(or will trade for large quantity of unwanted FT243 crystals)

Thanks for looking and 73 de AF4K, Bry

http://www.af4k.com/crystals.htm

[Non-text portions of this message have been removed]

# 4642. FS: Antenna Selector Switch

Yahoo group: T-368_BC-610
Date: 2011-09-09 20:15:56 UTC
From: Bry Carling
Topic: 4642  Message: 4642

FOR SALE: Antenna Selector Switch

Phasing switch used for selecting XMTR - AUX - HORIZONTAL - VERTICAL
Has four SO-239 connectors. Perhaps used with a Moonraker or similar
antenna. $5.00 plus shipping

[Non-text portions of this message have been removed]

# 4643. FS: More Transformers

Yahoo group: T-368_BC-610
Date: 2011-09-10 17:20:21 UTC
From: Bry Carling
Topic: 4643  Message: 4643

FOR SALE: More Transformers

Combine to save on shipping...

1) Primary 120V AC - SEC: 24V at 12 Amps - $48.00 each

2) Variac - Powerstat USA PRI - 120V AC / SEC 0 - 132V at 2.25A - $65.00 (QTY 2)

3) Primary 120V AC / SEC 18V CT at 4A and/or 36V CT at 2A - $18.00

4) Primary 115V / SEC 14V at 3.5 A - $24.00

5) Primary 120V / SEC 36V at 3 A - $15.00 (QTY 4)

6) Primary 115V / SEC 28V CT at 5A - $30.00

7) Primary 115V / SEC 27V CT at 8A - $42.00

8) Primary 115V / SEC 36V at 5A - $30.00

9) Primary 115V / SEC 36V at 8A - $42.00

10) Primary 120V / SEC 8V at 9A - $38.00 (QTY 4)

11) Primary 120V / SEC 10V CT at 3A - $15.00

12) Variable transformer with 240V AC Primary / SEC 0 - 280V at 4.5A - $100.00

More transformers to list shortly...

73 & thanks for looking - Bry, AF4K

[Non-text portions of this message have been removed]

# 4644. "Packard"

Yahoo group: T-368_BC-610
Date: 2011-09-11 14:59:35 UTC
From: Roger Basford
Topic: 4644  Message: 4644

Hi All,

Can anyone tell me what "Packard" means when applied to a Signal Corps wiring diagram?

73

Roger/G3VKM

# 4645. Re: [T-368_BC-610] "Packard"

Yahoo group: T-368_BC-610
Date: 2011-09-11 15:21:12 UTC
From: rbethman
Topic: 4644  Message: 4645

Roger,

The only possible "reference" that I can imagine would be the vehicle manufacturing company.

The initial batch of the BC-610s and equipment went into a "Panel Van" or truck, VERY tightly packed, with a trailer towing the generator package.

Most likely Packard had gotten a piece of the contract.

That would mean that "some" of the wiring diagrams would inherently include the vehicle when needed to be included into the drawings.

Hope this makes sense!

Bob - N0DGN

On 9/11/2011 10:59 AM, Roger Basford wrote:
>
> Hi All,
>
> Can anyone tell me what "Packard" means when applied to a Signal Corps
> wiring diagram?
>
> 73
>
> Roger/G3VKM
>

[Non-text portions of this message have been removed]

# 4646. Re: [T-368_BC-610] "Packard"

Yahoo group: T-368_BC-610
Date: 2011-09-11 15:23:50 UTC
From: ROLYNN PRECHTL K7DFW
Topic: 4644  Message: 4646

> Can anyone tell me what "Packard" means when applied to a Signal Corps
wiring diagram?

==========

Roger,

They probably refer to Packard wire. It had a braided outer cover.

K7DFW

..._._

# 4647. Re: "Packard"

Yahoo group: T-368_BC-610
Date: 2011-09-11 15:36:34 UTC
From: Roger Basford
Topic: 4644  Message: 4647

Hi Rolynn,

Thanks! That seems to be right as "Packard" is shown along with colour-codes for other wires. Basically, unjacketed coax I suppose?

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "ROLYNN PRECHTL K7DFW" <k7dfw@...> wrote:
>
> > Can anyone tell me what "Packard" means when applied to a Signal Corps
> wiring diagram?
>
> ==========
>
> Roger,
>
> They probably refer to Packard wire. It had a braided outer cover.
>
>
> K7DFW
>
>
> ..._._
>

# 4648. Re: [T-368_BC-610] "Packard"

Yahoo group: T-368_BC-610
Date: 2011-09-11 15:56:35 UTC
From: rbethman
Topic: 4644  Message: 4648

That makes even more sense.

I'm just not old enough to know about that "naming".

I've only come across old telephone wiring in the DoE building in Germantown, MD. The conductors were as though someone took round copper wire, and squeezed it into elliptical bands.

They drove us nuts until we began a re-wiring with CAT 5 cable. They wanted to "begin" their "Digital Age".

The old junk would crosstalk a storm when a digital signal was applied.

Bob - N0DGN

On 9/11/2011 11:23 AM, ROLYNN PRECHTL K7DFW wrote:
>
> > Can anyone tell me what "Packard" means when applied to a Signal Corps
> wiring diagram?
>
> ==========
>
> Roger,
>
> They probably refer to Packard wire. It had a braided outer cover.
>
> K7DFW
>
> ..._._
>

[Non-text portions of this message have been removed]

# 4649. Re: [T-368_BC-610] "Packard"

Yahoo group: T-368_BC-610
Date: 2011-09-11 16:28:23 UTC
From: ROLYNN PRECHTL K7DFW
Topic: 4644  Message: 4649

Packard wire.

The company is now Delphi Packard Electric.

Packard Electric became a division of General Motors Corporation in 1932 and
is known today as Delphi Packard Electric Systems.

http://packardmuseum.org/ed1.aspx

Darn interesting.

Rolynn K7DFW

# 4650. WOW!!

Yahoo group: T-368_BC-610
Date: 2011-09-12 08:27:57 UTC
From: Roger Basford
Topic: 4650  Message: 4650

Usual place, item number 310344625830

Roger/G3VKM

# 4651. 5 Mc coils?

Yahoo group: T-368_BC-610
Date: 2011-09-12 10:20:11 UTC
From: Roger Basford
Topic: 4651  Message: 4651

Hi All,

I have several PA coils for the BC-610-E covering from 2 to 18 Mc. Yesterday, I was looking through the coils with a view to trying CW on our 5MHz channels, as I have a crystal for 5400kc. I noticed that there are two coils which appear to be physically identical and which have the same number of turns on main and link windings but are marked as for different ranges.

These are:-

51C540 C-398-A 4.5 - 5.7 Mc 24 turns, 2 turn link, no makers info.

51C541 G29163 C-390-A 5.7 - 8.0 Mc 24 turns, 2 turn link, made by B & W.

Now, I tested both coils in the transmitter and found that the C-398-A has the dreaded "perspex-rot" and will need a section of fresh insulation adding under the link, a temporary repair was done. The B & W C-390-A is fine and appears unused.

They both "dip" at exactly the same point on the PA tuning on 5400kc and so I'm wondering why there should be two identical coils for two ranges, instead of just one coil for the range 4.7 - 8.0 Mc?

73

Roger/G3VKM - Norfolk, England

# 4652. Re: [T-368_BC-610] WOW!!

Yahoo group: T-368_BC-610
Date: 2011-09-12 14:27:33 UTC
From: rbethman
Topic: 4650  Message: 4652

Roger,

Can anyone simply say RUN?

If that BC-610 has "no rust", then I've been mislead for my 61 years of existence!

Bob - N0DGN

On 9/12/2011 4:27 AM, Roger Basford wrote:
>
> Usual place, item number 310344625830
>
> Roger/G3VKM
>

[Non-text portions of this message have been removed]

# 4653. Re: [T-368_BC-610] 5 Mc coils?

Yahoo group: T-368_BC-610
Date: 2011-09-12 14:32:00 UTC
From: rbethman
Topic: 4651  Message: 4653

Roger,

I've accumulated a lot of the PA coils. Usually they do not overlap.

Having said that, the U.S. military also had manufactured a whole bunch of "other" PA coils and Tuning Units. Some were meant for the AM Broadcast band, and even some perhaps lower.

I wouldn't even try to guess as to the "why" and "what" that all of these were meant for.

Bob - N0DGN

On 9/12/2011 6:20 AM, Roger Basford wrote:
>
> Hi All,
>
> I have several PA coils for the BC-610-E covering from 2 to 18 Mc.
> Yesterday, I was looking through the coils with a view to trying CW on
> our 5MHz channels, as I have a crystal for 5400kc. I noticed that
> there are two coils which appear to be physically identical and which
> have the same number of turns on main and link windings but are marked
> as for different ranges.
>
> These are:-
>
> 51C540 C-398-A 4.5 - 5.7 Mc 24 turns, 2 turn link, no makers info.
>
> 51C541 G29163 C-390-A 5.7 - 8.0 Mc 24 turns, 2 turn link, made by B & W.
>
> Now, I tested both coils in the transmitter and found that the C-398-A
> has the dreaded "perspex-rot" and will need a section of fresh
> insulation adding under the link, a temporary repair was done. The B &
> W C-390-A is fine and appears unused.
>
> They both "dip" at exactly the same point on the PA tuning on 5400kc
> and so I'm wondering why there should be two identical coils for two
> ranges, instead of just one coil for the range 4.7 - 8.0 Mc?
>
> 73
>
> Roger/G3VKM - Norfolk, England
>

[Non-text portions of this message have been removed]

# 4654. Re: WOW!!

Yahoo group: T-368_BC-610
Date: 2011-09-12 14:58:38 UTC
From: Roger Basford
Topic: 4650  Message: 4654

Bob,

I'd love to have a pick-over of that pile but he'd have to move the decimal point two places to the left! Yes, as rusty '610s go, that is a beauty, could be pristine inside - but I doubt it!

Perhaps he can use the money he gets to buy a keyboard with a full stop and a non-jammed caps lock too.

73

Roger

--- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@...> wrote:
>
> Roger,
>
> Can anyone simply say RUN?
>
> If that BC-610 has "no rust", then I've been mislead for my 61 years of
> existence!
>
> Bob - N0DGN
>
> On 9/12/2011 4:27 AM, Roger Basford wrote:
> >
> > Usual place, item number 310344625830
> >
> > Roger/G3VKM
> >
>
>
> [Non-text portions of this message have been removed]
>

# 4655. Re: 5 Mc coils?

Yahoo group: T-368_BC-610
Date: 2011-09-12 15:01:26 UTC
From: Roger Basford
Topic: 4651  Message: 4655

Hi Bob,

When I get a moment, I will try those coils at each end of their labeled ranges to see if they do cover the same bands. The other thing that occurs to me is that maybe one of them has been made up out of parts from other coils.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@...> wrote:
>
> Roger,
>
> I've accumulated a lot of the PA coils. Usually they do not overlap.
>
> Having said that, the U.S. military also had manufactured a whole bunch
> of "other" PA coils and Tuning Units. Some were meant for the AM
> Broadcast band, and even some perhaps lower.
>
> I wouldn't even try to guess as to the "why" and "what" that all of
> these were meant for.
>
> Bob - N0DGN
>
> On 9/12/2011 6:20 AM, Roger Basford wrote:
> >
> > Hi All,
> >
> > I have several PA coils for the BC-610-E covering from 2 to 18 Mc.
> > Yesterday, I was looking through the coils with a view to trying CW on
> > our 5MHz channels, as I have a crystal for 5400kc. I noticed that
> > there are two coils which appear to be physically identical and which
> > have the same number of turns on main and link windings but are marked
> > as for different ranges.
> >
> > These are:-
> >
> > 51C540 C-398-A 4.5 - 5.7 Mc 24 turns, 2 turn link, no makers info.
> >
> > 51C541 G29163 C-390-A 5.7 - 8.0 Mc 24 turns, 2 turn link, made by B & W.
> >
> > Now, I tested both coils in the transmitter and found that the C-398-A
> > has the dreaded "perspex-rot" and will need a section of fresh
> > insulation adding under the link, a temporary repair was done. The B &
> > W C-390-A is fine and appears unused.

> >
> > They both "dip" at exactly the same point on the PA tuning on 5400kc
> > and so I'm wondering why there should be two identical coils for two
> > ranges, instead of just one coil for the range 4.7 - 8.0 Mc?
> >
> > 73
> >
> > Roger/G3VKM - Norfolk, England
> >
>
>
> [Non-text portions of this message have been removed]
>

# 4656. Re: [T-368_BC-610] WOW!!

Yahoo group: T-368_BC-610
Date: 2011-09-12 20:43:53 UTC
From: roy wildermuth
Topic: 4650  Message: 4656

That stuff looks pretty rough.

I do not think he is going to get $25,000 for it. But, stranger things have happened. IF it does sell, no doubt it will rise from the ashes to sail on EBay again, albeit in smaller pieces. No Rust of course.

Roy W

[Non-text portions of this message have been removed]

# 4657. Re: [T-368_BC-610] WOW!!

Yahoo group: T-368_BC-610
Date: 2011-09-12 22:42:31 UTC
From: tvamfm@aol.com
Topic: 4650  Message: 4657

California? I doubt it unless it was stored at the bottom of the American River! I doubt even the scrap man would want any of that trash!

73,

John, W4AWM

[Non-text portions of this message have been removed]

# 4658. Re: WOW!!

Yahoo group: T-368_BC-610
Date: 2011-09-12 23:41:22 UTC
From: aa5it
Topic: 4650  Message: 4658

That price he's asking is just about what it would cost HIM for ME to haul that junk to the scrapyard! lol

--- In T-368_BC-610@yahoogroups.com, tvamfm@... wrote:
>
> California? I doubt it unless it was stored at the bottom of the American
> River! I doubt even the scrap man would want any of that trash!
>
> 73,
>
> John, W4AWM
>
> [Non-text portions of this message have been removed]
>

# 4659. Re: [Milsurplus] F/S BC-610-F

Yahoo group: T-368_BC-610
Date: 2011-09-12 23:58:12 UTC
From: Joe Foley
Topic: 4659  Message: 4659

From another list:

--- On Mon, 9/12/11, Ronnie <n1udi@...> wrote:

> From: Ronnie <n1udi@...>
> Subject: [Milsurplus] F/S BC-610-F
> To: Boatanchors@..., Milsurplus@...
> Date: Monday, September 12, 2011, 7:56 AM
> I have a BC-610-F for sale that was a
> project to be restored. This project was never completed and
> I don't think it will ever be.
> It is a BC-610-F by David Borgen,Inc. out of the Big
> Apple.
> Order # 10970-PH-4877 Ser#119.
> There two tubes MIA the pair of 5933's. I should have at
> lease one some wear. I might have an extra 100TH brand "X".
> Will have to look.
> All other tubes are there. HV vacume cap and clamps are
> also MIA.
> These Tuning units / Coils are with the transmitter.
> TU-47 2-2.5 Mc C-387-D 2-3.5 Mc
> TU-49 2-4 Mc C-388-C 3.5-4.5 Mc
> TU-50 4-5 Mc C-389-C 4.5-5.7 Mc
> TU-51 5-6.3 Mc C-390-C 5.7-8 Mc
> TU-52 6.3-8 Mc One coil unknow frq, Home Brew, small
> windings.
> TU-54 14-18 Mc
> $650 or best offer for the whole 9
> Rock N1UDI@...
> ------------------------------------------------------------
> Milsurplus mailing list
> Home: http://mailman.qth.net/mailman/listinfo/milsurplus
> Help: http://mailman.qth.net/mmfaq.htm
> Post: mailto:Milsurplus@...
>
> This list hosted by: http://www.qsl.net
> Please help support this email list: http://www.qsl.net/donate.html
>

# 4660. FS BC-614

Yahoo group: T-368_BC-610
Date: 2011-09-13 00:20:46 UTC
From: Geoff Edmonson
Topic: 4660  Message: 4660

E model.
Serial # 166
Order no 2232-phila-45-07
by General Transformer Corp. Chicago, Ill.

front panel is in 9 of 10 condition. a couple of minor (small) paint scruffs
schematis is attached to the bottom and in good shape. completely readable with penciled notes (light)

top of case seems to be the most scuffed up - probably from stuff stored on it.even has a dust-cap for the socket on the right side.

I've not opened it, but peering thru the slots, all tubes appear to be in place.

Pictures on request.

offering here first before it goes to e-pay.

make offer. add shipping from 77032

73 = Best Regards,
-Geoff/W5OMR

# 4661. Re: [T-368_BC-610] FS BC-614

Yahoo group: T-368_BC-610
Date: 2011-09-13 00:27:11 UTC
From: Geoff Edmonson
Topic: 4660  Message: 4661

no cables, btw.
I should add that while the top is the most scruffed, it's still mostly (90%) original black wrinkle finish paint.

--- On Mon, 9/12/11, Geoff Edmonson <w5omr@...> wrote:

> From: Geoff Edmonson <w5omr@att.net>
> Subject: [T-368_BC-610] FS BC-614
> To: T-368_BC-610@yahoogroups.com
> Date: Monday, September 12, 2011, 5:20 PM
> E model.
> Serial # 166
> Order no 2232-phila-45-07
> by General Transformer Corp. Chicago, Ill.
>
> front panel is in 9 of 10 condition. a couple of minor
> (small) paint scruffs
> schematis is attached to the bottom and in good
> shape.  completely readable with penciled notes
> (light)
>
> top of case seems to be the most scuffed up - probably from
> stuff stored on it.even has a dust-cap for the socket on the
> right side.
>
> I've not opened it, but peering thru the slots, all tubes
> appear to be in place.
>
> Pictures on request.
>
> offering here first before it goes to e-pay.
>
> make offer.  add shipping from 77032
>
> 73 = Best Regards,
> -Geoff/W5OMR
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>     T-368_BC-610-fullfeatured@yahoogroups.com

>
>
>

# 4662. BC-610-F F/S

Yahoo group: T-368_BC-610
Date: 2011-09-13 04:30:58 UTC
From: rostaman6723
Topic: 4662  Message: 4662

I have a BC-610-F for sale that was a project to be restored. This project was never completed and I don't think it will ever be.
It is a BC-610-F by David Borgen,Inc. out of the Big Apple.
Order # 10970-PH-4877 Ser#119.
There two tubes MIA the pair of 5933's. I should have at lease one some wear. I might have an extra 100TH brand "X". Will have to look.
All other tubes are there. HV vacume cap and clamps are also MIA.
These Tuning units / Coils are with the transmitter.
TU-47 2-2.5 Mc C-387-D 2-3.5 Mc
TU-49 2-4 Mc C-388-C 3.5-4.5 Mc
TU-50 4-5 Mc C-389-C 4.5-5.7 Mc
TU-51 5-6.3 Mc C-390-C 5.7-8 Mc
TU-52 6.3-8 Mc One coil unknow frq, Home Brew, small windings.
TU-54 14-18 Mc
$650 or best offer for the whole 9
Transmitter is located in Southern, Connecticut. Fifty miles Northeast of the Big Apple.
Jpg's per request.

Rock N1UDI@...

# 4663. Re: [T-368_BC-610] Re: WOW!!

Yahoo group: T-368_BC-610
Date: 2011-09-13 04:48:03 UTC
From: Ken Schwieker
Topic: 4650  Message: 4663

Maybe he just mixed up the selling price and his
crating fee listed in the description. Should be
$200 for the junk and $22K to pack.

I really like this line; "I AM SURE A GUY WHO
KNEW ABOUT THIS STUFF COULD REFURBISHED 4 OR 5
PIECES AND GET THE INVESTMENT VALUE BACK AND THE
REST WOULD BE FREE OR PROFIT. " Still trying to
figure out which 4 or 5 pieces he is referring to. lol

Ken S
K4KQR

At 06:41 PM 9/12/2011, you wrote:
>
>
>
>That price he's asking is just about what it
>would cost HIM for ME to haul that junk to the scrapyard! lol
>
>--- In
><mailto:T-368_BC-610%40yahoogroups.com>T-368_BC-610@yahoogroups.com,
>tvamfm@... wrote:
> >
> > California? I doubt it unless it was stored at the bottom of the American
> > River! I doubt even the scrap man would want any of that trash!
> >
> > 73,
> >
> > John, W4AWM
> >
> > [Non-text portions of this message have been removed]
> >
>
>

[Non-text portions of this message have been removed]

# 4664. Re: WOW!!

Yahoo group: T-368_BC-610
Date: 2011-09-13 14:22:21 UTC
From: steve_n8ye
Topic: 4650  Message: 4664

Not sound morbid, but hope I have some advanced notice when my time comes near. I have some good boatanchors plus a lot of junque to keep them in operation. I estimate that for every 100 lbs of good boatanchors, I have about 500 lbs of junque. I think I have It figured out, so the xyl won't be burdened. I'll have a yard sale and palletize a good boatanchor at an irresistible price along with a pile of parts. The buyer must buy the entire pallet. If not, the stuff will have to be bulldozed into a pit. I hope it all goes to a good home. I feel the population of hollow state connoisseurs might be diminishing.

# 4665. Re: [T-368_BC-610] Re: WOW!!

Yahoo group: T-368_BC-610
Date: 2011-09-13 15:16:46 UTC
From: Todd, KA1KAQ
Topic: 4650  Message: 4665

On Tue, Sep 13, 2011 at 10:22 AM, steve_n8ye <stevehobensack@...>wrote:

**
> I'll have a yard sale and palletize a good boatanchor at an
> irresistible price along with a pile of parts. The buyer must buy the entire
> pallet. If not, the stuff will have to be bulldozed into a pit. I hope it
> all goes to a good home. I feel the population of hollow state connoisseurs
> might be diminishing.
>

I just moved a couple loads from up north this past summer and left at least 1000 lbs behind for scrap. Mostly old test equipment, but also a homebrew 4-400 rack rig, HV power supply for a 813 rig and some WWII tower gear. Couldn't bring it all, and none of it was irreplaceable or even terribly desirable.

Part of the problem was that I fell into some similar deals as you're describing, Steve. I have an old friend who is a retired BC engineer who used to clear out his garage and barn from time to time. He'd set out a few things he knew I wanted, offer them to me for $25 or so, then say "but ya gotta take all that too" pointing at the pile. I fell for it a couple times, not a problem if you can deal with the other junk sooner instead of later. Otherwise it piles up on you. Living in a 19 room house with a 2 story carriage barn didn't help. It was great for a packrat, until it was time to move. Found stuff I didn't even know I had, along with a lot of stuff I thought was already gone. Now it is.

There is definitely not the demand following us that has followed previous generations. I turned 50 this year, and I'm considered one of the young guys. Was mentioning to the wife who is a school principal how kids today don't know what radio is. She advised me that many don't even know what a compact disc is. That really put things in perspective for me.

Been selling and giving stuff away for 5+ years now, still a lot to go to get down to just the stuff I want to keep and use. After I'm gone, I don't think I'll care much what happens to the rest.

~ Todd, KA1KAQ/4

[Non-text portions of this message have been removed]

# 4666. Re: [T-368_BC-610] FS BC-614

Yahoo group: T-368_BC-610
Date: 2011-09-15 01:42:37 UTC
From: Geoff Edmonson
Topic: 4660  Message: 4666

A few of you expressed interest in the BC-614-E and I've sent pictures.
To date, I've not gotten any reply.
I also don't get a good feeling when I send email with picture attachments from my smart-alec phone.

Those that wrote me, would you please at least acknowledge receipt of pictures, if you got 'em, or if you haven't, let me know that, too.

Thanks!

73 = Best Regards,
-Geoff/W5OMR

# 4667. Re: 5 Mc coils?

Yahoo group: T-368_BC-610
Date: 2011-09-15 11:47:41 UTC
From: Roger Basford
Topic: 4651  Message: 4667

Hi All,

Just a follow-up to this post. I tried various crystals in the range covered by the two coils mentioned and was able to get a "dip" in PA current at identical settings of the tuning capacitor on both coils. So it looks as though one coil is just incorrectly labeled.

Whilst I was testing I noticed that PA drive was intermittent and wisps of smoke were coming from the TU-50 that was plugged in. This isn't a TU I would normally ever use, as it covers 4 to 5 Mc, and I don't think I'd ever used it since I bought the TX.

On closer examination, I found that the knob used on the intermediate amplifier tuning capacitor has a brass insert that fills about 50% of the rear face of the knob. The smoke was from B+ occasionally arcing across to the front panel of the TU at three points from the insert and carbonising the plastic of the knob. A check of the circuit diagram confirms that the movable vanes of the capacitor are at B+ potential.

The knob can be slid out on the capacitor shaft so that there is a good air-gap between the insert and ground but I swapped the knob for another Hallicrafters type with a smaller insert.

Might be worth checking your TUs and making sure that the knobs have good clearance and that there are no burn tracks or cracking, either of which could make your eyes water!

73

Roger/G3VKM

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Roger Basford" <Roger@...> wrote:
>
> Hi All,
>
> I have several PA coils for the BC-610-E covering from 2 to 18 Mc. Yesterday, I was looking through the coils with a view to trying CW on our 5MHz channels, as I have a crystal for 5400kc. I noticed that there are two coils which appear to be physically identical and which have the same number of turns on main and link windings but are marked as for different ranges.
>
> These are:-
>
> 51C540 C-398-A 4.5 - 5.7 Mc 24 turns, 2 turn link, no makers info.
>
> 51C541 G29163 C-390-A 5.7 - 8.0 Mc 24 turns, 2 turn link, made by B & W.
>

> Now, I tested both coils in the transmitter and found that the C-398-A has the dreaded "perspex-rot" and will need a section of fresh insulation adding under the link, a temporary repair was done. The B & W C-390-A is fine and appears unused.
>
> They both "dip" at exactly the same point on the PA tuning on 5400kc and so I'm wondering why there should be two identical coils for two ranges, instead of just one coil for the range 4.7 - 8.0 Mc?
>
> 73
>
> Roger/G3VKM - Norfolk, England
>

# 4668. Re: [T-368_BC-610] Re: 5 Mc coils?

Yahoo group: T-368_BC-610
Date: 2011-09-15 12:36:31 UTC
From: Bry Carling
Topic: 4651  Message: 4668

It should be fairly simple to look inside both and see if the coils look the same size.

On 15 Sep 2011 at 11:47, Roger Basford wrote:

> Hi All,
>
> Just a follow-up to this post. I tried various crystals in the range
> covered by the two coils mentioned and was able to get a "dip" in PA
> current at identical settings of the tuning capacitor on both coils.
> So it looks as though one coil is just incorrectly labeled.
>
> Whilst I was testing I noticed that PA drive was intermittent and
> wisps of smoke were coming from the TU-50 that was plugged in. This
> isn't a TU I would normally ever use, as it covers 4 to 5 Mc, and I
> don't think I'd ever used it since I bought the TX.
>
> On closer examination, I found that the knob used on the
> intermediate amplifier tuning capacitor has a brass insert that
> fills about 50% of the rear face of the knob. The smoke was from B+
> occasionally arcing across to the front panel of the TU at three
> points from the insert and carbonising the plastic of the knob. A
> check of the circuit diagram confirms that the movable vanes of the
> capacitor are at B+ potential.
>
> The knob can be slid out on the capacitor shaft so that there is a
> good air-gap between the insert and ground but I swapped the knob
> for another Hallicrafters type with a smaller insert.
>
> Might be worth checking your TUs and making sure that the knobs have
> good clearance and that there are no burn tracks or cracking, either
> of which could make your eyes water!
>
>
> 73
>
>
> Roger/G3VKM
>
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> 73
>
> Roger/G3VKM
>
>
> --- In T-368_BC-610@yahoogroups.com, "Roger Basford" <Roger@...>

> wrote:
> >
> > Hi All,
> >
> > I have several PA coils for the BC-610-E covering from 2 to 18 Mc.
> Yesterday, I was looking through the coils with a view to trying CW
> on our 5MHz channels, as I have a crystal for 5400kc. I noticed that
> there are two coils which appear to be physically identical and
> which have the same number of turns on main and link windings but
> are marked as for different ranges.
> >
> > These are:-
> >
> > 51C540 C-398-A 4.5 - 5.7 Mc 24 turns, 2 turn link, no makers
> info.
> >
> > 51C541 G29163 C-390-A 5.7 - 8.0 Mc 24 turns, 2 turn link, made by
> B & W.
> >
> > Now, I tested both coils in the transmitter and found that the
> C-398-A has the dreaded "perspex-rot" and will need a section of
> fresh insulation adding under the link, a temporary repair was done.
> The B & W C-390-A is fine and appears unused.
> >
> > They both "dip" at exactly the same point on the PA tuning on
> 5400kc and so I'm wondering why there should be two identical coils
> for two ranges, instead of just one coil for the range 4.7 - 8.0
> Mc?
> >
> > 73
> >
> > Roger/G3VKM - Norfolk, England
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[Non-text portions of this message have been removed]

# 4669. Re: 5 Mc coils?

Yahoo group: T-368_BC-610
Date: 2011-09-15 13:55:37 UTC
From: Roger Basford
Topic: 4651  Message: 4669

Bry,

See the original posting.

73

Roger

--- In T-368_BC-610@yahoogroups.com, "Bry Carling" <bcarling@...> wrote:
>
> It should be fairly simple to look inside both and see if the coils look the same size.
>
> On 15 Sep 2011 at 11:47, Roger Basford wrote:
>
> > Hi All,
> >
> > Just a follow-up to this post. I tried various crystals in the range
> > covered by the two coils mentioned and was able to get a "dip" in PA
> > current at identical settings of the tuning capacitor on both coils.
> > So it looks as though one coil is just incorrectly labeled.
> >
> > Whilst I was testing I noticed that PA drive was intermittent and
> > wisps of smoke were coming from the TU-50 that was plugged in. This
> > isn't a TU I would normally ever use, as it covers 4 to 5 Mc, and I
> > don't think I'd ever used it since I bought the TX.
> >
> > On closer examination, I found that the knob used on the
> > intermediate amplifier tuning capacitor has a brass insert that
> > fills about 50% of the rear face of the knob. The smoke was from B+
> > occasionally arcing across to the front panel of the TU at three
> > points from the insert and carbonising the plastic of the knob. A
> > check of the circuit diagram confirms that the movable vanes of the
> > capacitor are at B+ potential.
> >
> > The knob can be slid out on the capacitor shaft so that there is a
> > good air-gap between the insert and ground but I swapped the knob
> > for another Hallicrafters type with a smaller insert.
> >
> > Might be worth checking your TUs and making sure that the knobs have
> > good clearance and that there are no burn tracks or cracking, either
> > of which could make your eyes water!
> >
> >
> > 73
> >
> >

> > Roger/G3VKM
> >
> >
> > 73
> >
> > Roger/G3VKM
> >
> >
> > --- In T-368_BC-610@yahoogroups.com, "Roger Basford" <Roger@>
> > wrote:
> > >
> > > Hi All,
> > >
> > > I have several PA coils for the BC-610-E covering from 2 to 18 Mc.
> > Yesterday, I was looking through the coils with a view to trying CW
> > on our 5MHz channels, as I have a crystal for 5400kc. I noticed that
> > there are two coils which appear to be physically identical and
> > which have the same number of turns on main and link windings but
> > are marked as for different ranges.
> > >
> > > These are:-
> > >
> > > 51C540 C-398-A 4.5 - 5.7 Mc 24 turns, 2 turn link, no makers
> > info.
> > >
> > > 51C541 G29163 C-390-A 5.7 - 8.0 Mc 24 turns, 2 turn link, made by
> > B & W.
> > >
> > > Now, I tested both coils in the transmitter and found that the
> > C-398-A has the dreaded "perspex-rot" and will need a section of
> > fresh insulation adding under the link, a temporary repair was done.
> > The B & W C-390-A is fine and appears unused.
> > >
> > > They both "dip" at exactly the same point on the PA tuning on
> > 5400kc and so I'm wondering why there should be two identical coils
> > for two ranges, instead of just one coil for the range 4.7 - 8.0
> > Mc?
> > >
> > > 73
> > >
> > > Roger/G3VKM - Norfolk, England
> > >
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>
> [Non-text portions of this message have been removed]
>

# 4670. Re: [T-368_BC-610] Re: 5 Mc coils?

Yahoo group: T-368_BC-610
Date: 2011-09-15 14:27:58 UTC
From: rbethman
Topic: 4651  Message: 4670

First, the PA coils absolutely do NOT need to be "opened".

Second, the Tuning Unit in question doesn't need to be opened to look at the coils.

The "specific" problem is a problem in either the original design, which indeed is the case, as ALL tuning Units have their oscillator associated tube plate's B+ on them.

The problem is the piece of brass in his case.

I have all the TUs that normally shipped with a BC-610. They cover from 2Mc through 18Mc. Normally one wouldn't even think of putting that particular one in the radio, as it isn't a frequency segment allocated in the U.S. That being said, Roger was "looking into" the possible use of the BC-610 on *THEIR* 5 MC segment in the UK.

This is when he discovered the issue of that one specific Tuning Unit. It has an "abnormal" sized piece of brass that arced off and on to the case.

If you don't own one of these, you can't possibly visualize the issue, nor the design.

N0DGN

On 9/15/2011 8:36 AM, Bry Carling wrote:
>
> It should be fairly simple to look inside both and see if the coils
> look the same size.
>

[Non-text portions of this message have been removed]

# 4671. Re: 5 Mc coils?

Yahoo group: T-368_BC-610
Date: 2011-09-15 15:43:35 UTC
From: Roger Basford
Topic: 4651  Message: 4671

Hi Bob,

I have put a photo on the web site (in the G3VKM directory) showing a close-up of the knob which flashed over and the type I replaced it with. You can see the three burn-marks at the top of the left hand knob. The only thing "different" about the TU-50 that had the problem, is that it is only TU I own that is actually marked Hallicrafters, the others are just general military versions. As you say, all TUs have the B+ on the capacitor shaft.

I checked seven TUs here, selected at random, and three had brass and four didn't. There are also three as-new TU-52s made by an Italian company post-WWII and they all have the knobs with the small insert.
Anyway, it's a point to watch if people are using TUs that have had rough handling, etc.

Ref 5 Megs; we have seven fixed channels at the moment, no wide band modes like AM are allowed, but at least two European countries have allocated 5260-5450kc on a secondary basis and we are hopeful of getting a similar "chunk" soon in the UK. CW is allowed, and I have had my TCS pair on 5260kc and got some good reports on it. Will have to run the BC-610 on tune power to comply with the regulations!

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@...> wrote:
>
> First, the PA coils absolutely do NOT need to be "opened".
>
> Second, the Tuning Unit in question doesn't need to be opened to look at
> the coils.
>
> The "specific" problem is a problem in either the original design, which
> indeed is the case, as ALL tuning Units have their oscillator associated
> tube plate's B+ on them.
>
> The problem is the piece of brass in his case.
>
> I have all the TUs that normally shipped with a BC-610. They cover from
> 2Mc through 18Mc. Normally one wouldn't even think of putting that
> particular one in the radio, as it isn't a frequency segment allocated
> in the U.S. That being said, Roger was "looking into" the possible use
> of the BC-610 on *THEIR* 5 MC segment in the UK.
>
> This is when he discovered the issue of that one specific Tuning Unit.
> It has an "abnormal" sized piece of brass that arced off and on to the case.
>
> If you don't own one of these, you can't possibly visualize the issue,

> nor the design.
>
> N0DGN
>
>

# 4672. Re: [T-368_BC-610] Re: 5 Mc coils?

Yahoo group: T-368_BC-610
Date: 2011-09-15 16:05:15 UTC
From: wa5cab@cs.com
Topic: 4651  Message: 4672

I started to comment before that I thought someone had replaced the base
bar with one off of the higher freq coil. But I couldn't recall for sure
where in the coil list the switch from airdux to tubing came.

In a message dated 09/15/2011 06:47:46 AM Central Daylight Time,
Roger@... writes:
> Just a follow-up to this post. I tried various crystals in the range
> covered by the two coils mentioned and was able to get a "dip" in PA current at
> identical settings of the tuning capacitor on both coils. So it looks as
> though one coil is just incorrectly labeled.
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4673. Re: [T-368_BC-610] Re: 5 Mc coils?

Yahoo group: T-368_BC-610
Date: 2011-09-15 16:28:29 UTC
From: rbethman
Topic: 4651  Message: 4673

I can only go by the ones that I have. They are indeed a mixed bag of manufacturers. The last one that is wire coiled, appears to be C-447-B, 8.0 - 11.0MC. It is made by EF Johnson. The C-449-B, 14.0 - 18.0MC, I have is a B&W, and it is either tubing or *very* large conductor whose ends are flattened at the connection points.

I've got another C-449-B, it is for the same frequency range, and it definitely is tubing for the coil.

This is a case of whom made the coils under contract, and how they used different materials to get the job done.

Bob - N0DGN

On 9/15/2011 12:05 PM, wa5cab@... wrote:
>
> I started to comment before that I thought someone had replaced the base
> bar with one off of the higher freq coil. But I couldn't recall for sure
> where in the coil list the switch from airdux to tubing came.
>
> In a message dated 09/15/2011 06:47:46 AM Central Daylight Time,
> Roger@... <mailto:Roger%40new-gate.co.uk> writes:
> > Just a follow-up to this post. I tried various crystals in the range
> > covered by the two coils mentioned and was able to get a "dip" in PA
> current at
> > identical settings of the tuning capacitor on both coils. So it
> looks as
> > though one coil is just incorrectly labeled.
> >
>
> Robert & Susan Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>

[Non-text portions of this message have been removed]

# 4674. Re: 5 Mc coils?

Yahoo group: T-368_BC-610
Date: 2011-09-15 19:46:44 UTC
From: Roger Basford
Topic: 4651  Message: 4674

Hi both,

The coils I mentioned in the first post are enameled wire types. I think the lowest I have with tubing is 11 Mc but will check.

There's no obvious work been done on the bases of my two coils, but Robert's conclusion is as mine, looks like the base bar has been swapped on one at some time. Do either of you have the same two coils and if so could you compare them with my description?

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@...> wrote:
>
> I can only go by the ones that I have. They are indeed a mixed bag of
> manufacturers. The last one that is wire coiled, appears to be C-447-B,
> 8.0 - 11.0MC. It is made by EF Johnson. The C-449-B, 14.0 - 18.0MC, I
> have is a B&W, and it is either tubing or *very* large conductor whose
> ends are flattened at the connection points.
>
> I've got another C-449-B, it is for the same frequency range, and it
> definitely is tubing for the coil.
>
> This is a case of whom made the coils under contract, and how they used
> different materials to get the job done.
>
> Bob - N0DGN
>
> On 9/15/2011 12:05 PM, wa5cab@... wrote:
> >
> > I started to comment before that I thought someone had replaced the base
> > bar with one off of the higher freq coil. But I couldn't recall for sure
> > where in the coil list the switch from airdux to tubing came.
> >
> > In a message dated 09/15/2011 06:47:46 AM Central Daylight Time,
> > Roger@... <mailto:Roger%40new-gate.co.uk> writes:
> > > Just a follow-up to this post. I tried various crystals in the range
> > > covered by the two coils mentioned and was able to get a "dip" in PA
> > current at
> > > identical settings of the tuning capacitor on both coils. So it
> > looks as
> > > though one coil is just incorrectly labeled.
> > >
> >
> > Robert & Susan Downs - Houston

> > wa5cab dot com (Web Store)
> > MVPA 9480
> >
>
>
> [Non-text portions of this message have been removed]
>

# 4675. Re: [T-368_BC-610] Re: 5 Mc coils?

Yahoo group: T-368_BC-610
Date: 2011-09-15 20:14:53 UTC
From: Frank Mercurio
Topic: 4651  Message: 4675

Roger,

FWIW, my 4.5 to 5.7 MC coil (#1737, 51C709, C-389-C) has 17 total turns with a 4 total turn variable loop. My 5.7 to 8.0 MC coil (#1738, 51C709, C-390-C) has 14 total turns with a 4 total turn variable loop!

Hope this helps,

de Frank, W9FM, owner/operator of a BC-610F

Roger Basford wrote:
>
> Hi both,
>
> The coils I mentioned in the first post are enameled wire types. I
> think the lowest I have with tubing is 11 Mc but will check.
>
> There's no obvious work been done on the bases of my two coils, but
> Robert's conclusion is as mine, looks like the base bar has been
> swapped on one at some time. Do either of you have the same two coils
> and if so could you compare them with my description?
>
> 73
>
> Roger/G3VKM
>
> --- In T-368_BC-610@yahoogroups.com
> <mailto:T-368_BC-610%40yahoogroups.com>, rbethman <rbethman@...> wrote:
> >
> > I can only go by the ones that I have. They are indeed a mixed bag of
> > manufacturers. The last one that is wire coiled, appears to be C-447-B,
> > 8.0 - 11.0MC. It is made by EF Johnson. The C-449-B, 14.0 - 18.0MC, I
> > have is a B&W, and it is either tubing or *very* large conductor whose
> > ends are flattened at the connection points.
> >
> > I've got another C-449-B, it is for the same frequency range, and it
> > definitely is tubing for the coil.
> >
> > This is a case of whom made the coils under contract, and how they used
> > different materials to get the job done.
> >
> > Bob - N0DGN
> >
> > On 9/15/2011 12:05 PM, wa5cab@... wrote:
> > >
> > > I started to comment before that I thought someone had replaced

> the base
> > > bar with one off of the higher freq coil. But I couldn't recall
> for sure
> > > where in the coil list the switch from airdux to tubing came.
> > >
> > > In a message dated 09/15/2011 06:47:46 AM Central Daylight Time,
> > > Roger@... <mailto:Roger%40new-gate.co.uk> writes:
> > > > Just a follow-up to this post. I tried various crystals in the range
> > > > covered by the two coils mentioned and was able to get a "dip"
> in PA
> > > current at
> > > > identical settings of the tuning capacitor on both coils. So it
> > > looks as
> > > > though one coil is just incorrectly labeled.
> > > >
> > >
> > > Robert & Susan Downs - Houston
> > > wa5cab dot com (Web Store)
> > > MVPA 9480
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>

# 4676. Re: [T-368_BC-610] Re: 5 Mc coils?

Yahoo group: T-368_BC-610
Date: 2011-09-15 20:31:36 UTC
From: rbethman
Topic: 4651  Message: 4676

Roger,

The enameled wire type that covers 4.5 - 5.7 MC is labeled as C-389-C.
I've got two of them.

It would seem that Robert Downs idea that the "jack bar" being swapped
at some point is a reasonable assumption.

One of mine is so cruddy, that I'd never use it,, even if the US were to
get that segment.

Bob - N0DGN

On 9/15/2011 3:46 PM, Roger Basford wrote:
>
> Hi both,
>
> The coils I mentioned in the first post are enameled wire types. I
> think the lowest I have with tubing is 11 Mc but will check.
>
> There's no obvious work been done on the bases of my two coils, but
> Robert's conclusion is as mine, looks like the base bar has been
> swapped on one at some time. Do either of you have the same two coils
> and if so could you compare them with my description?
>
> 73
>
> Roger/G3VKM
>

[Non-text portions of this message have been removed]

# 4677. Re: 5 Mc coils?

Yahoo group: T-368_BC-610
Date: 2011-09-16 16:01:53 UTC
From: Roger Basford
Topic: 4651  Message: 4677

Hi Frank & Bob,

OK, well there seems to be a big variation in types of PA coil, I've just dug out one that was boxed by British Army stores in the 60s and that is marked 51A441 and 5.7 to 8.0 Mc. It has 18 turns and a four turn fixed loop. Even in a sealed box the perspex spacers have deteriorated and distorted and they will need some re-cementing.

I don't have many coils with variable loops so I can't make a comparison with Frank's. But,looking at one of the coils I mentioned in the first post, I can see that someone has been at the screws that hold the stand-off insulators, the slots are chewed-up quite badly and that probably means that coil has had the jack-bar swapped at some point and I think that accounts for two identical coils with two different ranges on the jack-bar.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@...> wrote:
>
> Roger,
>
> The enameled wire type that covers 4.5 - 5.7 MC is labeled as C-389-C.
> I've got two of them.
>
> It would seem that Robert Downs idea that the "jack bar" being swapped
> at some point is a reasonable assumption.
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> One of mine is so cruddy, that I'd never use it,, even if the US were to
> get that segment.
>
> Bob - N0DGN
>
> On 9/15/2011 3:46 PM, Roger Basford wrote:
> >
> > Hi both,
> >
> > The coils I mentioned in the first post are enameled wire types. I
> > think the lowest I have with tubing is 11 Mc but will check.
> >
> > There's no obvious work been done on the bases of my two coils, but
> > Robert's conclusion is as mine, looks like the base bar has been
> > swapped on one at some time. Do either of you have the same two coils
> > and if so could you compare them with my description?
> >
> > 73
> >

> > Roger/G3VKM
> >
>
>
> [Non-text portions of this message have been removed]
>

# 4678. Re: [T-368_BC-610] Re: 5 Mc coils?

Yahoo group: T-368_BC-610
Date: 2011-09-16 16:59:03 UTC
From: wa5cab@cs.com
Topic: 4651  Message: 4678

The coils originally supplied with the SCR-299-A through about -C and the early SCR-399-A's all had fixed links, as the only antennas supplied were the fixed whip or the 25 to 40 foot end-fed wire. They all required either BC-729 or BC-939 for loading adjustments. All of the original coils have no letter suffix. Some fixed link coils also have suffix -A or even -B, indicating early modifications, I guess. Some suffix -A or -B have variable links. When the doublet antenna kits came out, they included two sets of rotary link coils. The variable link coil nomenclatures were revved up to the next letter, whatever it was.

In a message dated 09/16/2011 11:01:57 AM Central Daylight Time,
Roger@... writes:
> Hi Frank &Bob,
>
> OK, well there seems to be a big variation in types of PA coil, I've just
> dug out one that was boxed by British Army stores in the 60s and that is
> marked 51A441 and 5.7 to 8.0 Mc. It has 18 turns and a four turn fixed loop.
> Even in a sealed box the perspex spacers have deteriorated and distorted
> and they will need some re-cementing.
>
> I don't have many coils with variable loops so I can't make a comparison
> with Frank's. But,looking at one of the coils I mentioned in the first post,
> I can see that someone has been at the screws that hold the stand-off
> insulators, the slots are chewed-up quite badly and that probably means that
> coil has had the jack-bar swapped at some point and I think that accounts for
> two identical coils with two different ranges on the jack-bar.
>
> 73
>
> Roger/G3VKM
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4679. FS: FT243 crystals (older)

Yahoo group: T-368_BC-610
Date: 2011-09-24 16:25:28 UTC
From: Bry Carling
Topic: 4679  Message: 4679

FS: Several older, original WW2 - 1950s era ham band FT243 crystals in the
old popular brands: Bliley, JK, PR, JAN, Monwatt, MP, Standard Piezo, Quartz Prod. etc.

1896.5, 1940, 1955, 1977.5, 3701, 3740 kHz

7000, 7006, 7125, 7140, 7150, 7152, 7174, 7175 kHz
7190, 7194, 7200, 7207, 7209, 7225, 7238, 7249 kHz

8375, 8400, 8425 kHz

Most of these I have one each, and a few I have two or three available.
Inquire. These are available for $14.00 each plus shipping.

73 & thanks for looking,

Bry, AF4K

[Non-text portions of this message have been removed]

# 4680. SX115,HT32B,75A4,2x390A in diversity rack,...

Yahoo group: T-368_BC-610
Date: 2011-09-25 11:05:17 UTC
From: radiokid@ymail.com
Topic: 4680  Message: 4680

Hi folks!Who can give me some hints to find today prices of such rarities as SX115 75A4 and others.A retired OM goes to old people's home and I hope to buy some of his sweeties.He has a doublet of R390A in a rack for diversity reception,seems to be rare,but I think somewhat to big and expensive for me.(if there is interest of the group?)After half a year of pause my BC610E quitted it's service with a "big bang".After replacing two fuses and carefully heating the (866's) tubes,it's working well again.
73's
Peter DK6KT

# 4681. Re: [T-368_BC-610] SX115,HT32B,75A4,2x390A in diversity rack,...

Yahoo group: T-368_BC-610
Date: 2011-09-25 11:59:30 UTC
From: Alan Morriss
Topic: 4680  Message: 4681

hello peter , try VMARS .org.uk . there is great deal of expertise there. alan G4GEN
----- Original Message -----
From: radiokid@...
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, September 25, 2011 12:05 PM
Subject: [T-368_BC-610] SX115,HT32B,75A4,2x390A in diversity rack,...

Hi folks!Who can give me some hints to find today prices of such rarities as SX115 75A4 and others.A retired OM goes to old people's home and I hope to buy some of his sweeties.He has a doublet of R390A in a rack for diversity reception,seems to be rare,but I think somewhat to big and expensive for me.(if there is interest of the group?)After half a year of pause my BC610E quitted it's service with a "big bang".After replacing two fuses and carefully heating the (866's) tubes,it's working well again.
73's
Peter DK6KT

[Non-text portions of this message have been removed]

# 4682. Re: SX115,HT32B,75A4,2x390A in diversity rack,...

Yahoo group: T-368_BC-610
Date: 2011-09-25 16:39:52 UTC
From: Roger Basford
Topic: 4680  Message: 4682

Hello Peter,

Alan's suggestion to contact VMARS is OK but if you are not a member then you can't post to the VMARS Yahoo group.

One suggestion I have is to look at this web site:-

http://www.aade.com/hampedia/prices2.htm

This site shows prices reached in ebay auctions in the US, so they may not be really relevant to European auctions or sales. I am not sure how up to date it is, but the site has been around for some years.

However, the site does show the relative value of a radio compared with others and also how a particular radio is rated by collectors. The 75A4 and R-390 are high end radios, a R-390 would probably fetch about 3-400 GB pounds here but of course they are rare here when compared to numbers in the US. Anyway, I hope the site helps you.

I had a similar fright with my BC-610, 866 flashing-over and so I changed to a pair of 3B28s and they seem to be happy. Did you ever buy that T-1509? :-))

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "radiokid@..." <radiokid@...> wrote:
>
> Hi folks!Who can give me some hints to find today prices of such rarities as SX115 75A4 and others.A retired OM goes to old people's home and I hope to buy some of his sweeties.He has a doublet of R390A in a rack for diversity reception,seems to be rare,but I think somewhat to big and expensive for me.(if there is interest of the group?)After half a year of pause my BC610E quitted it's service with a "big bang".After replacing two fuses and carefully heating the (866's) tubes,it's working well again.
> 73's
> Peter DK6KT
>

# 4683. Re: SX115,HT32B,75A4,2x390A in diversity rack,...

Yahoo group: T-368_BC-610
Date: 2011-09-25 22:26:29 UTC
From: radiokid@ymail.com
Topic: 4680  Message: 4683

Hello,concerning the 866's in the BC610 I see no reason for changing to 3B28 or so,if the tubes are warm enough,they do a nice job.I cannot move this elephant baby every day.and as to the T1509 I forgot to contact the owner this summer,but I can try next week to come into contact.I am not sure to become a T1509 owner,this transmitter weights double of a BC610 for abt 300wtts,I can let it only groundfloor although my shack is under the roof,I am afraid that my lovely home may collaps under this weight.Sometimes I think the best place for it is a museum.Is there eventually interest from GB OMs?
Concerning the gear mentioned in "subject" there is practically no market in Germany,they are extremly rare,so no up to date prices from foreign countries are not helpful at all.All this apparatus from this old man are in extraordinary good condition,and I am only a little bit acquainted with him,so he gave me time till friday next week.So thank you for your attention and response,will tell you what's going on.
73's
Peter

--- In T-368_BC-610@yahoogroups.com, "Roger Basford" <Roger@...> wrote:
>
> Hello Peter,
>
> Alan's suggestion to contact VMARS is OK but if you are not a member then you can't post to the VMARS Yahoo group.
>
> One suggestion I have is to look at this web site:-
>
> http://www.aade.com/hampedia/prices2.htm
>
> This site shows prices reached in ebay auctions in the US, so they may not be really relevant to European auctions or sales. I am not sure how up to date it is, but the site has been around for some years.
>
> However, the site does show the relative value of a radio compared with others and also how a particular radio is rated by collectors. The 75A4 and R-390 are high end radios, a R-390 would probably fetch about 3-400 GB pounds here but of course they are rare here when compared to numbers in the US. Anyway, I hope the site helps you.
>
> I had a similar fright with my BC-610, 866 flashing-over and so I changed to a pair of 3B28s and they seem to be happy. Did you ever buy that T-1509? :-))
>
> 73
>
> Roger/G3VKM
>
>
>
> --- In T-368_BC-610@yahoogroups.com, "radiokid@" <radiokid@> wrote:

> >
> > Hi folks!Who can give me some hints to find today prices of such rarities as SX115 75A4 and others.A retired OM goes to old people's home and I hope to buy some of his sweeties.He has a doublet of R390A in a rack for diversity reception,seems to be rare,but I think somewhat to big and expensive for me.(if there is interest of the group?)After half a year of pause my BC610E quitted it's service with a "big bang".After replacing two fuses and carefully heating the (866's) tubes,it's working well again.
> > 73's
> > Peter DK6KT
> >
>

# 4684. Re: [T-368_BC-610] Re: SX115,HT32B,75A4,2x390A in diversity rack,...

Yahoo group: T-368_BC-610
Date: 2011-09-27 10:14:13 UTC
From: Bry Carling
Topic: 4680  Message: 4684

On 25 Sep 2011 at 22:26, radiokid@... wrote:

> Hello,concerning the 866's in the BC610 I see no reason for changing
> to
> 3B28

The only reason I ever did the change in some of my earlier rigs was that the 3B28s just LOOKED so darn cool!

YMMV - you probably can't see them inside a '368 or '610 anyway!

73 - Bry, AF4K

[Non-text portions of this message have been removed]

# 4685. choke

Yahoo group: T-368_BC-610
Date: 2011-10-03 20:57:39 UTC
From: Alan Morriss
Topic: 4623  Message: 4685

hello guys, i have just got an unused rf choke on ebay , hope it is the right one, certainly looks it . in that case Roy, if you got the one i sent ok, you might as well rewind it and keep it as a spare for somebody . thanks for your help. wiith any luck i will soon be back in business with the BC610. i also have wind of a 110v generator for our PE 95 . ours had been converted to 3 phase 220v for a flower grower as a standby power source. we have to use an auto transformer to run the scr399 . cheers, alan G4GEN

[Non-text portions of this message have been removed]

# 4686. AM-141 RF AMP

Yahoo group: T-368_BC-610
Date: 2011-10-07 07:40:52 UTC
From: Bill Harris
Topic: 4686  Message: 4686

Anyone out there remember the AM-141 Amplifier that was mated to the BC-610? The Amp used a pair of 833A's, or was it one 833? It's been a long time since I last saw one of these puppies.(60 yrs) It was installed in a SCR-499 set up. Or was it a AN-GRC-26? Memory is a little rusty.
Did any of these amps made it into the Amateur market?
Just curious.

Carry-on

Bill-w7kxb

# 4687. FW: [AMRadio] EB Item 310349549704

Yahoo group: T-368_BC-610
Date: 2011-10-07 07:48:44 UTC
From: Bill Harris
Topic: 4687  Message: 4687

> Things are looking up. He's down to $7,500 now.
> Carry-on
> Bill-w7kxb
>
> ------------------------------------------------------------------

[Non-text portions of this message have been removed]

# 4688. rf choke

Yahoo group: T-368_BC-610
Date: 2011-10-07 08:00:02 UTC
From: Alan Morriss
Topic: 4688  Message: 4688

hello guys, the person from whom i got the BC610 rf choke had another . they are new in original packing. i will fit one and keep the other as a spare. if anyone desperately needs one, i will pass it on for what it cost me. alan G4GEN

[Non-text portions of this message have been removed]

# 4689. Re: [T-368_BC-610] AM-141 RF AMP

Yahoo group: T-368_BC-610
Date: 2011-10-07 14:20:38 UTC
From: rbethman
Topic: 4686  Message: 4689

These were a separate trailer system. They produced 5KW.

They were never put on the surplus market that I and others know of.

Bob - N0DGN

On 10/7/2011 3:40 AM, Bill Harris wrote:
>
> Anyone out there remember the AM-141 Amplifier that was mated to the
> BC-610? The Amp used a pair of 833A's, or was it one 833? It's been a
> long time since I last saw one of these puppies.(60 yrs) It was
> installed in a SCR-499 set up. Or was it a AN-GRC-26? Memory is a
> little rusty.
> Did any of these amps made it into the Amateur market?
> Just curious.
>
> Carry-on
>
> Bill-w7kxb
>
>

--
+--------------------------------------------------------------------+
| AM Amateur Radio Operator NØDGN |
+--------------------------------------------------------------------+
| http://home.comcast.net/~rbethman/ |
+--------------------------------------------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| \\ ~ ~ // signal does *NOT* mean |
| rbethman@... (/ @ @ /) that everything is OK " |
+----------------------o00o---°(_)°---o00o-------------------------+

[Non-text portions of this message have been removed]

# 4690. Re: [T-368_BC-610] AM-141 RF AMP

Yahoo group: T-368_BC-610
Date: 2011-10-07 16:00:18 UTC
From: wa5cab@cs.com
Topic: 4686  Message: 4690

It was part of AN/MRC-2 and -2A. The AM-141/MRC-2 had a pair of 833A's in push-pull Class C. Rated 2 KW output.

In a message dated 10/07/2011 02:41:01 AM Central Daylight Time, w7kxb@... writes:

> Anyone out there remember the AM-141 Amplifier that was mated to the
> BC-610? The Amp used a pair of 833A's, or was it one 833? It's been a long
> time since I last saw one of these puppies.(60 yrs) It was installed in a
> SCR-499 set up. Or was it a AN-GRC-26? Memory is a little rusty.
> Did any of these amps made it into the Amateur market?
> Just curious.
>
> Carry-on
>
> Bill-w7kxb
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4691. Re: [T-368_BC-610] AM-141 RF AMP

Yahoo group: T-368_BC-610
Date: 2011-10-07 16:50:51 UTC
From: John King
Topic: 4686  Message: 4691

I thought the AM 141 was a linear Amp, not Class C. I have a potted power transformer from one. Maybe I mis read. 73, John, K5PGW

--- On Fri, 10/7/11, wa5cab@... <wa5cab@...> wrote:

From: wa5cab@... <wa5cab@...>
Subject: Re: [T-368_BC-610] AM-141 RF AMP
To: T-368_BC-610@yahoogroups.com
Date: Friday, October 7, 2011, 8:00 AM

It was part of AN/MRC-2 and -2A. The AM-141/MRC-2 had a pair of 833A's in

push-pull Class C. Rated 2 KW output.

In a message dated 10/07/2011 02:41:01 AM Central Daylight Time,

w7kxb@... writes:

> Anyone out there remember the AM-141 Amplifier that was mated to the

> BC-610? The Amp used a pair of 833A's, or was it one 833? It's been a long

> time since I last saw one of these puppies.(60 yrs) It was installed in a

> SCR-499 set up. Or was it a AN-GRC-26? Memory is a little rusty.

> Did any of these amps made it into the Amateur market?

> Just curious.

>

> Carry-on

>

> Bill-w7kxb

>

Robert & Susan Downs - Houston

wa5cab dot com (Web Store)

MVPA 9480

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4692. Re: [T-368_BC-610] AM-141 RF AMP

Yahoo group: T-368_BC-610
Date: 2011-10-07 17:04:31 UTC
From: wa5cab@cs.com
Topic: 4686  Message: 4692

No, both it and the AM-35/MRC-1 were Class C only. In order to operate the AN/MRC-2 on AM, you disconnected the BC-610 and the antenna from the AM-141, connected the BC-610 to the antenna, and used only it.

In a message dated 10/07/2011 11:51:37 AM Central Daylight Time, k5pgw@... writes:

> I thought the AM 141 was a linear Amp, not Class C. I have a potted power
> transformer from one. Maybe I mis read. 73, John, K5PGW
>
> --- On Fri, 10/7/11, wa5cab@... <wa5cab@...> wrote:
>
> From: wa5cab@... <wa5cab@...>
> Subject: Re: [T-368_BC-610] AM-141 RF AMP
> To: T-368_BC-610@yahoogroups.com
> Date: Friday, October 7, 2011, 8:00 AM
>
>
> It was part of AN/MRC-2 and -2A. The AM-141/MRC-2 had a pair of
> 833A's in
> push-pull Class C. Rated 2 KW output.
>

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[Non-text portions of this message have been removed]

# 4693. Re: [T-368_BC-610] AM-141 RF AMP

Yahoo group: T-368_BC-610
Date: 2011-10-07 17:05:20 UTC
From: rbethman
Topic: 4686  Message: 4693

It indeed IS a linear amplifier.

It is NOT Class C

Bob - N0DGN

On 10/7/2011 12:50 PM, John King wrote:
>
> I thought the AM 141 was a linear Amp, not Class C. I have a potted
> power transformer from one. Maybe I mis read. 73, John, K5PGW
>
> --- On Fri, 10/7/11, wa5cab@... <mailto:wa5cab%40cs.com>
> <wa5cab@... <mailto:wa5cab%40cs.com>> wrote:
>
> From: wa5cab@cs.com <mailto:wa5cab%40cs.com> <wa5cab@...
> <mailto:wa5cab%40cs.com>>
> Subject: Re: [T-368_BC-610] AM-141 RF AMP
> To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> Date: Friday, October 7, 2011, 8:00 AM
>
>
>
> It was part of AN/MRC-2 and -2A. The AM-141/MRC-2 had a pair of 833A's in
>
> push-pull Class C. Rated 2 KW output.
>
> In a message dated 10/07/2011 02:41:01 AM Central Daylight Time,
>
> w7kxb@... <mailto:w7kxb%40msn.com> writes:
>
> > Anyone out there remember the AM-141 Amplifier that was mated to the
>
> > BC-610? The Amp used a pair of 833A's, or was it one 833? It's been
> a long
>
> > time since I last saw one of these puppies.(60 yrs) It was installed
> in a
>
> > SCR-499 set up. Or was it a AN-GRC-26? Memory is a little rusty.
>
> > Did any of these amps made it into the Amateur market?
>
> > Just curious.
>
> >
>

```
> > Carry-on
>
> >
>
> > Bill-w7kxb
>
> >
>
> Robert & Susan Downs - Houston
>
> wa5cab dot com (Web Store)
>
> MVPA 9480
>
> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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>

--
+-------------------------------------------------------------------+
| AM Amateur Radio Operator NØDGN |
+-------------------------------------------------------------------+
| http://home.comcast.net/~rbethman/ |
+-------------------------------------------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| \\ ~ ~ // signal does *NOT* mean |
| rbethman@... (/ @ @ /) that everything is OK " |
+----------------------o00o---°(_)°---o00o-------------------------+

[Non-text portions of this message have been removed]
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# 4694. Re: [T-368_BC-610] AM-141 RF AMP

Yahoo group: T-368_BC-610
Date: 2011-10-07 15:59:01 UTC
From: Bry Carling
Topic: 4686  Message: 4694

It makes you wish you could have one, doesn't it?

http://cecom.army.mil/historian/photos/manualCovers/AM-141%20MRC.jpg

I don't even find any pictures of this beast.

On 7 Oct 2011 at 10:20, rbethman wrote:

> These were a separate trailer system. They produced 5KW.
>
> They were never put on the surplus market that I and others know
> of.
>
> Bob - N0DGN
>
> On 10/7/2011 3:40 AM, Bill Harris wrote:
> >
> > Anyone out there remember the AM-141 Amplifier that was mated to
> the
> > BC-610? The Amp used a pair of 833A's, or was it one 833? It's
> been a
> > long time since I last saw one of these puppies.(60 yrs) It was
> > installed in a SCR-499 set up. Or was it a AN-GRC-26? Memory is a
> > little rusty.
> > Did any of these amps made it into the Amateur market?
> > Just curious.
> >
> > Carry-on
> >
> > Bill-w7kxb
> >
> >
>
> --
> +-----------------------------------------------------------------+
> | AM Amateur Radio Operator NØDGN
> |
> +-----------------------------------------------------------------+
> | http://home.comcast.net/~rbethman/
> |
> +-----------------------------------------------------------------+
> | Bob Bethman \\\|/// " The absence of a danger
> |
> | \\ ~ ~ // signal does *NOT* mean
> |
> | rbethman@... (/ @ @ /) that everything is OK "

> |
> +----------------------o00o---°(_)°---o00o-------------------------+
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>
> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

# 4695. Re: [T-368_BC-610] AM-141 RF AMP

Yahoo group: T-368_BC-610
Date: 2011-10-08 07:33:29 UTC
From: mac
Topic: 4686  Message: 4695

Big box with a horn-like protuberance on the top. Fellow in the NE
had one for sale a number of years back.

DD

**********

On Oct 7, 2011, at 8:59 AM, Bry Carling wrote:

> I don't even find any pictures of this beast.

[Non-text portions of this message have been removed]

# 4696. Re: [T-368_BC-610] AM-141 RF AMP

Yahoo group: T-368_BC-610
Date: 2011-10-08 15:06:12 UTC
From: wa5cab@cs.com
Topic: 4686  Message: 4696

Ten or fifteen years ago, there was one north of OK City. I supplied a replacement set of tanks coils (his originals burned in a storage shed fire). Seems like the guy's nickname was "Curly" or something short and similar. Haven't heard from him since then. AFAIK, he only had the AM-141.

The entire AN/MRC-2 was in three HO-17's and took four Deuce-and-a-halfs to move, three for the HO-17's and the fourth for the antennas, spare PE-95, and probably crew belongings. The three shelters were Transmitting, Receiving, and Operating. Had three PE-95's in trailers (plus a fourth spare not in trailer). It was considered semi-fixed. Included the AN/TRA-7 for FSK. And the modified master-slave BC-342's for receiving. Used two of the HF doublet antennas (the ones that eventually became AN/GRA-4). Replaced AN/MRC-1.

In a message dated 10/08/2011 02:33:38 AM Central Daylight Time, w7qho@... writes:
> Big box with a horn-like protuberance on the top. Fellow in the NE
> had one for sale a number of years back.
>
> DD
>
> **********
>
> On Oct 7, 2011, at 8:59 AM, Bry Carling wrote:
>
> >I don't even find any pictures of this beast.
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4697. Re: [T-368_BC-610] AM-141 RF AMP

Yahoo group: T-368_BC-610
Date: 2011-10-08 19:17:40 UTC
From: Bry Carling
Topic: 4686  Message: 4697

It had to be magnificent. I remember visiting the station of Don Hoisington in Alabama. "Hoisy" had built his own QRO AM transmitting equipment.... mostly sitting on the floor or in wooden project frames made out of chicken wire and 1" X 1" wood frames.

I do remember that the transformers sat on the floor. Pairs of 833As "super-modulated" by Pairs of 810s or 833As.... big iron, and sure to energize the ether most evenings after 10 pm when the neighbors had all stopped watching TV and gone to bed!

On 8 Oct 2011 at 11:06, wa5cab@... wrote:

> Ten or fifteen years ago, there was one north of OK City. I
> supplied a
> replacement set of tanks coils (his originals burned in a storage
> shed fire).
> Seems like the guy's nickname was "Curly" or something short and
> similar.
> Haven't heard from him since then. AFAIK, he only had the AM-141.
>
> The entire AN/MRC-2 was in three HO-17's and took four
> Deuce-and-a-halfs to
> move, three for the HO-17's and the fourth for the antennas, spare
> PE-95,
> and probably crew belongings. The three shelters were Transmitting,
> Receiving, and Operating. Had three PE-95's in trailers (plus a
> fourth spare not in
> trailer). It was considered semi-fixed. Included the AN/TRA-7 for
> FSK.
> And the modified master-slave BC-342's for receiving. Used two of
> the HF
> doublet antennas (the ones that eventually became AN/GRA-4).
> Replaced
> AN/MRC-1.
>
> In a message dated 10/08/2011 02:33:38 AM Central Daylight Time,
> w7qho@... writes:
> > Big box with a horn-like protuberance on the top. Fellow in the
> NE
> > had one for sale a number of years back.
> >
> > DD
> >
> > **********
> >
> > On Oct 7, 2011, at 8:59 AM, Bry Carling wrote:
> >
> > >I don't even find any pictures of this beast.

> >
>
> Robert & Susan Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
> [Non-text portions of this message have been removed]
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> ------------------------------------
>
> Yahoo! Groups Links
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>

[Non-text portions of this message have been removed]

# 4698. BC-939 ATU

Yahoo group: T-368_BC-610
Date: 2011-10-09 00:06:34 UTC
From: Bill Harris
Topic: 4698  Message: 4698

What is there about the 939 Antenna Tuning unit that's undesirable for ham use? (except for size)LaterBil-W7KXB

[Non-text portions of this message have been removed]

# 4699. Re: [T-368_BC-610] BC-939 ATU

Yahoo group: T-368_BC-610
Date: 2011-10-09 00:28:07 UTC
From: rbethman@comcast.net
Topic: 4698  Message: 4699

Bill - The designation is REALLY a misnomer. It is an antenna coupler. It takes a 50 ohm input, and by use of ONLY inductors, with the exception of specific coverage, it is intended for the Military Whip antenna, OR specifically listed *long Wires*, which are ANYTHING but!

Look up the antenna unit in the BC-610 manual.

It does NOT play well with transmitters other than the BC-610.

There is a somewhat similar one for the T-368.

Bob - N0DGN

----- Original Message -----
From: "Bill Harris" <w7kxb@...>
To: "T-368_BC-610@yahoogroups.com" <t-368_bc-610@yahoogroups.com>
Sent: Saturday, October 8, 2011 8:06:34 PM
Subject: [T-368_BC-610] BC-939 ATU

What is there about the 939 Antenna Tuning unit that's undesirable for ham use? (except for size)LaterBil-W7KXB

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[Non-text portions of this message have been removed]

# 4700. Re: [T-368_BC-610] BC-939 ATU

Yahoo group: T-368_BC-610
Date: 2011-10-09 00:28:58 UTC
From: Taylor Family
Topic: 4698  Message: 4700

It was designed to feed a very short mobile vertical (AN/GRC-26D) and not much else. It allegedly could tune a long wire, but never tried it when we used the T-368 overseas. More modern tuners have a more suitable range for "normal" ham applications. In the signal corps fixed station installations we never used the tuner as was virtually useless due to it's limited matching range on land based antennas. The only purpose it's really is good for is a door stop or for parts. You're better off with a used EFJ tuner (the 250 watt version or the KW beast). That was my army experience with the T-368.

Seth KC2WE

----- Original Message -----
From: Bill Harris
To: T-368_BC-610@yahoogroups.com
Sent: Saturday, October 08, 2011 8:06 PM
Subject: [T-368_BC-610] BC-939 ATU

What is there about the 939 Antenna Tuning unit that's undesirable for ham use? (except for size)LaterBil-W7KXB

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4701. Re: [T-368_BC-610] BC-939 ATU

Yahoo group: T-368_BC-610
Date: 2011-10-09 00:54:25 UTC
From: mac
Topic: 4698  Message: 4701

It doesn't work with the kinds of antennas that Hams normally use.
Ditto the T-368 version.

Dennis D. W7QHO
Glendale, CA

**********

On Oct 8, 2011, at 5:06 PM, Bill Harris wrote:

>
> What is there about the 939 Antenna Tuning unit that's undesirable
> for ham use? (except for size)LaterBil-W7KXB
>
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> [Non-text portions of this message have been removed]
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# 4702. Re: [T-368_BC-610] BC-939 ATU

Yahoo group: T-368_BC-610
Date: 2011-10-09 03:11:18 UTC
From: wa5cab@cs.com
Topic: 4698  Message: 4702

First, BC-939-A or -B was not designed for and not generally used with the AN/GRC-26D. Although a few might have been used with the D model, that would have been only because someone had screwed up and failed to do the MWO. The antenna tuner used with AN/GRC-26D is TN-339/GR. The BC-939-A was originally built for SCR-39-A9 and SCR-499-A and retro-fitted to some dismounted SCR-299-(*) after 1942. It was carried over when SCR-399-B was renomenclatured AN/GRC-26 circa 1950.

Second, the BC-939 was not built to match ANY long wire antenna. By definition, a "long wire" is an end fed wire more than half a wavelength long. The TN-339, BC-939 and it's predecessor the BC-729 would match an end fed antenna between the lengths of about 15 and 60 feet in length from 1 to 18 MC (2 to 8 MC for BC-729). Which is what was generally available to mobile units. 15 foot whip while in motion. 24 foot whip or 30 to 60 foot end fed wire at a temporary halt. When dismounted and used as a temporary fixed station (wherein by definition it became SCR-499-A/B), the antenna normally used was a three-pole supported doublet which had several different nomenclatures over the decades.

"Normal" ham applications don't need an antenna tuner. You buy a pre-made Jap antenna, put it up, and if it doesn't work you call someone born before 1960 to come fix it for you.

In a message dated 10/08/2011 19:29:00 PM Central Daylight Time, kc2we@... writes:
> It was designed to feed a very short mobile vertical (AN/GRC-26D) and not
> much else. It allegedly could tune a long wire, but never tried it when we
> used the T-368 overseas. More modern tuners have a more suitable range for
> "normal" ham applications. In the signal corps fixed station installations
> we never used the tuner as was virtually useless due to it's limited
> matching range on land based antennas. The only purpose it's really is good for
> is a door stop or for parts. You're better off with a used EFJ tuner (the
> 250 watt version or the KW beast). That was my army experience with the
> T-368.
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4703. 939

Yahoo group: T-368_BC-610
Date: 2011-10-09 08:02:01 UTC
From: Alan Morriss
Topic: 4703  Message: 4703

hello guys, we use our BC939 in the SCR399 set up as intended. it works extremely well in that role. it will match a 40 ft wire connrcted to the antenna socket in the range of 3 to 10 megs as stated in the manual. trying it on a longer one was a complete failure .i intend to mount a 38 ft whip ,which i have, on the roof of the shed directly over the place where we park the truck .it will stay there for the winter . with the length from the 939 to the socket and the piece from the socket to the antenna base it will exceed 40 ft .i am hoping it will be just ok. any comments? alan G4GEN

[Non-text portions of this message have been removed]

# 4704. Re: [T-368_BC-610] 939

Yahoo group: T-368_BC-610
Date: 2011-10-09 14:01:05 UTC
From: ray bee
Topic: 4703  Message: 4704

If it doesn't work, try a capacitor, in series with the antenna. That will make it look shorter. I'd try an air or vacuum variable, with suitable spacing. 250-500 pf might be a good starting point.
Ray
WA2ZYE

---
From: Alan Morriss <mohawk@...>
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, October 9, 2011 4:02 AM
Subject: [T-368_BC-610] 939

hello guys, we use our BC939 in the SCR399 set up as intended. it works extremely well in that role. it will match a 40 ft wire connrcted to the antenna socket in the range of 3 to 10 megs as stated in the manual. trying it on a longer one was a complete failure .i intend to mount a 38 ft whip ,which i have, on the roof of the shed directly over the place where we park the truck .it will stay there for the winter . with the length from the 939 to the socket and the piece from the socket to the antenna base it will exceed 40 ft .i am hoping it will be just ok. any comments? alan G4GEN

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# 4705. Re: 939

Yahoo group: T-368_BC-610
Date: 2011-10-11 05:40:56 UTC
From: Roger Basford
Topic: 4703  Message: 4705

Hi All,

There was a series of articles on the BC-610, etc in Electric Radio a few years ago, by N6PL I think, and there was a section on simple modifications to use the BC-939 on the LF bands. IIRC, a vacuum variable capacitor was the main addition, as Ray says. The author did send me the PDFs of the articles if anyone has a problem finding them.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, ray bee <wazye@...> wrote:
>
> If it doesn't work, try a capacitor, in series with the antenna.Â That
> will make it look shorter.Â I'd try an air or vacuum variable, with
> suitable spacing. 250-500 pf might be a good starting point.
> Ray
> WA2ZYE
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> _____
> From: Alan Morriss <mohawk@...>
> To: T-368_BC-610@yahoogroups.com
> Sent: Sunday, October 9, 2011 4:02 AM
> Subject: [T-368_BC-610] 939
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> Â
> hello guys, we use our BC939 in the SCR399 set up as intended. it works extremely well in that role. it will match a 40 ft wire connrcted to the antenna socket in the range of 3 to 10 megs as stated in the manual. trying it on a longer one was a complete failure .i intend to mount a 38 ft whip ,which i have, on the roof of the shed directly over the place where we park the truck .it will stay there for the winter . with the length from the 939 to the socket and the piece from the socket to the antenna base it will exceed 40 ft .i am hoping it will be just ok. any comments? alan G4GEN
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# 4706. RE: [T-368_BC-610] Re: 939

Yahoo group: T-368_BC-610
Date: 2011-10-11 12:35:16 UTC
From: Tom Bridgers
Topic: 4703  Message: 4706

Good morning, Roger.Would you be willing to send me the PDF files on the mods to usethe BC-939 on the LF bands?
Many thanks,-Tom KE4RHH

To: T-368_BC-610@yahoogroups.com
From: Roger@...
Date: Tue, 11 Oct 2011 05:40:56 +0000
Subject: [T-368_BC-610] Re: 939

Hi All,

There was a series of articles on the BC-610, etc in Electric Radio a few years ago, by N6PL I think, and there was a section on simple modifications to use the BC-939 on the LF bands. IIRC, a vacuum variable capacitor was the main addition, as Ray says. The author did send me the PDFs of the articles if anyone has a problem finding them.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, ray bee <wazye@...> wrote:

>

> If it doesn't work, try a capacitor, in series with the antenna.? That

> will make it look shorter.? I'd try an air or vacuum variable, with

> suitable spacing. 250-500 pf might be a good starting point.

> Ray

> WA2ZYE

>

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> _____

> From: Alan Morriss <mohawk@...>

> To: T-368_BC-610@yahoogroups.com

> Sent: Sunday, October 9, 2011 4:02 AM

> Subject: [T-368_BC-610] 939

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> hello guys, we use our BC939 in the SCR399 set up as intended. it works extremely well in that role. it will match a 40 ft wire connrcted to the antenna socket in the range of 3 to 10 megs as stated in the manual. trying it on a longer one was a complete failure .i intend to mount a 38 ft whip ,which i have, on the roof of the shed directly over the place where we park the truck .it will stay there for the winter . with the length from the 939 to the socket and the piece from the socket to the antenna base it will exceed 40 ft .i am hoping it will be just ok. any comments? alan G4GEN

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# 4707. Re: [T-368_BC-610] Re: 939

Yahoo group: T-368_BC-610
Date: 2011-10-11 13:07:27 UTC
From: rbethman
Topic: 4703  Message: 4707

Tom,

The "mod" to use the BC-939(*) on LF is in TM 11-826, starting on page 43.

The vacuum caps are the MAIN change. There is ONE wire added.

The other change is on the PA deck of the transmitter. This MUST only
be used for the 160 range of operations! It MUST be removed for
operation above this range or damage will be done!

Bob - N0DGN

On 10/11/2011 8:35 AM, Tom Bridgers wrote:
> Good morning, Roger.Would you be willing to send me the PDF files on the mods to usethe
BC-939 on the LF bands?
> Many thanks,-Tom KE4RHH
>
> To: T-368_BC-610@yahoogroups.com
> From: Roger@...
> Date: Tue, 11 Oct 2011 05:40:56 +0000
> Subject: [T-368_BC-610] Re: 939
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> Hi All,
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> There was a series of articles on the BC-610, etc in Electric Radio a few years ago, by N6PL I think, and there was a section on simple modifications to use the BC-939 on the LF bands. IIRC, a vacuum variable capacitor was the main addition, as Ray says. The author did send me the PDFs of the articles if anyone has a problem finding them.
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> 73
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> Roger/G3VKM
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> --- In T-368_BC-610@yahoogroups.com, ray bee<wazye@...> wrote:
>
>> If it doesn't work, try a capacitor, in series with the antenna.? That
>> will make it look shorter.? I'd try an air or vacuum variable, with
>> suitable spacing. 250-500 pf might be a good starting point.
>> Ray
>> WA2ZYE
>> _____
>> From: Alan Morriss<mohawk@...>
>> To: T-368_BC-610@yahoogroups.com
>> Sent: Sunday, October 9, 2011 4:02 AM
>> Subject: [T-368_BC-610] 939
>> ?
>> hello guys, we use our BC939 in the SCR399 set up as intended. it works extremely well in that role. it will match a 40 ft wire connrcted to the antenna socket in the range of 3 to 10 megs as stated in the manual. trying it on a longer one was a complete failure .i intend to mount a 38 ft whip ,which i have, on the roof of the shed directly over the place where we park the truck .it will stay there for the winter . with the length from the 939 to the socket and the piece from the socket to the antenna base it will exceed 40 ft .i am hoping it will be just ok. any comments? alan G4GEN
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| AM Amateur Radio Operator N?DGN |
+---------------------------------------------------------------------+
| http://home.comcast.net/~rbethman/ |
+---------------------------------------------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| \\ ~ ~ // signal does *NOT* mean |
| rbethman@... (/ @ @ /) that everything is OK " |
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# 4708. Re: 939

Yahoo group: T-368_BC-610
Date: 2011-10-11 15:14:59 UTC
From: Roger Basford
Topic: 4703  Message: 4708

Hi Tom,

Drop me your home e-mail address and I'll mail it direct. I don't want to put it up on the site to avoid copyright issues.

73

Roger

--- In T-368_BC-610@yahoogroups.com, Tom Bridgers <tarheel6@...> wrote:
>
>
> Good morning, Roger.Would you be willing to send me the PDF files on the mods to usethe BC-939 on the LF bands?
> Many thanks,-Tom KE4RHH
>
> To: T-368_BC-610@yahoogroups.com
> From: Roger@...
> Date: Tue, 11 Oct 2011 05:40:56 +0000
> Subject: [T-368_BC-610] Re: 939
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> Hi All,
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>
> There was a series of articles on the BC-610, etc in Electric Radio a few years ago, by N6PL I think, and there was a section on simple modifications to use the BC-939 on the LF bands. IIRC, a vacuum variable capacitor was the main addition, as Ray says. The author did send me the PDFs of the articles if anyone has a problem finding them.
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> Roger/G3VKM
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> --- In T-368_BC-610@yahoogroups.com, ray bee <wazye@> wrote:
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>
> > If it doesn't work, try a capacitor, in series with the antenna.Â That
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> > will make it look shorter.Â I'd try an air or vacuum variable, with
>
> > suitable spacing. 250-500 pf might be a good starting point.
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> > Ray
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> > WA2ZYE
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> > _____
>
> > From: Alan Morriss <mohawk@>
>
> > To: T-368_BC-610@yahoogroups.com
>
> > Sent: Sunday, October 9, 2011 4:02 AM
>
> > Subject: [T-368_BC-610] 939
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> > hello guys, we use our BC939 in the SCR399 set up as intended. it works extremely well in that role. it will match a 40 ft wire connrcted to the antenna socket in the range of 3 to 10 megs as stated in the manual. trying it on a longer one was a complete failure .i intend to mount a 38 ft whip ,which i have, on the roof of the shed directly over the place where we park the truck .it will stay there for the winter . with the length from the 939 to the socket and the piece from the socket to the antenna base it will exceed 40 ft .i am hoping it will be just ok. any comments? alan G4GEN
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# 4709. RE: [T-368_BC-610] Re: 939

Yahoo group: T-368_BC-610
Date: 2011-10-11 15:22:23 UTC
From: Tom Bridgers
Topic: 4703  Message: 4709

Hi Roger,My email address is:
Tarheel6@...
Many thanks,-Tom KE4RHH

To: T-368_BC-610@yahoogroups.com
From: Roger@...
Date: Tue, 11 Oct 2011 15:14:59 +0000
Subject: [T-368_BC-610] Re: 939

Hi Tom,

Drop me your home e-mail address and I'll mail it direct. I don't want to put it up on the site to avoid copyright issues.

73

Roger

--- In T-368_BC-610@yahoogroups.com, Tom Bridgers <tarheel6@...> wrote:

>

>

> Good morning, Roger.Would you be willing to send me the PDF files on the mods to usethe BC-939 on the LF bands?

> Many thanks,-Tom KE4RHH

>

> To: T-368_BC-610@yahoogroups.com

> From: Roger@...

> Date: Tue, 11 Oct 2011 05:40:56 +0000

> Subject: [T-368_BC-610] Re: 939

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> Hi All,

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> There was a series of articles on the BC-610, etc in Electric Radio a few years ago, by N6PL I think, and there was a section on simple modifications to use the BC-939 on the LF bands. IIRC, a vacuum variable capacitor was the main addition, as Ray says. The author did send me the PDFs of the articles if anyone has a problem finding them.

>

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> 73

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> Roger/G3VKM

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> --- In T-368_BC-610@yahoogroups.com, ray bee <wazye@> wrote:

>

> >

>

> > If it doesn't work, try a capacitor, in series with the antenna.? That

>

> > will make it look shorter.? I'd try an air or vacuum variable, with

>

> > suitable spacing. 250-500 pf might be a good starting point.

>

> > Ray

>

> > WA2ZYE

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> > _____

>

> > From: Alan Morriss <mohawk@>

>

> > To: T-368_BC-610@...m

>

> > Sent: Sunday, October 9, 2011 4:02 AM

>

> > Subject: [T-368_BC-610] 939

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>

> > hello guys, we use our BC939 in the SCR399 set up as intended. it works extremely well in that role. it will match a 40 ft wire connrcted to the antenna socket in the range of 3 to 10 megs as stated in the manual. trying it on a longer one was a complete failure .i intend to mount a 38 ft whip ,which i have, on the roof of the shed directly over the place where we park the truck .it will stay there for the winter . with the length from the 939 to the socket and the piece from the socket to the antenna base it will exceed 40 ft .i am hoping it will be just ok. any comments? alan G4GEN

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# 4710. Re: [T-368_BC-610] Re: 939

Yahoo group: T-368_BC-610
Date: 2011-10-11 15:55:32 UTC
From: wa5cab@cs.com
Topic: 4703  Message: 4710

The instructions for modification of the BC-610 are also in TM 11-280
Change 1, 08 September 1944, in the section on Frequency Conversion Kit MC-509.
The antenna tuner mods apply specifically to the BC-729. I'm pretty sure
that the ones applying to BC-939 are in one of the changes or supplements to
TM 11-281, but I don't have them handy to look at right now.

In a message dated 10/11/2011 08:07:31 AM Central Daylight Time,
rbethman@... writes:
> Tom,
>
> The "mod" to use the BC-939(*) on LF is in TM 11-826, starting on page 43.
>
> The vacuum caps are the MAIN change. There is ONE wire added.
>
> The other change is on the PA deck of the transmitter. This MUST only
> be used for the 160 range of operations! It MUST be removed for
> operation above this range or damage will be done!
>
> Bob - N0DGN
>
> On 10/11/2011 8:35 AM, Tom Bridgers wrote:
> >Good morning, Roger.Would you be willing to send me the PDF files on the
> mods to usethe BC-939 on the LF bands?
> >Many thanks,-Tom KE4RHH
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4711. Re: [T-368_BC-610] Re: 939

Yahoo group: T-368_BC-610
Date: 2011-10-11 16:01:23 UTC
From: rbethman
Topic: 4703  Message: 4711

The MC-509 is Chapter 4 of TM 11-826.

It specifically covers the BC-939(*), and the RF deck mod for the
resistor and choke.

Bob - N0DGN

On 10/11/2011 11:55 AM, wa5cab@... wrote:
>
> The instructions for modification of the BC-610 are also in TM 11-280
> Change 1, 08 September 1944, in the section on Frequency Conversion
> Kit MC-509.
> The antenna tuner mods apply specifically to the BC-729. I'm pretty sure
> that the ones applying to BC-939 are in one of the changes or
> supplements to
> TM 11-281, but I don't have them handy to look at right now.
>
> In a message dated 10/11/2011 08:07:31 AM Central Daylight Time,
> rbethman@... <mailto:rbethman%40comcast.net> writes:
> > Tom,
> >
> > The "mod" to use the BC-939(*) on LF is in TM 11-826, starting on
> page 43.
> >
> > The vacuum caps are the MAIN change. There is ONE wire added.
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> > The other change is on the PA deck of the transmitter. This MUST only
> > be used for the 160 range of operations! It MUST be removed for
> > operation above this range or damage will be done!
> >
> > Bob - N0DGN
> >
> > On 10/11/2011 8:35 AM, Tom Bridgers wrote:
> > >Good morning, Roger.Would you be willing to send me the PDF files
> on the
> > mods to usethe BC-939 on the LF bands?
> > >Many thanks,-Tom KE4RHH
> >
>
> Robert Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
> [Non-text portions of this message have been removed]
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+----------------------------------------------------------------+
| AM Amateur Radio Operator NØDGN |
+----------------------------------------------------------------+
| http://home.comcast.net/~rbethman/ |
+----------------------------------------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| \\ ~ ~ // signal does *NOT* mean |
| rbethman@... (/ @ @ /) that everything is OK " |
+----------------------o00o---°(_)°---o00o-------------------------+

[Non-text portions of this message have been removed]

# 4712. Re: [T-368_BC-610] AM-141 RF AMP

Yahoo group: T-368_BC-610
Date: 2011-10-08 02:48:33 UTC
From: wa5cab@cs.com
Topic: 4686  Message: 4712

Sorry, but as I wrote earlier from memory, that is not correct. It indeed IS NOT a linear amplifier. TM 11-624 dated 18 December 1953 page 218, "Section IV. THEORY OF AMPLIFIER AM-141(*)/MRC", paragraph 149. "General", second sentence, reads as follows:

"The r-f section is a class C r-f amplifier using two type 833A triodes connected in push-pull."

Several sentences on, it reads:

"A bias power supply provides the proper negative voltage for operating the amplifier as class C."

Any web sites saying that AM-141 is a linear are repeating urban myth.

In a message dated 10/07/2011 12:05:50 PM Central Daylight Time, rbethman@... writes:
> It indeed IS a linear amplifier.
>
> It is NOT Class C
>
> Bob - N0DGN
>
> On 10/7/2011 12:50 PM, John King wrote:
> >
> >I thought the AM 141 was a linear Amp, not Class C. I have a potted
> >power transformer from one. Maybe I mis read. 73, John, K5PGW
> >
> >--- On Fri, 10/7/11, wa5cab@... <mailto:wa5cab%40cs.com>
> ><wa5cab@... <mailto:wa5cab%40cs.com>> wrote:
> >
> >From: wa5cab@... <mailto:wa5cab%40cs.com> <wa5cab@...
> ><mailto:wa5cab%40cs.com>>
> >Subject: Re: [T-368_BC-610] AM-141 RF AMP
> >To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> >Date: Friday, October 7, 2011, 8:00 AM
> >
> >
> >
> >It was part of AN/MRC-2 and -2A. The AM-141/MRC-2 had a pair of 833A's in
> >
> >push-pull Class C. Rated 2 KW output.
> >

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)

MVPA 9480

[Non-text portions of this message have been removed]

# 4713. Re: [T-368_BC-610] AM-141 RF AMP

Yahoo group: T-368_BC-610
Date: 2011-10-15 16:55:47 UTC
From: rbethman
Topic: 4686  Message: 4713

Are you going to make the NUMEROUS TMs available for download?

TMs not readily available to look at make it a moot point.

Since no one but you seem to have them.

N0DGN

On 10/7/2011 10:48 PM, wa5cab@... wrote:
>
> Sorry, but as I wrote earlier from memory, that is not correct. It indeed
> IS NOT a linear amplifier. TM 11-624 dated 18 December 1953 page 218,
> "Section IV. THEORY OF AMPLIFIER AM-141(*)/MRC", paragraph 149.
> "General", second
> sentence, reads as follows:
>
> "The r-f section is a class C r-f amplifier using two type 833A triodes
> connected in push-pull."
>
> Several sentences on, it reads:
>
> "A bias power supply provides the proper negative voltage for
> operating the
> amplifier as class C."
>
> Any web sites saying that AM-141 is a linear are repeating urban myth.
>
> In a message dated 10/07/2011 12:05:50 PM Central Daylight Time,
> rbethman@... <mailto:rbethman%40comcast.net> writes:
> > It indeed IS a linear amplifier.
> >
> > It is NOT Class C
> >
> > Bob - N0DGN
>

[Non-text portions of this message have been removed]

# 4714. Re: [T-368_BC-610] AM-141 RF AMP

Yahoo group: T-368_BC-610
Date: 2011-10-15 17:14:25 UTC
From: wa5cab@cs.com
Topic: 4686  Message: 4714

Nope. Major philanthropy is great, when you can afford it. I can't.
Selling a few manuals is one of many ways we've managed to mostly keep the bills
paid through 13 years of unemployment. Which isn't to say that I don't
often send someone a schematic or similar if that's all that they need and no
one else already did. Besides, I was quoting from an original. I've never
scanned TM 11-624.

In a message dated 10/15/2011 11:55:48 AM Central Daylight Time,
rbethman@... writes:
> Are you going to make the NUMEROUS TMs available for download?
>
> TMs not readily available to look at make it a moot point.
>
> Since no one but you seem to have them.
>
> N0DGN
>
> On 10/7/2011 10:48 PM, wa5cab@... wrote:
> >> Sorry, but as I wrote earlier from memory, that is not correct. It
>> indeed
>> IS NOT a linear amplifier. TM 11-624 dated 18 December 1953 page 218,
>> "Section IV. THEORY OF AMPLIFIER AM-141(*)/MRC", paragraph 149.
>> "General", second
>> sentence, reads as follows:
>>
>> "The r-f section is a class C r-f amplifier using two type 833A triodes
>> connected in push-pull."
>>
>> Several sentences on, it reads:
>>
>> "A bias power supply provides the proper negative voltage for operating
>> the
>> amplifier as class C."
>>
>> Any web sites saying that AM-141 is a linear are repeating urban myth.
>>
>> In a message dated 10/07/2011 12:05:50 PM Central Daylight Time,
>> rbethman@... writes:
>> >It indeed IS a linear amplifier.
>> >
>> >It is NOT Class C
>> >
>> >Bob - N0DGN
>>
>>

>>
>>
>>
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4715. Lookee what I found!

Yahoo group: T-368_BC-610
Date: 2011-10-17 23:19:30 UTC
From: ralph
Topic: 4715  Message: 4715

220874493229

Like you don't know where,

Joe

# 4716. Re: [T-368_BC-610] Lookee what I found!

Yahoo group: T-368_BC-610
Date: 2011-10-17 23:40:41 UTC
From: wa5cab@cs.com
Topic: 4715  Message: 4716

That showed up on another list this morning. Supposedly, there should (in a complete unit) be another T-368. And the one receiver included should be an R-390 or R-390A instead of a civilian SP-600. However, it would be an interesting set.

In a message dated 10/17/2011 18:19:35 PM Central Daylight Time, redmenaced@... writes:
> 220874493229
>
> Like you don't know where,
>
> Joe

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4717. hooray

Yahoo group: T-368_BC-610
Date: 2011-10-20 18:29:43 UTC
From: Alan Morriss
Topic: 4717  Message: 4717

hello guys , at last ! the BC610 is now firing on all cylinders. the RF choke which roger G3VKM put me on to did the trick . i lost the nut on the tank coil centre tap when i removed the connection from the choke, but managed to find a fixing ring from an old switch which had the same thread and was thin enough. unfortunately a couple of the main screw in fuses went at the time, so i am down to my last 3 .
all i have to do now is to put up an antenna. i have decided to use my 38 ft bantex vertical mounted on the roof of the tank shed just over where the truck is parked . that should match ok with the BC939 . i have a spare RF choke , as i got 2 . if anyone is desperate for one , let me know. cheers, alan G4GEN

[Non-text portions of this message have been removed]

# 4718. (no subject)

Yahoo group: T-368_BC-610
Date: 2011-10-20 23:50:18 UTC
From: Robert Young
Topic: 4718  Message: 4718

http://imenden.kvartira.bg/viton.php

[Non-text portions of this message have been removed]

# 4719. Re: [R-390] Robert Young/list distributing emails containing a known malware installation site URL

Yahoo group: T-368_BC-610
Date: 2011-10-21 00:23:12 UTC
From: Joe Foley
Topic: 4719  Message: 4719

Thank you, that's what I suspected but did not know for sure.

Mr. Young is removed from the list.

Joe, List owner/moderator

--- On Thu, 10/20/11, mlmccauley@... <mlmccauley@...> wrote:

From: mlmccauley@... <mlmccauley@...>
Subject: [R-390] Robert Young/list distributing emails containing a known malware installation site URL
To: R-390@...
Date: Thursday, October 20, 2011, 8:08 PM

R-390 folk,

Luckily, AVG nailed it and blocked the malware install.  Others may not be as lucky.  Might oughta check this out.

Generally (but not always), what this means is that Mr. Young's computer is infected, and the virus is attempting to spread itself using entries in his email address book.

If anyone clicked on this URL (less the X)

http://omniscalaX.home.pl/viton.php

and your anti-virus didn't catch it, you're probably infected as well.

If that's the case, I suggest that you Google "housecall" (one word) and run the know safe, free test at Trend Micro to see what's up.

Good luck, and

73,

Mike, WB5MYY

------------------------------------------------------------------
R-390 mailing list
Home: http://mailman.qth.net/mailman/listinfo/r-390
Help: http://mailman.qth.net/mmfaq.htm
Post: mailto:R-390@...h.net

This list hosted by: http://www.qsl.net
Please help support this email list: http://www.qsl.net/donate.html

[Non-text portions of this message have been removed]

# 4720. Re: hooray

Yahoo group: T-368_BC-610
Date: 2011-10-21 06:30:51 UTC
From: Roger Basford
Topic: 4717  Message: 4720

Hi Alan,

Glad to hear the '610 is sorted. I may have some spare fuses, as a group member very kindly sent me a box or two a few years ago. I'm in Norway at the moment but will be home next week, so will have a look then.

I'd be careful to check if that Bantex whip is just a straight element, as some of the marine types I used to work on had a helical construction in the lower part of the whip, that provided a loading coil effect. I've a feeling that I still have a Bantex catalogue stashed somewhere which gives the details.

73

Roger Basford/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello guys , at last ! the BC610 is now firing on all cylinders. the RF choke which roger G3VKM put me on to did the trick . i lost the nut on the tank coil centre tap when i removed the connection from the choke, but managed to find a fixing ring from an old switch which had the same thread and was thin enough. unfortunately a couple of the main screw in fuses went at the time, so i am down to my last 3 .
> all i have to do now is to put up an antenna. i have decided to use my 38 ft bantex vertical mounted on the roof of the tank shed just over where the truck is parked . that should match ok with the BC939 . i have a spare RF choke , as i got 2 . if anyone is desperate for one , let me know. cheers, alan G4GEN
>
>
> [Non-text portions of this message have been removed]
>

# 4721. bantex

Yahoo group: T-368_BC-610
Date: 2011-10-21 07:50:42 UTC
From: Alan Morriss
Topic: 4721  Message: 4721

hello roger, thanks for the offer. i must get a box of them myself . the bantex whip is fairly hefty. it is made of a sort of translucent material , and is about 2 " in diameter at the bottom . it looks like a straight conductor inside. there is a large porcelain insulator for the base which it screws into. also have the plate for attatching guys 2/3 up. my son has to replace a cracked asbestos sheet on the roof, so they will be up there anyway. cheers, alan

[Non-text portions of this message have been removed]

# 4722. problem

Yahoo group: T-368_BC-610
Date: 2011-10-21 20:14:46 UTC
From: Alan Morriss
Topic: 4722  Message: 4722

hello guys , well , when i said that the BC610 was going ok , i was not quite correct. when i fixed up an antenna i soon found out. the dip in the plate current is in the wrong place on the dial and much too deep. it drops to around 30 ma . nothing which is done to the coupling or the BC939 makes any difference.the exciter is fine and on the right frequency. i have tried both 40 and 80 and it is the same. i have a nasty feeling that the 250 TH has been damaged . any ideas ? alan G4GEN

[Non-text portions of this message have been removed]

# 4723. Re: [T-368_BC-610] problem

Yahoo group: T-368_BC-610
Date: 2011-10-21 20:26:35 UTC
From: rbethman
Topic: 4722  Message: 4723

My guess is what all you did in the PA, not to mention the "funny"
peculiar mod to use the whip that far away from the 939.

Bob - N0DGN

On 10/21/2011 4:14 PM, Alan Morriss wrote:
>
> hello guys , well , when i said that the BC610 was going ok , i was
> not quite correct. when i fixed up an antenna i soon found out. the
> dip in the plate current is in the wrong place on the dial and much
> too deep. it drops to around 30 ma . nothing which is done to the
> coupling or the BC939 makes any difference.the exciter is fine and on
> the right frequency. i have tried both 40 and 80 and it is the same. i
> have a nasty feeling that the 250 TH has been damaged . any ideas ?
> alan G4GEN
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 4724. reply

Yahoo group: T-368_BC-610
Date: 2011-10-21 21:26:05 UTC
From: Alan Morriss
Topic: 4438  Message: 4724

hello , well i have not done any mods to the BC939. all i was using was a 15 ft bit of wire to test the BC610 . i would never mod any www stuff. looking at the problems , i do not think we will be able to mount the whip on the roof. i will just put a feed through in the roof above the truck and use a long wire. 250THs cost a lot of money ! i have a spare somewhere though.i will try it tomorrow. cheers, alan

[Non-text portions of this message have been removed]

# 4725. Re: reply

Yahoo group: T-368_BC-610
Date: 2011-10-22 11:36:52 UTC
From: Roger Basford
Topic: 4438  Message: 4725

Alan,

Are you sure that the antenna shorting relay is opening when you go to transmit? I had exactly the same issue with mine and that gave me a very deep dip and no output.

Roger/G3VKM

--- In T-368_BC-610@...m, "Alan Morriss" <mohawk@...> wrote:
>
> hello , well i have not done any mods to the BC939. all i was using was a 15 ft bit of wire to test the BC610 . i would never mod any www stuff. looking at the problems , i do not think we will be able to mount the whip on the roof. i will just put a feed through in the roof above the truck and use a long wire. 250THs cost a lot of money ! i have a spare somewhere though.i will try it tomorrow. cheers, alan
>
> [Non-text portions of this message have been removed]
>

# 4726. FS: KW Isolation xfmr

Yahoo group: T-368_BC-610
Date: 2011-10-22 21:41:29 UTC
From: Bry Carling
Topic: 4726  Message: 4726

FOR SALE:

1000 watt Isolation Transformer. for 120V AC.

by Northlake Engineering Co. This is a 1:1 transformer.
120V AC in = 120V AC out. Very conservatively rated.
Actually is rated for 12 Amps (1400 watts.)

Has four IEC outlets and heavy duty power cable.
Heavy gauge, light gray metal case with rubber feet.
Like new condition. Supplied with cables.

Has a nice breaker switch for power ON/OFF.

Available for $45.00 plus shipping

[Non-text portions of this message have been removed]

# 4727. RE: [T-368_BC-610] Re: reply

Yahoo group: T-368_BC-610
Date: 2011-10-23 04:09:26 UTC
From: Bill Harris
Topic: 4438  Message: 4727

That's what it look like when you disconnect the antenna. Nice deeep dip.Carry onBill-w7kxb

To: T-368_BC-610@yahoogroups.com
From: Roger@...
Date: Sat, 22 Oct 2011 11:36:52 +0000
Subject: [T-368_BC-610] Re: reply

Alan,

Are you sure that the antenna shorting relay is opening when you go to transmit? I had exactly the same issue with mine and that gave me a very deep dip and no output.

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:

>

> hello , well i have not done any mods to the BC939. all i was using was a 15 ft bit of wire to test the BC610 . i would never mod any www stuff. looking at the problems , i do not think we will be able to mount the whip on the roof. i will just put a feed through in the roof above the truck and use a long wire. 250THs cost a lot of money ! i have a spare somewhere though.i will try it tomorrow. cheers, alan

>

[Non-text portions of this message have been removed]

# 4728. Re: [T-368_BC-610] Re: reply

Yahoo group: T-368_BC-610
Date: 2011-10-23 04:27:29 UTC
From: wa5cab@cs.com
Topic: 4438  Message: 4728

Yes, but it doesn't significantly change the position of the capacitor at
the dip. I'm not sure what shorting the output would do in that regard.

In a message dated 10/22/2011 23:12:23 PM Central Daylight Time,
w7kxb@... writes:
>
> That's what it look like when you disconnect the antenna. Nice deeep
> dip.Carry onBill-w7kxb
>
> To: T-368_BC-610@yahoogroups.com
> From: Roger@...
> Date: Sat, 22 Oct 2011 11:36:52 +0000
> Subject: [T-368_BC-610] Re: reply
>
> Alan,
>
> Are you sure that the antenna shorting relay is opening when you go to
> transmit? I had exactly the same issue with mine and that gave me a very deep
> dip and no output.
>
> Roger/G3VKM
>
> --- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
> >
>
> >hello , well i have not done any mods to the BC939. all i was using was a
> 15 ft bit of wire to test the BC610 . i would never mod any www stuff.
> looking at the problems , i do not think we will be able to mount the whip on
> the roof. i will just put a feed through in the roof above the truck and
> use a long wire. 250THs cost a lot of money ! i have a spare somewhere
> though.i will try it tomorrow. cheers, alan
>
> >

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4729. Re: [T-368_BC-610] Re: reply

Yahoo group: T-368_BC-610
Date: 2011-10-23 05:58:59 UTC
From: mac
Topic: 4438  Message: 4729

Would act like a shorted turn(s) and lower the inductance of the tank circuit. How much would depend on the number of turns in the link and the tightness of the coupling to the tank coil.

DD

**********
On Oct 22, 2011, at 9:27 PM, wa5cab@... wrote:

> Yes, but it doesn't significantly change the position of the
> capacitor at
> the dip. I'm not sure what shorting the output would do in that
> regard.

[Non-text portions of this message have been removed]

# 4730. relay

Yahoo group: T-368_BC-610
Date: 2011-10-23 12:07:36 UTC
From: Alan Morriss
Topic: 4730  Message: 4730

well mac , it looks like you were spot on. i checked the relay and it is not working . the contacts look a bit burnt as well. i jammed it open , and now i have a lovely dip at about the right place on the dial. so thanks roger ! if anyone has a replacement relay , i would be grateful . i will check if it is the winding and not it getting no voltage , and if the winding has gone i will have it rewound . all i need now is to put up a decent antenna. the bantex whip would be nice and i will see if we could fix the base mounting on to a builder's plank so it could be secured to the roof. thanks everyone for the info . alan

[Non-text portions of this message have been removed]

# 4731. Re: relay

Yahoo group: T-368_BC-610
Date: 2011-10-24 06:34:56 UTC
From: Roger Basford
Topic: 4730  Message: 4731

Hi Alan,

Glad it's OK now. The connecting wires to the relay coil run down to the two-way terminal strip on the rear right hand corner of the modulator deck; on my '610 the connection had become tarnished and wan't making good contact. The power to that tag-strip comes from the main breaker on the rear left of the mod deck, that had a dirty contact too.

The other thing about that relay, which we discussed on here recently, is that the version I have doesn't like 50Hz AC, it buzzes really loudly. I found that I could insert a bridge rectifier and a smoothing capacitor in the supply line and the relay would close OK on DC with no buzz. However, the relay is an AC model so I don't know if I might eventually harm it by that modificaction. If it has an O/C coil it should be easy to rewind, or swap the coil from another relay and improvse a suitable DC supply.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> well mac , it looks like you were spot on. i checked the relay and it is not working . the contacts look a bit burnt as well. i jammed it open , and now i have a lovely dip at about the right place on the dial. so thanks roger ! if anyone has a replacement relay , i would be grateful . i will check if it is the winding and not it getting no voltage , and if the winding has gone i will have it rewound . all i need now is to put up a decent antenna. the bantex whip would be nice and i will see if we could fix the base mounting on to a builder's plank so it could be secured to the roof. thanks everyone for the info . alan
>
> [Non-text portions of this message have been removed]
>

# 4732. Re: [T-368_BC-610] Re: relay

Yahoo group: T-368_BC-610
Date: 2011-10-24 19:08:38 UTC
From: Ken Schwieker
Topic: 4730  Message: 4732

The problem with using dc on an ac relay is that
excessive current might damage (overheat) the
coil as the coil current limiting inductance does
not come into play on dc as it would on ac. If
there is room on the relay iron core you may be
able limit or eliminate the 50 hz buzz by adding
an additional shorted turn of heavy copper wire
which will delay armature movement. There should
already be a copper "shading" turn in place on the relay.

A copper coin or copper piece with a hole cut in
the center that would fit over the core might also work.

Ken S

>The other thing about that relay, which we
discussed on here recently, is that the version I
have doesn't like 50Hz AC, it buzzes really
loudly. I found that I could insert a bridge
rectifier and a >smoothing capacitor in the
supply line and the relay would close OK on DC with no buzz.

At 01:34 AM 10/24/2011, you wrote:
>
>
>Hi Alan,
>
>Glad it's OK now. The connecting wires to the
>relay coil run down to the two-way terminal
>strip on the rear right hand corner of the
>modulator deck; on my '610 the connection had
>become tarnished and wan't making good contact.
>The power to that tag-strip comes from the main
>breaker on the rear left of the mod deck, that had a dirty contact too.
>
>The other thing about that relay, which we
>discussed on here recently, is that the version
>I have doesn't like 50Hz AC, it buzzes really
>loudly. I found that I could insert a bridge
>rectifier and a smoothing capacitor in the
>supply line and the relay would close OK on DC
>with no buzz. However, the relay is an AC model
>so I don't know if I might eventually harm it by
>that modificaction. If it has an O/C coil it
>should be easy to rewind, or swap the coil from
>another relay and improvse a suitable DC supply.

>
>73
>
>Roger/G3VKM
>
>--- In
><mailto:T-368_BC-610%40yahoogroups.com>T-368_BC-610@yahoogroups.com,
>"Alan Morriss" <mohawk@...> wrote:
> >
> > well mac , it looks like you were spot on. i
> checked the relay and it is not working . the
> contacts look a bit burnt as well. i jammed it
> open , and now i have a lovely dip at about the
> right place on the dial. so thanks roger ! if
> anyone has a replacement relay , i would be
> grateful . i will check if it is the winding
> and not it getting no voltage , and if the
> winding has gone i will have it rewound . all i
> need now is to put up a decent antenna. the
> bantex whip would be nice and i will see if we
> could fix the base mounting on to a builder's
> plank so it could be secured to the roof. thanks everyone for the info . alan
> >
> > [Non-text portions of this message have been removed]
> >
>
>

[Non-text portions of this message have been removed]

# 4733. oh well !

Yahoo group: T-368_BC-610
Date: 2011-10-24 19:45:48 UTC
From: Alan Morriss
Topic: 4733  Message: 4733

yesterday the BC610 worked ok . today it is the same as before.i disconnected one of tthe leads from the coupling link to the relay, so no short is possible , but it made no difference. i put in a new unused 250 TH and still no difference. i have given up for tonight . alan G4GEN

[Non-text portions of this message have been removed]

# 4734. Re: [T-368_BC-610] Re: relay

Yahoo group: T-368_BC-610
Date: 2011-10-24 19:49:35 UTC
From: mac
Topic: 4730  Message: 4734

Alan,

You might consider eliminating RY-4 altogether. It's only there to:
"eliminate absorption at the frequency of the transmitter that might
cause an apparent decrease in receiver sensitivity at that
frequency." (TM 11-280, June 1943).

Dennis D. W7QHO
Glendale, CA

**********
On Oct 24, 2011, at 12:08 PM, Ken Schwieker wrote:

> The problem with using dc on an ac relay is that
> excessive current might damage (overheat) the
> coil as the coil current limiting inductance does
> not come into play on dc as it would on ac. If
> there is room on the relay iron core you may be
> able limit or eliminate the 50 hz buzz by adding
> an additional shorted turn of heavy copper wire
> which will delay armature movement. There should
> already be a copper "shading" turn in place on the relay.
>
> A copper coin or copper piece with a hole cut in
> the center that would fit over the core might also work.
>
> Ken S
>
> >The other thing about that relay, which we
> discussed on here recently, is that the version I
> have doesn't like 50Hz AC, it buzzes really
> loudly. I found that I could insert a bridge
> rectifier and a >smoothing capacitor in the
> supply line and the relay would close OK on DC with no buzz.
>
> At 01:34 AM 10/24/2011, you wrote:
> >
> >
> >Hi Alan,
> >
> >Glad it's OK now. The connecting wires to the
> >relay coil run down to the two-way terminal
> >strip on the rear right hand corner of the
> >modulator deck; on my '610 the connection had
> >become tarnished and wan't making good contact.
> >The power to that tag-strip comes from the main

> >breaker on the rear left of the mod deck, that had a dirty contact
> too.
> >
> >The other thing about that relay, which we
> >discussed on here recently, is that the version
> >I have doesn't like 50Hz AC, it buzzes really
> >loudly. I found that I could insert a bridge
> >rectifier and a smoothing capacitor in the
> >supply line and the relay would close OK on DC
> >with no buzz. However, the relay is an AC model
> >so I don't know if I might eventually harm it by
> >that modificaction. If it has an O/C coil it
> >should be easy to rewind, or swap the coil from
> >another relay and improvse a suitable DC supply.
> >
> >73
> >
> >Roger/G3VKM
> >
> >--- In
> ><mailto:T-368_BC-610%40yahoogroups.com>T-368_BC-610@yahoogroups.com,
> >"Alan Morriss" <mohawk@...> wrote:
> > >
> > > well mac , it looks like you were spot on. i
> > checked the relay and it is not working . the
> > contacts look a bit burnt as well. i jammed it
> > open , and now i have a lovely dip at about the
> > right place on the dial. so thanks roger ! if
> > anyone has a replacement relay , i would be
> > grateful . i will check if it is the winding
> > and not it getting no voltage , and if the
> > winding has gone i will have it rewound . all i
> > need now is to put up a decent antenna. the
> > bantex whip would be nice and i will see if we
> > could fix the base mounting on to a builder's
> > plank so it could be secured to the roof. thanks everyone for the
> info . alan
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> >
> >
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 4735. (no subject)

Yahoo group: T-368_BC-610
Date: 2011-10-24 21:19:26 UTC
From: Alan Morriss
Topic: 4735  Message: 4735

hello mac , that was my intention. it is not doing anything now as it is only connected to one side of the output link . i took off the easy to get at one ! i do not see what i can do now. instead of the dip being relatively shallow and around 30 on the dial, it is deep and around 60 . disconnecting the 939 and removing the tank coil gives infinity on a meter across the antenna terminals. so there is no short . what baffles me is that it worked yesterday with the correct dip. the PA grid current is around 100 ma which is ok .
on another tack , the new 250 TH has a much larger top cap than the old one , and has a brass adaptor to fit the clip . it looks rather splendid and gleaming . however it made no difference whatsoever. no doubt the solution will pop up some time. alan

[Non-text portions of this message have been removed]

# 4736. Re: [T-368_BC-610]

Yahoo group: T-368_BC-610
Date: 2011-10-24 23:03:04 UTC
From: mac
Topic: 4735  Message: 4736

On Oct 24, 2011, at 2:19 PM, Alan Morriss wrote:

> hello mac , that was my intention. it is not doing anything now as
> it is only connected to one side of the output link . i took off the
> easy to get at one ! i do not see what i can do now. instead of the
> dip being relatively shallow and around 30 on the dial, it is deep
> and around 60 .
>
Alan,

OK, back down to 60 (more capacity needed to resonate), that would indicate a shorted link again. First thing I would do is disconnect the 939 at the transmitter and see where the dip comes comes in. If somewhere around 30 you have a problem in the tuner or the cable going to it. If, on the other hand, the dip is still at 60 the problem would seem to be somewhere on the tank coil assembly itself.

> disconnecting the 939 and removing the tank coil gives infinity on a
> meter across the antenna terminals. so there is no short . what
> baffles me is that it worked yesterday with the correct dip. the PA
> grid current is around 100 ma which is ok .
> on another tack , the new 250 TH has a much larger top cap than the
> old one , and has a brass adaptor to fit the clip . it looks rather
> splendid and gleaming . however it made no difference whatsoever. no
> doubt the solution will pop up some time. alan
>

Doesn't sound like a tube problem.

Dennis D. W7QHO
Glendale, CA

>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 4737. problem

Yahoo group: T-368_BC-610
Date: 2011-10-25 09:41:47 UTC
From: Alan Morriss
Topic: 4722  Message: 4737

hello mac , well , i disconnected the 939 and same result. i then connected it up again and removed the connector from the tx end. no change. it is just the same on both 80 and 40. i must have done something wrong when i installed the rf choke, but i cannot see what it is . when i can get round to it i will have a good look. it is driving me mad ! alan

[Non-text portions of this message have been removed]

# 4738. Re: [T-368_BC-610] problem

Yahoo group: T-368_BC-610
Date: 2011-10-25 10:30:56 UTC
From: Geoff Edmonson
Topic: 4722  Message: 4738

--- On Tue, 10/25/11, Alan Morriss <mohawk@...> wrote:

> From: Alan Morriss <mohawk@...>
> Subject: [T-368_BC-610] problem
> To: T-368_BC-610@yahoogroups.com
> Date: Tuesday, October 25, 2011, 2:41 AM
> hello mac , well , i disconnected the
> 939 and same result. i then connected it up again and
> removed the connector from the tx end. no change. it is just
> the same on both 80 and 40. i must have done something wrong
> when i installed the rf choke, but i cannot see what it is .
> when i can get round to it i will have a good look. it is
> driving me mad ! alan

HAng on, Alan... You said you had RF out of it, when you forced open (or closed, I dont remember) the relay, right? IT's not the cause of anything connected to the antenna... you're not getting RF out of the link. Check the connections on the jack-bar that the coil plugs into. Check the link - make sure both sides are connected. Trace the wires from the jack-bar to the antenna terminals. Address and check whatever is in between, then make sure the connections to the antenna terminals are spot-on.

The final is dipping so low (I never pay attention to -where- ... variations on load/antenna will make that final load in different positions) because it doesn't have a load on it. It's acting as if there's no antenna connected.

73 = Best Regards,
-Geoff/W5OMR

# 4739. problem

Yahoo group: T-368_BC-610
Date: 2011-10-25 13:29:19 UTC
From: Alan Morriss
Topic: 4722  Message: 4739

hello geoff , yes , it was fine , and the dip was in the right spot on the dial. i had just jammed the relay open with a bit of wood. next day i did a proper job with a strip of paxolin between the contacts of the relay, and it has never worked since. i have disconnected the lead from the output link to the relay , and it still is the same. as you say it is performing as if no antenna was connected. it has to be something unbelievably simple. i want to keep the relay, as we use it mostly with the whip antennas . cheers, alan

[Non-text portions of this message have been removed]

# 4740. Re: [T-368_BC-610] problem

Yahoo group: T-368_BC-610
Date: 2011-10-26 16:04:36 UTC
From: rbethman
Topic: 4722  Message: 4740

Alan,

Since you replaced CH4, the choke, have you checked R9?

Normally they BOTH go poof!

Bob - N0DGN

On 10/25/2011 9:29 AM, Alan Morriss wrote:
>
> hello geoff , yes , it was fine , and the dip was in the right spot on
> the dial. i had just jammed the relay open with a bit of wood. next
> day i did a proper job with a strip of paxolin between the contacts of
> the relay, and it has never worked since. i have disconnected the lead
> from the output link to the relay , and it still is the same. as you
> say it is performing as if no antenna was connected. it has to be
> something unbelievably simple. i want to keep the relay, as we use it
> mostly with the whip antennas . cheers, alan
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 4741. R9

Yahoo group: T-368_BC-610
Date: 2011-10-26 17:27:33 UTC
From: Alan Morriss
Topic: 4741  Message: 4741

i never thought of that bob , thanks. i will check it tomorroow . alan

[Non-text portions of this message have been removed]

# 4742. FSL: 6146 tubes

Yahoo group: T-368_BC-610
Date: 2011-10-26 18:59:44 UTC
From: Bry Carling
Topic: 4742  Message: 4742

For Sale:

Two pairs of good used / tested tubes. These look very good. The 6146Ws may be new, and look very nice, but have no boxes.

Pair of RCA 6146 tubes - $12.00 plus shipping

Pair G.E. 6146W tubes - $20.00 plus shipping

Thanks for looking - 73 de AF4K, Brian Carling

[Non-text portions of this message have been removed]

# 4743. reply

Yahoo group: T-368_BC-610
Date: 2011-10-26 19:17:35 UTC
From: Alan Morriss
Topic: 4438  Message: 4743

hello bob , it looked ok to me so i did not check it. i will have a really good look tomorrow , i thought that i had put everything back as it was . cheers, alan

[Non-text portions of this message have been removed]

# 4744. Re: [T-368_BC-610] reply

Yahoo group: T-368_BC-610
Date: 2011-10-26 19:21:55 UTC
From: rbethman
Topic: 4438  Message: 4744

This is a case where "looks" okay doesn't get it!

Have to lift one end and test with a VOM or VTVM.

Bob - N0DGN

On 10/26/2011 3:17 PM, Alan Morriss wrote:
>
> hello bob , it looked ok to me so i did not check it. i will have a
> really good look tomorrow , i thought that i had put everything back
> as it was . cheers, alan
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 4745. R9

Yahoo group: T-368_BC-610
Date: 2011-10-29 17:13:11 UTC
From: Alan Morriss
Topic: 4741  Message: 4745

hello , i canot find the wattage of R9 the shunt resistor for the RF choke. all i can find is the value which is 700 ohms. does anyone know ? i am going to try one which i have which is about 2 watts.cheers, alan

[Non-text portions of this message have been removed]

# 4746. Re: [T-368_BC-610] R9

Yahoo group: T-368_BC-610
Date: 2011-10-29 17:49:05 UTC
From: rbethman
Topic: 4741  Message: 4746

According to TM 11-281, page 5.

R9 is 20 Watts.

Bob - N0DGN

On 10/29/2011 1:13 PM, Alan Morriss wrote:
>
> hello , i canot find the wattage of R9 the shunt resistor for the RF
> choke. all i can find is the value which is 700 ohms. does anyone know
> ? i am going to try one which i have which is about 2 watts.cheers, alan
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 4747. RESISTOR

Yahoo group: T-368_BC-610
Date: 2011-10-29 20:41:17 UTC
From: Alan Morriss
Topic: 4747  Message: 4747

hello bob , thanks. i saw that value , but it was on the next page after the schematic , so i was not sure. i should be able to get one . i will just give it a try with the one i have and see. it obviously would not do for long. cheers, alan

[Non-text portions of this message have been removed]

# 4748. Re: R9

Yahoo group: T-368_BC-610
Date: 2011-10-29 22:15:30 UTC
From: Roger Basford
Topic: 4741  Message: 4748

Odd that they used a wire-wound resistor in that application? I may be able to help, Alan if you get stuck. Have a large junk box with a few 100 w/w resistors but you may have to use more than one item to get the right value, which I doubt is critical.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@...> wrote:
>
> According to TM 11-281, page 5.
>
> R9 is 20 Watts.
>
> Bob - N0DGN
>
> On 10/29/2011 1:13 PM, Alan Morriss wrote:
> >
> > hello , i canot find the wattage of R9 the shunt resistor for the RF
> > choke. all i can find is the value which is 700 ohms. does anyone know
> > ? i am going to try one which i have which is about 2 watts.cheers, alan
> >
> > [Non-text portions of this message have been removed]
> >
>
>
> [Non-text portions of this message have been removed]
>

# 4749. Re: [T-368_BC-610] Re: R9

Yahoo group: T-368_BC-610
Date: 2011-10-30 00:18:11 UTC
From: mac
Topic: 4741  Message: 4749

My SCR-299 manual (TM 11-280, 22 June 43) lists R9 as 700 ohms, 20W, type X1022 which could have been a non-inductive unit. R9 is also identified as a "parasitic suppressor" in the text (page 63). Several other 20 w units listed but none with that type identifier. The transmitter might operate OK without it. The plate circuit for the BC-610 is standard for the period and I have not seen a resistor placed thus in any of the various handbooks and texts in my library. Note that the BC-610 was intended to operate over a wide frequency range. The resister may have been found to be required to suppress a parasitic or other instability at some frequency(s) and/or operating conditions and maybe only with some units but all got the treatment to be safe. My surmise anyway...

Dennis D. W7QHO
Glendale, CA

**********
On Oct 29, 2011, at 3:15 PM, Roger Basford wrote:

> Odd that they used a wire-wound resistor in that application? I may
> be able to help, Alan if you get stuck. Have a large junk box with a
> few 100 w/w resistors but you may have to use more than one item to
> get the right value, which I doubt is critical.
>
> 73
>
> Roger/G3VKM
>
> --- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@...> wrote:
> >
> > According to TM 11-281, page 5.
> >
> > R9 is 20 Watts.
> >
> > Bob - N0DGN
> >
> > On 10/29/2011 1:13 PM, Alan Morriss wrote:
> > >
> > > hello , i canot find the wattage of R9 the shunt resistor for
> the RF
> > > choke. all i can find is the value which is 700 ohms. does
> anyone know
> > > ? i am going to try one which i have which is about 2
> watts.cheers, alan
> > >
> > > [Non-text portions of this message have been removed]

> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>

[Non-text portions of this message have been removed]

# 4750. Re: R9

Yahoo group: T-368_BC-610
Date: 2011-10-30 09:33:29 UTC
From: Roger Basford
Topic: 4741  Message: 4750

Hi Dennis,

Just had a look at R9 in my rig (by shining a torch through the side louvers) and it would appear to be a standard wire-wound type. I can see it might have been fitted to swamp any spurii generated by the choke.

I still think Alan's "deep-dip" problem is related to the output link circuit or beyond that point.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, mac <w7qho@...> wrote:
>
> My SCR-299 manual (TM 11-280, 22 June 43) lists R9 as 700 ohms, 20W,
> type X1022 which could have been a non-inductive unit. R9 is also
> identified as a "parasitic suppressor" in the text (page 63). Several
> other 20 w units listed but none with that type identifier. The
> transmitter might operate OK without it. The plate circuit for the
> BC-610 is standard for the period and I have not seen a resistor
> placed thus in any of the various handbooks and texts in my library.
> Note that the BC-610 was intended to operate over a wide frequency
> range. The resister may have been found to be required to suppress a
> parasitic or other instability at some frequency(s) and/or operating
> conditions and maybe only with some units but all got the treatment to
> be safe. My surmise anyway...
>
> Dennis D. W7QHO
> Glendale, CA
>
> **********
> On Oct 29, 2011, at 3:15 PM, Roger Basford wrote:
>
> > Odd that they used a wire-wound resistor in that application? I may
> > be able to help, Alan if you get stuck. Have a large junk box with a
> > few 100 w/w resistors but you may have to use more than one item to
> > get the right value, which I doubt is critical.
> >
> > 73
> >
> > Roger/G3VKM
> >
> > --- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@> wrote:
> > >
> > > According to TM 11-281, page 5.

> > >
> > > R9 is 20 Watts.
> > >
> > > Bob - N0DGN
> > >
> > > On 10/29/2011 1:13 PM, Alan Morriss wrote:
> > > >
> > > > hello , i canot find the wattage of R9 the shunt resistor for
> > the RF
> > > > choke. all i can find is the value which is 700 ohms. does
> > anyone know
> > > > ? i am going to try one which i have which is about 2
> > watts.cheers, alan
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> >
> >
> [Non-text portions of this message have been removed]
>

# 4751. R9

Yahoo group: T-368_BC-610
Date: 2011-10-30 09:47:19 UTC
From: Alan Morriss
Topic: 4741  Message: 4751

hello , i am starting to think that what is happening is parasitic oscillation and that the dip is coming at a point which is a resultant of the two . this would explain it . later i am going to try the resistor . i have just soldered a couple of crocodile clips on the leads so i can put it straight across the choke. if this does not work , heaven knows what to try next. it was working perfectly before , and all that has changed is the type of choke . alan

[Non-text portions of this message have been removed]

# 4752. problem

Yahoo group: T-368_BC-610
Date: 2011-10-30 12:22:38 UTC
From: Alan Morriss
Topic: 4722  Message: 4752

hello roger, i do not see how it can be. all connections are fine. with the tank coil removed the resistance measured from the BC939 end of the connector is infinity. with the coil in it is zero . the 939 itself is fine . resistance measured from the link sockets with it connected is also about zero. it was fine before the incident and working well. nothing has been done. i will let you know what the result is with the resistor in place. if you can find a wirewound R9 , that would be great . cheers, alan

[Non-text portions of this message have been removed]

# 4753. R9

Yahoo group: T-368_BC-610
Date: 2011-10-30 15:29:49 UTC
From: Alan Morriss
Topic: 4741  Message: 4753

well ! here's something. with the resistor in place there was no dip at all. removing it ant the dip was back to about 67 . it obviously has to be a wirewound one. alan

[Non-text portions of this message have been removed]

# 4754. 610

Yahoo group: T-368_BC-610
Date: 2011-10-30 18:05:11 UTC
From: Alan Morriss
Topic: 4367  Message: 4754

hello geoff , i checked all resistances , and it is near enough zero from both jackbar sockets to the output terminals. fitting the coax connector, it is zero to the 939 end from the appropriate jackbar socket. between them it is infinity . connecting the 939, between the jackbar sockets resistance is almost zero . there is nothing wrong there .nothing has been changed except fitting the replacement choke. as i said , before the old one failed the 610 was going really well .the new choke is of a different design to the old one . it has 6 thin sections instead of the 4 in the old one. that had 2 thin outers and 2 thick inners . maybe the new choke has a much higher Q . i am going to try and find a 700 ohm 20 w wirewound resistor tomorrow. alan

[Non-text portions of this message have been removed]

# 4755. RE: [T-368_BC-610] 610

Yahoo group: T-368_BC-610
Date: 2011-10-30 22:07:55 UTC
From: Bill Harris
Topic: 4367  Message: 4755

If my fading memory is serving me rightly, today, I use to make up my own suppressor by winding a few turns around a carbon resistor. Or was it a WW?There it goes again. (Memory that is.)Carry-onBill-w7kxb

To: T-368_BC-610@yahoogroups.com
From: mohawk@...
Date: Sun, 30 Oct 2011 18:05:11 +0000
Subject: [T-368_BC-610] 610

hello geoff , i checked all resistances , and it is near enough zero from both jackbar sockets to the output terminals. fitting the coax connector, it is zero to the 939 end from the appropriate jackbar socket. between them it is infinity . connecting the 939, between the jackbar sockets resistance is almost zero . there is nothing wrong there .nothing has been changed except fitting the replacement choke. as i said , before the old one failed the 610 was going really well .the new choke is of a different design to the old one . it has 6 thin sections instead of the 4 in the old one. that had 2 thin outers and 2 thick inners . maybe the new choke has a much higher Q . i am going to try and find a 700 ohm 20 w wirewound resistor tomorrow. alan

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4756. Re: [T-368_BC-610] Lookee what I found!

Yahoo group: T-368_BC-610
Date: 2011-10-18 21:22:40 UTC
From: Gary Pewitt
Topic: 4715  Message: 4756

Did you look at his other stuff? 8 pages of grossly overpriced surplus
and imitation surplus junk.

On 10/17/2011 6:19 PM, ralph wrote:
>
> 220874493229
>
> Like you don't know where,
>
> Joe
>
>

--
Gary Pewitt N9ZSV
1500 French Prairie Rd
Booneville, AR 72927

[Non-text portions of this message have been removed]

# 4757. resistor

Yahoo group: T-368_BC-610
Date: 2011-10-31 11:37:28 UTC
From: Alan Morriss
Topic: 4757  Message: 4757

the only resistor which i can find is a 680 ohm 7 watt one. i am going to try it .there is no wirewound 20 watt one available except the ones in an aluminium can , and if i put 2 1.5 K in parallel it will of course halve the inductance. i suppose it all keeps me from getting bored ! alan

[Non-text portions of this message have been removed]

# 4758. Re: [T-368_BC-610] 610

Yahoo group: T-368_BC-610
Date: 2011-10-31 15:13:31 UTC
From: w5kgz@yahoo.com
Topic: 4367  Message: 4758

Will the 610 load to a dummy load? What  is trhe out of resonance on low power 300ma or more ?

---
From: Bill Harris <w7kxb@...>
To: "T-368_BC-610@yahoogroups.com" <t-368_bc-610@yahoogroups.com>
Sent: Sunday, October 30, 2011 5:07 PM
Subject: RE: [T-368_BC-610] 610

If my fading memory is serving me rightly, today, I use to make up my own suppressor by winding a few turns around a carbon resistor. Or was it a WW?There it goes again. (Memory that is.)Carry-onBill-w7kxb

To: T-368_BC-610@yahoogroups.com
From: mohawk@...
Date: Sun, 30 Oct 2011 18:05:11 +0000
Subject: [T-368_BC-610] 610

hello geoff , i checked all resistances , and it is near enough zero from both jackbar sockets to the output terminals. fitting the coax connector, it is zero to the 939 end from the appropriate jackbar socket. between them it is infinity . connecting the 939, between the jackbar sockets resistance is almost zero . there is nothing wrong there .nothing has been changed except fitting the replacement choke. as i said , before the old one failed the 610 was going really well .the new choke is of a different design to the old one . it has 6 thin sections instead of the 4 in the old one. that had 2 thin outers and 2 thick inners . maybe the new choke has a much higher Q . i am going to try and find a 700 ohm 20 w wirewound resistor tomorrow. alan

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4759. 610

Yahoo group: T-368_BC-610
Date: 2011-10-31 17:10:02 UTC
From: Alan Morriss
Topic: 4367  Message: 4759

hi , i have not tried it into a dummy load as the 939 does that . it was perfect before the failure. the current is a little below 300 ma off resonance.l cheers, alan

[Non-text portions of this message have been removed]

# 4760. Re: 610

Yahoo group: T-368_BC-610
Date: 2011-10-31 18:20:06 UTC
From: Roger Basford
Topic: 4367  Message: 4760

Alan,

That seems a bit low to me. I've just checked my rig and get 450-460ma off-resonance. I could probably go a little higher but that would trip the overload relay and I try to avoid that. I get 280ma on resonance on CW into a Marconi 75 Ohm dummy load, but my mains supply is a a little low at 110V. If you have any of the old filament light bulbs try a pair of 100W. I use a single 200W bulb and get full brilliance.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hi , i have not tried it into a dummy load as the 939 does that . it was perfect before the failure. the current is a little below 300 ma off resonance.l cheers, alan
>
> [Non-text portions of this message have been removed]
>

# 4761. Re: [T-368_BC-610] Re: 610

Yahoo group: T-368_BC-610
Date: 2011-10-31 19:08:54 UTC
From: rbethman
Topic: 4367  Message: 4761

Try getting hold of an ME-165.

It has a 400W No Inductive dummy load included.

Bob - N0DGN

On 10/31/2011 2:20 PM, Roger Basford wrote:
>
> Alan,
>
> That seems a bit low to me. I've just checked my rig and get 450-460ma
> off-resonance. I could probably go a little higher but that would trip
> the overload relay and I try to avoid that. I get 280ma on resonance
> on CW into a Marconi 75 Ohm dummy load, but my mains supply is a a
> little low at 110V. If you have any of the old filament light bulbs
> try a pair of 100W. I use a single 200W bulb and get full brilliance.
>
> 73
>
> Roger/G3VKM
>
> --- In T-368_BC-610@yahoogroups.com
> <mailto:T-368_BC-610%40yahoogroups.com>, "Alan Morriss" <mohawk@...>
> wrote:
> >
> > hi , i have not tried it into a dummy load as the 939 does that . it
> was perfect before the failure. the current is a little below 300 ma
> off resonance.l cheers, alan
> >
> > [Non-text portions of this message have been removed]
> >
>
>

--
+-----------------------------------------------------------------+
| AM Amateur Radio Operator NØDGN |
+-----------------------------------------------------------------+
| http://home.comcast.net/~rbethman/ |
+-----------------------------------------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| \\ ~ ~ // signal does *NOT* mean |
| rbethman@... (/ @ @ /) that everything is OK " |
+----------------------o00o---°(_)°---o00o-------------------------+

[Non-text portions of this message have been removed]

# 4762. Re: [T-368_BC-610] R9

Yahoo group: T-368_BC-610
Date: 2011-10-31 23:45:24 UTC
From: Joe Foley
Topic: 4741  Message: 4762

Alan,

Have you gone through the whole transmitter and checked ALL of the grounding points, including the tube sockets???

The cause of your parasitic oscillations may need to be drained off to ground somewhere.

Joe

--- On Sun, 10/30/11, Alan Morriss <mohawk@...> wrote:

From: Alan Morriss <mohawk@...>
Subject: [T-368_BC-610] R9
To: T-368_BC-610@yahoogroups.com
Date: Sunday, October 30, 2011, 5:47 AM

hello , i am starting to think that what is happening is parasitic oscillation and that the dip is coming at a point which is a resultant of the two . this would explain it . later i am going to try the resistor . i have just soldered a couple of crocodile clips on the leads so i can put it straight across the choke. if this does not work , heaven knows what to try next. it was working perfectly before , and all that has changed is the type of choke . alan

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4763. R9

Yahoo group: T-368_BC-610
Date: 2011-11-01 08:15:12 UTC
From: Alan Morriss
Topic: 4741  Message: 4763

hello joe , well , i have done what i can . any more and i would have to remove the tx from the shelter , and that requires at least 4 strong men .it all seems fine however , and when it was out of the shelter last year i went over everything. it had been working beautifully for some time until the choke failed. i was able to have a cw qso with russia on the whip anntenna. i just thought that 40 would be better. the original choke was defective , as half of one of the thick inner sections was wound under the second. in effect it only had 3 sections. i think that fault coupled with there being no R9 was enough to kick off series resonance. it was quite spectacular ! i am off to pick up a 680 ohm 7 watt wirewound resistor this morning and we will see how it goes. it could be that the replacement choke is simply of the wrong value, and i will have to get another .maybe ray could help at the museum , and i could send this one as a replacement. we will see. cheers, alan

[Non-text portions of this message have been removed]

# 4764. Re: R9

Yahoo group: T-368_BC-610
Date: 2011-11-01 18:22:39 UTC
From: Roger Basford
Topic: 4741  Message: 4764

Hi Alan,

I don't think the choke construction should be too critical as long as it's about the right value and can handle the through current OK. Did you say in an earlier that R9 is actually missing? I can see that might give issues if it's not there.

Pity you're so far away, otherwise I'd come over and lend a hand. Of course you could always drive the deuce-and-a-half over here, although my neighbours would no doubt not react too likely to an SCR-399 outside!

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello joe , well , i have done what i can . any more and i would have to remove the tx from the shelter , and that requires at least 4 strong men .it all seems fine however , and when it was out of the shelter last year i went over everything. it had been working beautifully for some time until the choke failed. i was able to have a cw qso with russia on the whip anntenna. i just thought that 40 would be better. the original choke was defective , as half of one of the thick inner sections was wound under the second. in effect it only had 3 sections. i think that fault coupled with there being no R9 was enough to kick off series resonance. it was quite spectacular ! i am off to pick up a 680 ohm 7 watt wirewound resistor this morning and we will see how it goes. it could be that the replacement choke is simply of the wrong value, and i will have to get another .maybe ray could help at the museum , and i could send this one as a replacement. we will see. cheers, alan
>
> [Non-text portions of this message have been removed]
>

# 4765. R9

Yahoo group: T-368_BC-610
Date: 2011-11-01 20:16:15 UTC
From: Alan Morriss
Topic: 4741  Message: 4765

hello roger.yes , there was never one in mine . the choke must have been different . i am sure that is why with another choke it does not work . i have just got 4 680 ohm 7 watt wirewound resistors. i am going to try one tomorrow. my gut feeling is that it will work ok. it should be nice with a new 250 TH . alan

[Non-text portions of this message have been removed]

# 4766. Re: [T-368_BC-610] reply

Yahoo group: T-368_BC-610
Date: 2011-10-21 21:36:32 UTC
From: wa5cab@cs.com
Topic: 4438  Message: 4766

How is the grid current at the new dip compared to before? I haven't looked in that part of a 610-E recently and forget how the wires are physically run versus how they are drawn on the schematic. But check that the HVDC lead goes to the tuning capacitor end of the choke you replaced and not to the coil end. And did you transfer the 700 ohm resistor from the old choke to the new one?

In a message dated 10/21/2011 16:26:12 PM Central Daylight Time, mohawk@... writes:
> hello , well i have not done any mods to the BC939. all i was using was a
> 15 ft bit of wire to test the BC610 . i would never mod any www stuff.
> looking at the problems , i do not think we will be able to mount the whip on
> the roof. i will just put a feed through in the roof above the truck and
> use a long wire. 250THs cost a lot of money ! i have a spare somewhere
> though.i will try it tomorrow. cheers, alan
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4767. Re: [T-368_BC-610] reply

Yahoo group: T-368_BC-610
Date: 2011-11-02 04:13:50 UTC
From: wa5cab@cs.com
Topic: 4438  Message: 4767

Just for the record, I sent this out on 10/21. Where it has been hiding, I have no idea.

In a message dated 11/01/2011 23:04:47 PM Central Daylight Time, wa5cab@... writes:
> How is the grid current at the new dip compared to before? I haven't
> looked in that part of a 610-E recently and forget how the wires are
> physically
> run versus how they are drawn on the schematic. But check that the HVDC
> lead
> goes to the tuning capacitor end of the choke you replaced and not to the
> coil end. And did you transfer the 700 ohm resistor from the old choke to
>
> the new one?
>
> In a message dated 10/21/2011 16:26:12 PM Central Daylight Time,
> mohawk@... writes:
> >hello , well i have not done any mods to the BC939. all i was using was a
>
> >15 ft bit of wire to test the BC610 . i would never mod any www stuff.
> >looking at the problems , i do not think we will be able to mount the
> whip on
> >the roof. i will just put a feed through in the roof above the truck and
> >use a long wire. 250THs cost a lot of money ! i have a spare somewhere
> >though.i will try it tomorrow. cheers, alan
> >
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4768. relay

Yahoo group: T-368_BC-610
Date: 2011-10-22 13:08:41 UTC
From: Alan Morriss
Topic: 4730  Message: 4768

funny thing roger , but that occurred to me last night, and i decided to check it by removing the tank coil and putting a meter across the output terminals . that should indicate it if i then go to transmit.. cheers, alan

[Non-text portions of this message have been removed]

# 4769. Re: [T-368_BC-610] reply

Yahoo group: T-368_BC-610
Date: 2011-11-02 10:31:45 UTC
From: Bry Carling
Topic: 4438  Message: 4769

This is a frequent problem with Yahoogroups.

I have seen them deliver messages to these groups up to 3 or 4 weeks later sometimes!
The explanation has been that it is with groups that are less active. I don't see that to be
the case here at all. I guess Yahoo just uses software that isn't written very well!

> Just for the record, I sent this out on 10/21. Where it has been
> hiding, I
> have no idea.
>
> In a message dated 11/01/2011 23:04:47 PM Central Daylight Time,
> wa5cab@... writes:
> > How is the grid current at the new dip compared to before? I
> haven't
> > looked in that part of a 610-E recently and forget how the wires
> are
> > physically
> > run versus how they are drawn on the schematic. But check that
> the HVDC
> > lead
> > goes to the tuning capacitor end of the choke you replaced and not
> to the
> > coil end. And did you transfer the 700 ohm resistor from the old
> choke to
> >
> > the new one?
> >
> > In a message dated 10/21/2011 16:26:12 PM Central Daylight Time,
> > mohawk@... writes:
> > >hello , well i have not done any mods to the BC939. all i was
> using was a
> >
> > >15 ft bit of wire to test the BC610 . i would never mod any www
> stuff.
> > >looking at the problems , i do not think we will be able to mount
> the
> > whip on
> > >the roof. i will just put a feed through in the roof above the
> truck and
> > >use a long wire. 250THs cost a lot of money ! i have a spare
> somewhere
> > >though.i will try it tomorrow. cheers, alan
> > >
> >

>
> Robert Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
> [Non-text portions of this message have been removed]
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>
> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

# 4770. problem

Yahoo group: T-368_BC-610
Date: 2011-11-02 19:46:15 UTC
From: Alan Morriss
Topic: 4722  Message: 4770

hello everybody . oh well , the resistor made no difference at all. the off resonance current in high voltage protect is 250 ma. this choke is never going to work . so ray , i would like to take you up on your offer ! i can send the two ones which i bought on ebay as replacements. they are new and nice ones.l i think that they may be for a T 368 . on top of that whilst i was crouching behind the tx in the shelter i lost my balance and knocked the grid connection and glass off a 100TH. not my day. cheers, alan

[Non-text portions of this message have been removed]

# 4771. relay

Yahoo group: T-368_BC-610
Date: 2011-10-24 08:00:47 UTC
From: Alan Morriss
Topic: 4730  Message: 4771

thanks roger. for the time being i am going to put a strip of paxolin between the contacts. i will check the coil for continuity this morning, and if that is ok will investigate the supply. i am fairly convinced that the relay failing was what took out the choke . alan

[Non-text portions of this message have been removed]

# 4772. Re: problem

Yahoo group: T-368_BC-610
Date: 2011-11-03 06:39:13 UTC
From: Roger Basford
Topic: 4722  Message: 4772

Alan,

Before you let the chokes go, try a jumper across the choke and see what current is drawn, it may be that something else (in the power supply?) is limiting.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello everybody . oh well , the resistor made no difference at all. the off resonance current in high voltage protect is 250 ma. this choke is never going to work . so ray , i would like to take you up on your offer ! i can send the two ones which i bought on ebay as replacements. they are new and nice ones.l i think that they may be for a T 368 . on top of that whilst i was crouching behind the tx in the shelter i lost my balance and knocked the grid connection and glass off a 100TH. not my day. cheers, alan
>
> [Non-text portions of this message have been removed]
>

# 4773. Re: [T-368_BC-610] Re: problem

Yahoo group: T-368_BC-610
Date: 2011-11-03 07:02:01 UTC
From: Wayne
Topic: 4722  Message: 4773

I haven't read all the messages but what is the plate voltage bias and rf drive to the tube?

Wayne
----- Original Message -----
From: "Roger Basford" <Roger@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Thursday, November 03, 2011 1:39 AM
Subject: [T-368_BC-610] Re: problem

Alan,

Before you let the chokes go, try a jumper across the choke and see what current is drawn, it may be that something else (in the power supply?) is limiting.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello everybody . oh well , the resistor made no difference at all. the
> off resonance current in high voltage protect is 250 ma. this choke is
> never going to work . so ray , i would like to take you up on your offer !
> i can send the two ones which i bought on ebay as replacements. they are
> new and nice ones.l i think that they may be for a T 368 . on top of that
> whilst i was crouching behind the tx in the shelter i lost my balance and
> knocked the grid connection and glass off a 100TH. not my day. cheers,
> alan
>
> [Non-text portions of this message have been removed]
>

# 4774. problem

Yahoo group: T-368_BC-610
Date: 2011-11-03 07:53:56 UTC
From: Alan Morriss
Topic: 4722  Message: 4774

hello roger, well , the plate current is the same as it always was. as regards the rf drive,wayne, the PA grid current is fine , and everything is the same as before except the dip . if i can get a choke the same as the original , we will see. this one looks totally different, but the mounting etc. is the same. i could try a jumper , so next time i work on it i will sse what the current is.i am now using the xenon rectifiers . cheers, alan

[Non-text portions of this message have been removed]

# 4775. fault

Yahoo group: T-368_BC-610
Date: 2011-11-03 11:29:27 UTC
From: Alan Morriss
Topic: 3174  Message: 4775

hello roger, well , it looks as if you have hit the nail on the head. i removed R9 , and shorted out the choke . no change, all readings were absolutely the same. the jumper was removed with no R9 and still the same.removing the jumper and replacing R9 made no difference. all connections are correct. one end of the choke goes to the stator of the capacitor at the same end as the B+ feed . the other goes to the centre tap of the tank coil and C11 . all the original leads are used.
it seems to me that the choke must be of far too low a value . all i need to do is find the correct one ! until i do the shelter will be left closed. no more groping in the dark.
cheers, alan

[Non-text portions of this message have been removed]

# 4776. Re: fault

Yahoo group: T-368_BC-610
Date: 2011-11-03 14:05:38 UTC
From: Roger Basford
Topic: 3174  Message: 4776

Sorry Alan,

I don't see your reasoning there, if the choke is out of circuit and the PA current is still low off-resonance then the fault must be elsewhere than the choke, surely? By that logic, even if the choke were of a completely wrong value then it would still pass current OK. So, I don't see how you arrived at the conclusion.

According to the circuit in TM11-218 page 17, the choke is connected to the ROTORs of the two PA tuning capacitors and B+ is connected there too. The other end goes to the PA coil centre-tap.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello roger, well , it looks as if you have hit the nail on the head. i removed R9 , and shorted out the choke . no change, all readings were absolutely the same. the jumper was removed with no R9 and still the same.removing the jumper and replacing R9 made no difference. all connections are correct. one end of the choke goes to the stator of the capacitor at the same end as the B+ feed . the other goes to the centre tap of the tank coil and C11 . all the original leads are used.
> it seems to me that the choke must be of far too low a value . all i need to do is find the correct one ! until i do the shelter will be left closed. no more groping in the dark. cheers, alan
>
>
> [Non-text portions of this message have been removed]
>

# 4777. choke

Yahoo group: T-368_BC-610
Date: 2011-11-03 14:18:56 UTC
From: Alan Morriss
Topic: 4623  Message: 4777

hello roger , the current and dip are exactly the same. the current off resonance is exactly what it has alwas been , 250 ma in high voltage protect . it has never been any higher.. wjth the choke shorted the dip is in the same spot on the dial and the current drops to about 30 ma .it seems to me that the choke is not doing anything.
i am using the 3B28 rectifiers. . what does your off resonance current indicate ? cheers, alan

[Non-text portions of this message have been removed]

# 4778. Re: choke

Yahoo group: T-368_BC-610
Date: 2011-11-03 17:29:08 UTC
From: Roger Basford
Topic: 4623  Message: 4778

Hi Alan,

About 450ma, it will go higher but that will trip the overload relay, same rectifiers here. 250ma is far too low.

73

Roger

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello roger , the current and dip are exactly the same. the current off resonance is exactly what it has alwas been , 250 ma in high voltage protect . it has never been any higher.. wjth the choke shorted the dip is in the same spot on the dial and the current drops to about 30 ma .it seems to me that the choke is not doing anything.
> i am using the 3B28 rectifiers. . what does your off resonance current indicate ? cheers, alan
>
> [Non-text portions of this message have been removed]
>

# 4779. Re: [T-368_BC-610] Re: choke

Yahoo group: T-368_BC-610
Date: 2011-11-03 18:02:49 UTC
From: wa5cab@cs.com
Topic: 4623  Message: 4779

Roger,

I think Alan's 250 mA figure is with the heating element switched in series with the HV transformer primary.

In a message dated 11/03/2011 12:29:12 PM Central Daylight Time, Roger@... writes:
> Hi Alan,
>
> About 450ma, it will go higher but that will trip the overload relay, same
> rectifiers here. 250ma is far too low.
>
> 73
>
> Roger
>
> --- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
> >
> >hello roger , the current and dip are exactly the same. the current off
> resonance is exactly what it has alwas been , 250 ma in high voltage protect
> . it has never been any higher.. wjth the choke shorted the dip is in the
> same spot on the dial and the current drops to about 30 ma .it seems to me
> that the choke is not doing anything.
> >i am using the 3B28 rectifiers. . what does your off resonance current
> indicate ? cheers, alan
> >

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4780. Re: choke

Yahoo group: T-368_BC-610
Date: 2011-11-03 18:17:30 UTC
From: Roger Basford
Topic: 4623  Message: 4780

Yes, you're right Robert, I missed where he said high voltage protect on. Still think the choke shouldn't affect the output loading though!

73

Roger

--- In T-368_BC-610@yahoogroups.com, wa5cab@... wrote:
>
> Roger,
>
> I think Alan's 250 mA figure is with the heating element switched in series
> with the HV transformer primary.
>
> In a message dated 11/03/2011 12:29:12 PM Central Daylight Time,
> Roger@... writes:
> > Hi Alan,
> >
> > About 450ma, it will go higher but that will trip the overload relay, same
> > rectifiers here. 250ma is far too low.
> >
> > 73
> >
> > Roger
> >
> > --- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@> wrote:
> > >
> > >hello roger , the current and dip are exactly the same. the current off
> > resonance is exactly what it has alwas been , 250 ma in high voltage protect
> > . it has never been any higher.. wjth the choke shorted the dip is in the
> > same spot on the dial and the current drops to about 30 ma .it seems to me
> > that the choke is not doing anything.
> > >i am using the 3B28 rectifiers. . what does your off resonance current
> > indicate ? cheers, alan
> > >
>
> Robert & Susan Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
> [Non-text portions of this message have been removed]
>

# 4781. Re: [T-368_BC-610] Re: choke

Yahoo group: T-368_BC-610
Date: 2011-11-03 19:15:32 UTC
From: w5omr@att.net
Topic: 4781  Message: 4781

I still say the final is acting like there's no load on it.
Pull the tuner off of the output terminals, and try again. Results will probably be the same.
Replace the tuner with 2 or 3 100w bulbs, or a single 500w flood lamp as the load. If there's no difference, the the Rf isn't getting coupled at the link. Check the link wires. Check the connections to the output terminals.

Because there is plate current, there MUST be B+.

Sent from my HTC on the Now Network from Sprint!

----- Reply message -----
From: "Roger Basford" <Roger@...>
Date: Thu, Nov 3, 2011 13:17
Subject: [T-368_BC-610] Re: choke
To: <T-368_BC-610@yahoogroups.com>

Yes, you're right Robert, I missed where he said high voltage protect on. Still think the choke shouldn't affect the output loading though!

73

Roger

--- In T-368_BC-610@yahoogroups.com, wa5cab@... wrote:
>
> Roger,
>
> I think Alan's 250 mA figure is with the heating element switched in series
> with the HV transformer primary.
>
> In a message dated 11/03/2011 12:29:12 PM Central Daylight Time,
> Roger@... writes:
> > Hi Alan,
> >
> > About 450ma, it will go higher but that will trip the overload relay, same
> > rectifiers here. 250ma is far too low.
> >
> > 73
> >
> > Roger
> >
> > --- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@> wrote:
> > >
> > >hello roger , the current and dip are exactly the same. the current off
> > resonance is exactly what it has alwas been , 250 ma in high voltage protect
> > . it has never been any higher.. wjth the choke shorted the dip is in the

> > same spot on the dial and the current drops to about 30 ma .it seems to me
> > that the choke is not doing anything.
> > >i am using the 3B28 rectifiers. . what does your off resonance current
> > indicate ? cheers, alan
> > >
>
> Robert & Susan Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
> [Non-text portions of this message have been removed]
>

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 4782. post

Yahoo group: T-368_BC-610
Date: 2011-11-03 21:16:17 UTC
From: Alan Morriss
Topic: 3200  Message: 4782

Hi , well , it does not matter what you do to it. i have put a light bulb across the output. nothing. the choke has been shorted out, still exactly the same dip and in the same spot on the dial. R9 in place or not , still the same. i think that the choke value must be too low and the RF is bleeding away .incidentally , when i said the connection was to the stator, that was just what it looked like. it is actually the rotor. i have never allowed the plate current to exceed 300 ma except for a brief moment , because that is what it says in the manual as a max for CW operation . except for thie problem , everything is fine , and i am sure that if i could get hold of a proper choke all would be ok. actually it is driving me mad ! cheers, alan

[Non-text portions of this message have been removed]

# 4783. BC-610 output problem

Yahoo group: T-368_BC-610
Date: 2011-11-04 09:45:53 UTC
From: Roger Basford
Topic: 3200  Message: 4783

OK Alan,

Firstly, I missed were you said you were running in high voltage protect, so the 250ma max off-tune current is probably right, so belay my last.

Secondly, if you are getting a dip, albeit a very deep one, then the PA stage should be getting drive and passing current, so whether or not the choke is in circuit may not be relevant to the problem, IMO.

You say the drive is OK; have you tried tuning for the PA dip and then removing the crystal from the TU? This should show if the PA is amplifying OK and that the PA is not taking-off when drive is lost, which might indicate a choke problem. What does the signal sound like on a local RX? Any instability or distortion might indicate that the PA is oscillating and you might need to neutralise it again to compensate for circuit chnages.

I've rather lost the thread on this subject as the titles keep changing and Yahoo keeps delivering old posts just to confuse things all the more! Did you say that this problem is on all frequencies, or just on 80m?

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> Hi , well , it does not matter what you do to it. i have put a light bulb across the output. nothing. the choke has been shorted out, still exactly the same dip and in the same spot on the dial. R9 in place or not , still the same. i think that the choke value must be too low and the RF is bleeding away .incidentally , when i said the connection was to the stator, that was just what it looked like. it is actually the rotor. i have never allowed the plate current to exceed 300 ma except for a brief moment , because that is what it says in the manual as a max for CW operation . except for thie problem , everything is fine , and i am sure that if i could get hold of a proper choke all would be ok. actually it is driving me mad ! cheers, alan
>
> [Non-text portions of this message have been removed]
>

# 4784. PA

Yahoo group: T-368_BC-610
Date: 2011-11-04 10:14:57 UTC
From: Alan Morriss
Topic: 4784  Message: 4784

hello roger, i have tried it on 40 and 80 and although the dip is in a different place on 40 the result is the same.i have a spare choke for the 53 , which i could fit at a pinch. i will try removing the xtal . however, the driver stage readings are fine , and the PA grid current is too .there cannot be anything else wrong, as it was fine before , and nothing has been altered. i do not think that the loading has anything to do with it . because i thought this was the case , i wasted a lot of effort checking everything to do with the output. my best bet is to get a choke with the correct or higher value and see what that does. cheers, alan

[Non-text portions of this message have been removed]

# 4785. BC-610 output problem

Yahoo group: T-368_BC-610
Date: 2011-11-04 10:26:14 UTC
From: Roger Basford
Topic: 4784  Message: 4785

OK Alan,

Let the group know how you get on, it's a real mystery!

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello roger, i have tried it on 40 and 80 and although the dip is in a different place on 40 the result is the same.i have a spare choke for the 53 , which i could fit at a pinch. i will try removing the xtal . however, the driver stage readings are fine , and the PA grid current is too .there cannot be anything else wrong, as it was fine before , and nothing has been altered. i do not think that the loading has anything to do with it . because i thought this was the case , i wasted a lot of effort checking everything to do with the output. my best bet is to get a choke with the correct or higher value and see what that does. cheers, alan
>
> [Non-text portions of this message have been removed]
>

# 4786. Re: BC-610 output problem

Yahoo group: T-368_BC-610
Date: 2011-11-04 11:33:09 UTC
From: Roger Basford
Topic: 4784  Message: 4786

Hi Alan,

Just done another check here. With no antenna connected to my '610, I get a dip to about 45-50ma on HV protect and about 60-65 ma on full power. The rig has a standard output circuit and a swinging-link PA coil. Tests done on 3615kc.

HTH

Roger

--- In T-368_BC-610@yahoogroups.com, "Roger Basford" <Roger@...> wrote:
>
>
> OK Alan,
>
> Let the group know how you get on, it's a real mystery!
>
> 73
>
> Roger/G3VKM
>
>

# 4787. dip

Yahoo group: T-368_BC-610
Date: 2011-11-04 11:53:01 UTC
From: Alan Morriss
Topic: 4787  Message: 4787

hello roger , my personal feeling is that the problem is parasitic oscillation . i am going to fish the 53 choke out and see if i could get it to fit as a temporary solution. however it is a lot bigger .alan

[Non-text portions of this message have been removed]

# 4788. Re: [T-368_BC-610] PA

Yahoo group: T-368_BC-610
Date: 2011-11-04 16:15:44 UTC
From: mac
Topic: 4784  Message: 4788

If I remember correctly the original problem was that the dip was occurring at the wrong dial setting for PA tune. Then when the failed antenna relay was blocked open it occurred at the correct (book) setting. Then, Alan did some internal work and the dip came up at the wrong dial setting again. Is this still the problem? Or is it something about the depth of the dip? Or something else? I've lost track,,,, :^(

Dennis D. W7QHO
Glendale, CA

**********
On Nov 4, 2011, at 3:14 AM, Alan Morriss wrote:

> hello roger, i have tried it on 40 and 80 and although the dip is in
> a different place on 40 the result is the same.i have a spare choke
> for the 53 , which i could fit at a pinch. i will try removing the
> xtal . however, the driver stage readings are fine , and the PA grid
> current is too .there cannot be anything else wrong, as it was fine
> before , and nothing has been altered. i do not think that the
> loading has anything to do with it . because i thought this was the
> case , i wasted a lot of effort checking everything to do with the
> output. my best bet is to get a choke with the correct or higher
> value and see what that does. cheers, alan
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 4789. fault

Yahoo group: T-368_BC-610
Date: 2011-11-04 16:58:12 UTC
From: Alan Morriss
Topic: 3174  Message: 4789

hello dennis, well , what happened was that the antenna relay was not operating, so i jammed it open with a bit of wood. all seemed fine then , and i went to bed happy. next day i did a better job with a strip of paxolin , but it was back to square 1 . i then disconnected the relay completely , but no dice. a meter across the antenna link terminals with the coil removed and the 939 also disconnected gives infinity . connecting up the 939 gives zero as it should be. across the antenna terminals with the 939 disconnected and the coil in place also gives zero .
i think that the result i got the first time was a fluke . the problem may be parasitic oscillation , and it did not do it just then . if i cannot get a proper replacement choke i will fit one from a british transmitter no 53 . this replaced the BC610 in the british army . the choke is a lot bigger though. cheers, alan

[Non-text portions of this message have been removed]

# 4790. Looking for a BC 610 E id plate

Yahoo group: T-368_BC-610
Date: 2011-11-09 16:47:24 UTC
From: Mark Foltarz
Topic: 3174  Message: 4790

Group,

As the subject indicates, I am looking for a BC 610 E id plate that goes on the front of the xmtr.

Tnx

de KA4JVY

Mark

[Non-text portions of this message have been removed]

# 4791. Re: Looking for a BC 610 E id plate

Yahoo group: T-368_BC-610
Date: 2011-11-09 18:56:10 UTC
From: Roger Basford
Topic: 3174  Message: 4791

Hi Mark,

When I got my BC-610-E a few years ago it had a -D plate. I managed to find an -E plate on ebay, amongst a box of bits and pieces including the bowl fire element and the main contactor.

Anyway, I digress; there is an ebayer, I think in Italy, who occasionally pops up selling BC-611 plates and I was about to ask him if he'd consider making a '610 plate when I found the one mentioned above. It's a long shot, but worth an e-mail if you can find him. A "BC-611" search would likely show him up.

Alternatively, if a BC-610-D plate is of use to you, I can see if I can find the one I took off. Have a BC-939 plate too, somewhere!

73

Roger/G3VKm - Norfolk, England.

--- In T-368_BC-610@yahoogroups.com, Mark Foltarz <Foltarz@...> wrote:
>
> Group,
>
>  As the subject indicates,  I am looking for a BC 610 E  id plate that goes on the front of the xmtr.
>
> Tnx
>
> de KA4JVY
>
> Mark
>
>
> [Non-text portions of this message have been removed]
>

# 4792. plate

Yahoo group: T-368_BC-610
Date: 2011-11-09 19:39:40 UTC
From: Alan Morriss
Topic: 4792  Message: 4792

hello mark , it is not hard to get really good reproduction plates made. i have a local engraving firm who did one for my MK 33 tx and also for my lorenz LO40K39 u boat tx. they did it from a photocopy which i got from someone in norway. alan G4GEN

[Non-text portions of this message have been removed]

# 4793. Veteran's Day Salute

Yahoo group: T-368_BC-610
Date: 2011-11-11 16:10:22 UTC
From: rbethman
Topic: 4793  Message: 4793

To all My Brothers past and present.

This is MY personal Salute to those that have served and are still serving!

Robert Bethman
SFC RET USA
RA-12942637

# 4794. buy

Yahoo group: T-368_BC-610
Date: 2011-11-13 18:19:55 UTC
From: Alan Morriss
Topic: 4794  Message: 4794

hello guys, well , i had a bit of luck thanks to roger again. i got a tuning capacitor assembly complete with the choke and R9 as well as C11. i do not need the capacitors , so if anyone does , they are welcome to them .i will send them on to jan PA3HCO unless someone has a need for them . i do not want any money . cheers, alan G4GEN

[Non-text portions of this message have been removed]

# 4795. Are these Bc-610 coils?

Yahoo group: T-368_BC-610
Date: 2011-11-16 19:38:15 UTC
From: Roger Basford
Topic: 4795  Message: 4795

Hi All,

A number of PA coils for the BC-610 have been listed in a SK sale over here. Two of the coils look to be for another TX to me, can anyone identify them? Please see the g3vkm directory in the photos section:-

http://groups.yahoo.com/group/T-368_BC-610/photos/album/841712248/pic/list

73

Roger/G3VKM

# 4796. Re: [T-368_BC-610] Are these Bc-610 coils?

Yahoo group: T-368_BC-610
Date: 2011-11-16 21:04:19 UTC
From: rbethman
Topic: 4795  Message: 4796

Roger,

I do NOT know what those are for, BUT - I have NEVER seen BC-610 coils
with a jumper like those two!

Bob - N0DGN

On 11/16/2011 2:38 PM, Roger Basford wrote:
>
> Hi All,
>
> A number of PA coils for the BC-610 have been listed in a SK sale over
> here. Two of the coils look to be for another TX to me, can anyone
> identify them? Please see the g3vkm directory in the photos section:-
>
> http://groups.yahoo.com/group/T-368_BC-610/photos/album/841712248/pic/list
>
> 73
>
> Roger/G3VKM
>

[Non-text portions of this message have been removed]

# 4797. Re: Are these Bc-610 coils?

Yahoo group: T-368_BC-610
Date: 2011-11-16 23:02:33 UTC
From: Roger Basford
Topic: 4795  Message: 4797

Hi Bob,

No, me neither. They also appear to have a output coil with a centre tap. I'm hoping that someone can ID them from the box markings.

73

Roger

--- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@...> wrote:
>
> Roger,
>
> I do NOT know what those are for, BUT - I have NEVER seen BC-610 coils
> with a jumper like those two!
>
> Bob - N0DGN
>
> On 11/16/2011 2:38 PM, Roger Basford wrote:
> >
> > Hi All,
> >
> > A number of PA coils for the BC-610 have been listed in a SK sale over
> > here. Two of the coils look to be for another TX to me, can anyone
> > identify them? Please see the g3vkm directory in the photos section:-
> >
> > http://groups.yahoo.com/group/T-368_BC-610/photos/album/841712248/pic/list
> >
> > 73
> >
> > Roger/G3VKM
> >
>
>
> [Non-text portions of this message have been removed]
>

# 4798. Re: Are these Bc-610 coils?

Yahoo group: T-368_BC-610
Date: 2011-11-17 22:04:55 UTC
From: Jan
Topic: 4795  Message: 4798

i had 1 coil with centre tap for the bc610
i wil look for it and make a picture
73
pa3hco

--- In T-368_BC-610@yahoogroups.com, "Roger Basford" <Roger@...> wrote:
>
> Hi Bob,
>
> No, me neither. They also appear to have a output coil with a centre tap. I'm hoping that someone can ID them from the box markings.
>
> 73
>
> Roger
>
>
>
> --- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@> wrote:
> >
> > Roger,
> >
> > I do NOT know what those are for, BUT - I have NEVER seen BC-610 coils
> > with a jumper like those two!
> >
> > Bob - N0DGN
> >
> > On 11/16/2011 2:38 PM, Roger Basford wrote:
> > >
> > > Hi All,
> > >
> > > A number of PA coils for the BC-610 have been listed in a SK sale over
> > > here. Two of the coils look to be for another TX to me, can anyone
> > > identify them? Please see the g3vkm directory in the photos section:-
> > >
> > > http://groups.yahoo.com/group/T-368_BC-610/photos/album/841712248/pic/list
> > >
> > > 73
> > >
> > > Roger/G3VKM
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >

>

# 4799. Re: [T-368_BC-610] Re: Are these Bc-610 coils?

Yahoo group: T-368_BC-610
Date: 2011-11-17 22:31:10 UTC
From: mac
Topic: 4795  Message: 4799

Auction coil _1 looks like it could have covered 10 or 15 M. Intended
for use in the post war HT-4 maybe?

Dennis D. W7QHO
Glendale, CA

***************
On Nov 17, 2011, at 2:04 PM, Jan wrote:

> > > On 11/16/2011 2:38 PM, Roger Basford wrote:
> > > >
> > > > Hi All,
> > > >
> > > > A number of PA coils for the BC-610 have been listed in a SK
> sale over
> > > > here. Two of the coils look to be for another TX to me, can
> anyone
> > > > identify them? Please see the g3vkm directory in the photos
> section:-
> > > >
> > > > http://groups.yahoo.com/group/T-368_BC-610/photos/album/841712248/pic/list
> > > >
> > > > 73
> > > >
> > > > Roger/G3VKM
> > > >

[Non-text portions of this message have been removed]

# 4800. Re: [T-368_BC-610] Re: Are these Bc-610 coils?

Yahoo group: T-368_BC-610
Date: 2011-11-17 23:09:52 UTC
From: rbethman
Topic: 4795  Message: 4800

It has too many turns for either.

The 20M coils has about the same number of turns

Bob - N0DGN

On 11/17/2011 5:31 PM, mac wrote:
>
> Auction coil _1 looks like it could have covered 10 or 15 M. Intended
> for use in the post war HT-4 maybe?
>
> Dennis D. W7QHO
> Glendale, CA
>

[Non-text portions of this message have been removed]

# 4801. Re: Are these Bc-610 coils?

Yahoo group: T-368_BC-610
Date: 2011-11-18 16:56:19 UTC
From: Roger Basford
Topic: 4795  Message: 4801

Hi Dennis,

I have an original Hallicrafters manual for the post war HT-4I and HT-5I. There's a photo of the transmitter with all the coils and TUs arranged in front. I can't see any extra turns on the link coils shown in the photo. The parts list gives the coils as being in the 51C7** series and there's a couple of handwritten notes mentioning a 10 metre conversion kit.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, mac <w7qho@...> wrote:
>
> Auction coil _1 looks like it could have covered 10 or 15 M. Intended
> for use in the post war HT-4 maybe?
>
> Dennis D. W7QHO
> Glendale, CA
>
> ***************
>
>
> [Non-text portions of this message have been removed]
>

# 4802. Re: [T-368_BC-610] Re: Are these Bc-610 coils?

Yahoo group: T-368_BC-610
Date: 2011-11-18 17:08:42 UTC
From: rbethman
Topic: 4795  Message: 4802

Roger,

*IF* you should happen to find a 10M TU, be VERY careful.

WB2FCN used to run these on the 2 1/2 ton trucks with the comms enclosure. They found that running them on 10M resulted in having RF crawling all over the BC-610 Chassis.

It did NOT occur when it was mounted outside the comms enclosure.

It was one of the reasons that the U.S. Army stayed away from 10M operation.

Bob - N0DGN

On 11/18/2011 11:56 AM, Roger Basford wrote:
>
> Hi Dennis,
>
> I have an original Hallicrafters manual for the post war HT-4I and
> HT-5I. There's a photo of the transmitter with all the coils and TUs
> arranged in front. I can't see any extra turns on the link coils shown
> in the photo. The parts list gives the coils as being in the 51C7**
> series and there's a couple of handwritten notes mentioning a 10 metre
> conversion kit.
>
> 73
>
> Roger/G3VKM
>
> --- In T-368_BC-610@yahoogroups.com
> <mailto:T-368_BC-610%40yahoogroups.com>, mac <w7qho@...> wrote:
> >
> > Auction coil _1 looks like it could have covered 10 or 15 M. Intended
> > for use in the post war HT-4 maybe?
> >
> > Dennis D. W7QHO
> > Glendale, CA
> >
> > ***************
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>

--
+----------------------------------------------------------------+
| AM Amateur Radio Operator NØDGN |
+----------------------------------------------------------------+
| http://home.comcast.net/~rbethman/ |
+----------------------------------------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| \\ ~ ~ // signal does *NOT* mean |
| rbethman@... (/ @ @ /) that everything is OK " |
+----------------------o00o---°(_)°---o00o-------------------------+

[Non-text portions of this message have been removed]

# 4803. Re: Are these Bc-610 coils?

Yahoo group: T-368_BC-610
Date: 2011-11-18 19:34:38 UTC
From: Roger Basford
Topic: 4795  Message: 4803

Hi Bob,

Yes, I think that's been mentioned on here before but I can't recall who brought it up. To be honest, I've never used my '610 above 3705kc and I have more stable vintage rigs like a DX-60B/HG-10B for Ten.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@...> wrote:
>
> Roger,
>
> *IF* you should happen to find a 10M TU, be VERY careful.
>
> WB2FCN used to run these on the 2 1/2 ton trucks with the comms
> enclosure. They found that running them on 10M resulted in having RF
> crawling all over the BC-610 Chassis.
>
> It did NOT occur when it was mounted outside the comms enclosure.
>
> It was one of the reasons that the U.S. Army stayed away from 10M operation.
>
> Bob - N0DGN
>
>

# 4804. 610

Yahoo group: T-368_BC-610
Date: 2011-11-18 20:47:24 UTC
From: Alan Morriss
Topic: 4367  Message: 4804

hello roger, i have had quite a few cw qsos on 20 and received good reports working from the truck . of course only on xtal ! alan

[Non-text portions of this message have been removed]

# 4805. Re: [T-368_BC-610] 610

Yahoo group: T-368_BC-610
Date: 2011-11-18 21:17:18 UTC
From: rbethman
Topic: 4367  Message: 4805

Alan,

The BC-610 does very well on 160, 60, 40, and 20metres.

There have been other frequency ranges used by the U.S. Military. This includes the AM BCST Band, (540kc through 1600 [it has grown to I believe 1800 over here now.]). The problem is finding these *other* Tuning Units and coils after all these years.

U. S. Army DID run 10 metres successfully - BUT - when dismounted from the truck.

Bob - N0DGN

On 11/18/2011 3:47 PM, Alan Morriss wrote:
>
> hello roger, i have had quite a few cw qsos on 20 and received good
> reports working from the truck . of course only on xtal ! alan
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 4806. 610

Yahoo group: T-368_BC-610
Date: 2011-11-18 21:55:42 UTC
From: Alan Morriss
Topic: 4367  Message: 4806

hello , during WW2 , the american forces broadcast service over here used the BC610 at least on some occasions. it is a matter of record that the actress diana dors made her first broadcast on one . alan

[Non-text portions of this message have been removed]

# 4807. Re: [T-368_BC-610] 610

Yahoo group: T-368_BC-610
Date: 2011-11-18 21:59:27 UTC
From: rbethman
Topic: 4367  Message: 4807

Yes. They also used them in Korea as part of the Armed Forces Radio Network.

However, as I stated earlier, while it *IS* known, I do NOT know of ANY of those TUs or Coils being in hand.

Their disposition would be murky to say the least!

Bob - N0DGN

On 11/18/2011 4:55 PM, Alan Morriss wrote:
>
> hello , during WW2 , the american forces broadcast service over here
> used the BC610 at least on some occasions. it is a matter of record
> that the actress diana dors made her first broadcast on one . alan
>
> [Non-text portions of this message have been removed]
>
> _

[Non-text portions of this message have been removed]

# 4808. Re: 610

Yahoo group: T-368_BC-610
Date: 2011-11-18 22:30:24 UTC
From: Roger Basford
Topic: 4367  Message: 4808

Hi Bob,

A couple of years ago I acquired a pair of (I think) 1 to 2 Mc coil and TU from France, which I've never tried out but I have seen a TU for under 1 Mc on ebay. IIRC, it fetched a good price. "Medium Wave" broadcasting is on the way out in Europe, so maybe we'll get a "slot" in that band below 1.8 Mc someday!

Do you think it would be possible to put a BC-610 on 500kc? We have an allocation around that area which is available on a special variation to our normal licence. I have a pile of junker TUs!

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@...> wrote:
>
> Yes. They also used them in Korea as part of the Armed Forces Radio
> Network.
>
> However, as I stated earlier, while it *IS* known, I do NOT know of ANY
> of those TUs or Coils being in hand.
>
> Their disposition would be murky to say the least!
>
> Bob - N0DGN
>
> On 11/18/2011 4:55 PM, Alan Morriss wrote:
> >
> > hello , during WW2 , the american forces broadcast service over here
> > used the BC610 at least on some occasions. it is a matter of record
> > that the actress diana dors made her first broadcast on one . alan
> >
> > [Non-text portions of this message have been removed]
> >
> > _
>
>
> [Non-text portions of this message have been removed]
>

# 4809. Re: [T-368_BC-610] Re: 610

Yahoo group: T-368_BC-610
Date: 2011-11-18 23:06:33 UTC
From: rbethman
Topic: 4367  Message: 4809

Yes, I believe that it could be run down around 500KC. I just have NO information regarding the coil.

Nor do I know what modification a TU would require to allow it to go down there.

I DO have a coil that will run between 1500 and 2000Kc. I modified a 2MC TU to be able to tune down as low as 1660KC.

This gives me the ability to run between 1800 to 2000KC, thereby getting it on 160metres.

Bob - N0DGN

On 11/18/2011 5:30 PM, Roger Basford wrote:
>
> Hi Bob,
>
> A couple of years ago I acquired a pair of (I think) 1 to 2 Mc coil
> and TU from France, which I've never tried out but I have seen a TU
> for under 1 Mc on ebay. IIRC, it fetched a good price. "Medium Wave"
> broadcasting is on the way out in Europe, so maybe we'll get a "slot"
> in that band below 1.8 Mc someday!
>
> Do you think it would be possible to put a BC-610 on 500kc? We have an
> allocation around that area which is available on a special variation
> to our normal licence. I have a pile of junker TUs!
>
> 73
>
> Roger/G3VKM
>

[Non-text portions of this message have been removed]

# 4810. RE: [T-368_BC-610] Re: Looking for a BC 610 E id plate

Yahoo group: T-368_BC-610
Date: 2011-11-09 19:00:56 UTC
From: Tom Mackie
Topic: 3174  Message: 4810

You might try the companies that reproduce Military Vehicle data plates as some will reproduce a plate if you have the artwork:

http://www.mvdataplates.com/

73

Tom W2ILA

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Roger Basford
Sent: Wednesday, November 09, 2011 1:56 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] Re: Looking for a BC 610 E id plate

Hi Mark,

When I got my BC-610-E a few years ago it had a -D plate. I managed to find an -E plate on ebay, amongst a box of bits and pieces including the bowl fire element and the main contactor.

Anyway, I digress; there is an ebayer, I think in Italy, who occasionally pops up selling BC-611 plates and I was about to ask him if he'd consider making a '610 plate when I found the one mentioned above. It's a long shot, but worth an e-mail if you can find him. A "BC-611" search would likely show him up.

Alternatively, if a BC-610-D plate is of use to you, I can see if I can find the one I took off. Have a BC-939 plate too, somewhere!

73

Roger/G3VKm - Norfolk, England.

--- In T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com> , Mark Foltarz <Foltarz@...> wrote:
>
> Group,
>
> As the subject indicates, I am looking for a BC 610 E id plate that goes on the front of the xmtr.
>
> Tnx
>
> de KA4JVY
>
> Mark

>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 4811. Re: [T-368_BC-610] Re: 610

Yahoo group: T-368_BC-610
Date: 2011-11-19 00:54:18 UTC
From: wa5cab@cs.com
Topic: 4367  Message: 4811

Roger,

The two commonly available tuners and coils cover 1.0-1.5 MC and 1.5-2.0 MC.

We once used a (my) BC-610-F on 770 KC by padding down the 1.0-1.5 units. This was in a carrier current system (uses the AC lines as the distribution system) at Louisiana Tech, either KLPI or WLPI (I can't recall which for certain). The other transmitter in the system was a much modified (most of which happened before we got it) T-47/ART-13. By the time that I came home from Vietnam in late 1968, the two had been replaced by several commercially built carrier current units (one per dormitory). And the 610 went back to the ham bands.

In a message dated 11/18/2011 16:30:29 PM Central Standard Time, Roger@... writes:
> Hi Bob,
>
> A couple of years ago I acquired a pair of (I think) 1 to 2 Mc coil and TU
> from France, which I've never tried out but I have seen a TU for under 1
> Mc on ebay. IIRC, it fetched a good price. "Medium Wave" broadcasting is on
> the way out in Europe, so maybe we'll get a "slot" in that band below 1.8
> Mc someday!
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4812. BC-610 tank coils?

Yahoo group: T-368_BC-610
Date: 2011-11-19 06:27:24 UTC
From: Roger Basford
Topic: 4367  Message: 4812

Thanks Robert.

Do the "MI" numbers on the two coil photos I posted mean anything to you?

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, wa5cab@... wrote:
>
> Roger,
>
> The two commonly available tuners and coils cover 1.0-1.5 MC and 1.5-2.0
> MC.
>
> We once used a (my) BC-610-F on 770 KC by padding down the 1.0-1.5 units.
> This was in a carrier current system (uses the AC lines as the distribution
> system) at Louisiana Tech, either KLPI or WLPI (I can't recall which for
> certain). The other transmitter in the system was a much modified (most of
> which happened before we got it) T-47/ART-13. By the time that I came home
> from Vietnam in late 1968, the two had been replaced by several commercially
> built carrier current units (one per dormitory). And the 610 went back to the
> ham bands.
>
> In a message dated 11/18/2011 16:30:29 PM Central Standard Time,
> Roger@... writes:
> > Hi Bob,
> >
> > A couple of years ago I acquired a pair of (I think) 1 to 2 Mc coil and TU
> > from France, which I've never tried out but I have seen a TU for under 1
> > Mc on ebay. IIRC, it fetched a good price. "Medium Wave" broadcasting is on
> > the way out in Europe, so maybe we'll get a "slot" in that band below 1.8
> > Mc someday!
> >
>
> Robert & Susan Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
> [Non-text portions of this message have been removed]
>

# 4813. Re: [T-368_BC-610] BC-610 tank coils?

Yahoo group: T-368_BC-610
Date: 2011-11-19 16:37:24 UTC
From: wa5cab@cs.com
Topic: 4367  Message: 4813

Roger,

No. I thought that I had seen "MI-" numbers used by RCA but I just checked AVT, ATB and SCR-288, respectively Civilian, Navy and Signal Corps, and although I found a lot of "M", there were no "MI".

I've had similar coils in the past, always mixed in with BC-610 ones. Fair radio had some listed maybe 10-15 years ago. I don't recall whether they knew and listed what they were used in. Might be worth pursuing.

In a message dated 11/19/2011 00:27:31 AM Central Standard Time,
Roger@... writes:
> Thanks Robert.
>
> Do the "MI" numbers on the two coil photos I posted mean anything to you?
>
>
> 73
>
> Roger/G3VKM

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4814. Re: BC-610 tank coils?

Yahoo group: T-368_BC-610
Date: 2011-11-19 19:11:11 UTC
From: Roger Basford
Topic: 4367  Message: 4814

OK Robert,

Thanks for your efforts. I will pass on to the auctioneers that the coils may not be BC-610 types. I can't see there being a buying frenzy for them!

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, wa5cab@... wrote:
>
> Roger,
>
> No. I thought that I had seen "MI-" numbers used by RCA but I just checked
> AVT, ATB and SCR-288, respectively Civilian, Navy and Signal Corps, and
> although I found a lot of "M", there were no "MI".
>
> I've had similar coils in the past, always mixed in with BC-610 ones. Fair
> radio had some listed maybe 10-15 years ago. I don't recall whether they
> knew and listed what they were used in. Might be worth pursuing.
>
> In a message dated 11/19/2011 00:27:31 AM Central Standard Time,
> Roger@... writes:
> > Thanks Robert.
> >
> > Do the "MI" numbers on the two coil photos I posted mean anything to you?
> >
> >
> > 73
> >
> > Roger/G3VKM
>
> Robert Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
> [Non-text portions of this message have been removed]
>

# 4815. Re: 610

Yahoo group: T-368_BC-610
Date: 2011-11-19 21:06:58 UTC
From: Jan
Topic: 4367  Message: 4815

look at the photos mc509
i now there was a mw pirat with a bc610 that was below the 1Mc for 20 years ago in the neterlands
i have a tu unit with a dds ,so the tu unit is not the problem
the coil will be the problem

--- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@...> wrote:
>
> Yes, I believe that it could be run down around 500KC. I just have NO
> information regarding the coil.
>
> Nor do I know what modification a TU would require to allow it to go
> down there.
>
> I DO have a coil that will run between 1500 and 2000Kc. I modified a
> 2MC TU to be able to tune down as low as 1660KC.
>
> This gives me the ability to run between 1800 to 2000KC, thereby getting
> it on 160metres.
>
> Bob - N0DGN
>
> On 11/18/2011 5:30 PM, Roger Basford wrote:
> >
> > Hi Bob,
> >
> > A couple of years ago I acquired a pair of (I think) 1 to 2 Mc coil
> > and TU from France, which I've never tried out but I have seen a TU
> > for under 1 Mc on ebay. IIRC, it fetched a good price. "Medium Wave"
> > broadcasting is on the way out in Europe, so maybe we'll get a "slot"
> > in that band below 1.8 Mc someday!
> >
> > Do you think it would be possible to put a BC-610 on 500kc? We have an
> > allocation around that area which is available on a special variation
> > to our normal licence. I have a pile of junker TUs!
> >
> > 73
> >
> > Roger/G3VKM
> >
>
>
> [Non-text portions of this message have been removed]
>

# 4816. Re: [T-368_BC-610] Re: 610

Yahoo group: T-368_BC-610
Date: 2011-11-19 21:38:40 UTC
From: wa5cab@cs.com
Topic: 4367  Message: 4816

Frequency Conversion Kit MC-508 includes coils, tuning units and padder capacitors to extend the frequency range of the BC-610 down to 1.0 MC.

However, I have a feeling that when I wrote yesterday that we padded down a 1.0-1.5 TU and coil to work on 770 KC, I was maybe correct about the TU but not the coil. The only other thing that I recall is that we got them from Fair Radio. This was probably in late 1966 or early 1967. Unfortunately I don't have any Fair catalogs that old. And although I had the coil and tuning unit probably past 1973 when I moved to Houston, I don't have them today. And apparently got rid of them before the C64 came out (when my current database started).

In a message dated 11/19/2011 15:07:01 PM Central Standard Time, wassink@... writes:
> look at the photos mc509
> i now there was a mw pirat with a bc610 that was below the 1Mc for 20
> years ago in the neterlands
> i have a tu unit with a dds ,so the tu unit is not the problem
> the coil will be the problem
>
> --- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@...> wrote:
> >
> >Yes, I believe that it could be run down around 500KC. I just have NO
> >information regarding the coil.
> >
> >Nor do I know what modification a TU would require to allow it to go
> >down there.
> >
> >I DO have a coil that will run between 1500 and 2000Kc. I modified a
> >2MC TU to be able to tune down as low as 1660KC.
> >
> >This gives me the ability to run between 1800 to 2000KC, thereby getting
> >it on 160metres.
> >
> >Bob - N0DGN
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4817. Re: 610

Yahoo group: T-368_BC-610
Date: 2011-11-20 16:10:18 UTC
From: Jan
Topic: 4367  Message: 4817

now a special coil (bc610?)with jumper wire for the center tap??
look at de freq 1025<>1190/1250<>2000KC
see on the Photos site

--- In T-368_BC-610@yahoogroups.com, wa5cab@... wrote:
>
> Frequency Conversion Kit MC-508 includes coils, tuning units and padder
> capacitors to extend the frequency range of the BC-610 down to 1.0 MC.
>
> However, I have a feeling that when I wrote yesterday that we padded down a
> 1.0-1.5 TU and coil to work on 770 KC, I was maybe correct about the TU but
> not the coil. The only other thing that I recall is that we got them from
> Fair Radio. This was probably in late 1966 or early 1967. Unfortunately I
> don't have any Fair catalogs that old. And although I had the coil and
> tuning unit probably past 1973 when I moved to Houston, I don't have them today.
> And apparently got rid of them before the C64 came out (when my current
> database started).
>
> In a message dated 11/19/2011 15:07:01 PM Central Standard Time,
> wassink@... writes:
> > look at the photos mc509
> > i now there was a mw pirat with a bc610 that was below the 1Mc for 20
> > years ago in the neterlands
> > i have a tu unit with a dds ,so the tu unit is not the problem
> > the coil will be the problem
> >
> > --- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@> wrote:
> > >
> > >Yes, I believe that it could be run down around 500KC. I just have NO
> > >information regarding the coil.
> > >
> > >Nor do I know what modification a TU would require to allow it to go
> > >down there.
> > >
> > >I DO have a coil that will run between 1500 and 2000Kc. I modified a
> > >2MC TU to be able to tune down as low as 1660KC.
> > >
> > >This gives me the ability to run between 1800 to 2000KC, thereby getting
> > >it on 160metres.
> > >
> > >Bob - N0DGN
> >
>
> Robert & Susan Downs - Houston
> wa5cab dot com (Web Store)

> MVPA 9480
>
> [Non-text portions of this message have been removed]
>

# 4818. Re: BC-610 tank coils?

Yahoo group: T-368_BC-610
Date: 2011-11-20 16:53:54 UTC
From: GRG
Topic: 4367  Message: 4818

Just wondering if they are from a T-55? It is similar to a BC-610, somewhere I have a TM for it and if I find the TM,I will check it out.

I am looking for a TM of a T-158 transmitter, (Wilcox 96), I have a TM from a Wilcox 96-200 lf transmitter to trade.
Thanks, George W5GRG, AFA6GG

# 4819. Wilcox xmtrs

Yahoo group: T-368_BC-610
Date: 2011-11-20 17:26:10 UTC
From: Bill Harris
Topic: 4367  Message: 4819

I suspect a few Wilcox 96 rig's survived the scrap pile? A pair of 450's would sure keep the shack warm in the winter.Wilcox also mfg a smaller xmtr that used a pair of 810'2 in the final. Same concept as the 96 series in that there was a common PS and modulator cabinet, with up to four separate RF cabinets, one for each operating frequency. Either one would have made a great "boat anchor" station if you had the room and man power. Great source of parts.
QSY this Wilcox topic to:
http://amfone.net/Amforum/index.php?action=printpage;topic=28467.0
Carry-on
Bill_Harris_w7kxb

To: T-368_BC-610@yahoogroups.com
From: afa6gg@...
Date: Sun, 20 Nov 2011 10:53:54 -0600
Subject: [T-368_BC-610] Re: BC-610 tank coils?

Just wondering if they are from a T-55? It is similar to a BC-610,

somewhere I have a TM for it and if I find the TM,I will check it out.

I am looking for a TM of a T-158 transmitter, (Wilcox 96), I have a TM

from a Wilcox 96-200 lf transmitter to trade.

Thanks, George W5GRG, AFA6GG

[Non-text portions of this message have been removed]

# 4820. Re: [T-368_BC-610] Re: BC-610 tank coils?

Yahoo group: T-368_BC-610
Date: 2011-11-20 18:08:08 UTC
From: wa5cab@cs.com
Topic: 4367  Message: 4820

George,

You may be on to something with the T-55/MRQ-2 (a modified BC-610-E). I don't have the AN/MRQ-2 manual but do have the Repair Manual on the T-55. One top view photo shows a tank coil with an external fixed link. The schematic of the tank coils (no clue to number of turns in the link) shows one end of the link and a tap (not drawn as center-tap) going to the jackbar and a flying lead from the other end of the link going to an external switch, apparently for connection to a rhombic. If you removed the flying lead or tied it off to somewhere safe it appears that the coil would still work in a regular 610 with a BC-939.

Nearest thing I have to your TM search is a manual on T-158C,D/FRT. TM 11-5034. And the manual number (TM 11-2671) but no manual for Wilcox 96A, 96C and 96C-3.

In a message dated 11/20/2011 10:54:00 AM Central Standard Time, afa6gg@... writes:
> Just wondering if they are from a T-55? It is similar to a BC-610,
> somewhere I have a TM for it and if I find the TM,I will check it out.
>
> I am looking for a TM of a T-158 transmitter, (Wilcox 96), I have a TM
> from a Wilcox 96-200 lf transmitter to trade.
> Thanks, George W5GRG, AFA6GG

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4821. Re: BC-610 tank coils?

Yahoo group: T-368_BC-610
Date: 2011-11-20 19:04:12 UTC
From: Roger Basford
Topic: 4367  Message: 4821

Hi All,

Found the following on the N7JP site:-

JAN Type: AN/MRQ-2
Nomenclature: Radio Set
Reference: TM 11-640
NSN: 2S3004-2
Components: T-55/MRQ-2 Radio Transmitter, BC-939A Antenna Tuning Unit, SCR-808A Radio Set, SA-24/MRQ-2 Antenna Switching Unit, C-110/MRQ-2 Control Box, URA-TI Training Generator, BC-614E Speech Amplifier, BC-342 Radio Receiver, BC-344 Radio Receiver, CU-45/MRQ-2 Antenna Coupling Unit, C-100/MRQ-2 Antenna Control Box, AS-51/MRQ-2 Antenna Assemblies, AS-93/MRQ-2 Antenna Assemblies, PE-95 Power Unit
Weight: 15920
Mode: 6A3, 2A2, 0.1A1
Frequency Range: 0.95-18 MHz
Power Input: 115 VAC 60 Hz
Power Output: CW: 400, MCW/AM: 300 W
Number of Channels: Continuous Tuning and 3 Crystal-Controlled Transmit Channels
Replaced By: TLQ-15
Part of: MRQ-2
Description: The MRQ-2 radio set is a modification of radio set SCR-399-A for use as a radio countermeasures unit. It is mounted in a hut, HO-17-A.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, wa5cab@... wrote:
>
> George,
>
> You may be on to something with the T-55/MRQ-2 (a modified BC-610-E). I
>

# 4822. Re: [T-368_BC-610] Wilcox xmtrs

Yahoo group: T-368_BC-610
Date: 2011-11-22 21:55:04 UTC
From: w5kgz@yahoo.com
Topic: 4367  Message: 4822

Hi Bill I had several wilcox xmitters on line while on duty in Greenland . It has been sixty years ago but it seem like
one power module served four rf modules..each with a pair of 450th in the finals . I do know tat several people lost their lives over not shorting the RF deck b+ when they were servicing them...Just afferming your statment...
Best of 73rds
Perry W5KGZ

---

From: Bill Harris <w7kxb@...>
To: "T-368_BC-610@yahoogroups.com" <t-368_bc-610@yahoogroups.com>
Sent: Sunday, November 20, 2011 11:26 AM
Subject: [T-368_BC-610] Wilcox xmtrs

I suspect a few Wilcox 96 rig's survived the scrap pile? A pair of 450's would sure keep the shack warm in the winter.Wilcox also mfg a smaller xmtr that used a pair of 810'2 in the final. Same concept as the 96 series in that there was a common PS and modulator cabinet, with up to four separate RF cabinets, one for each operating frequency. Either one would have made a great "boat anchor" station if you had the room and man power. Great source of parts.
QSY this Wilcox topic to:
http://amfone.net/Amforum/index.php?action=printpage;topic=28467.0
Carry-on
Bill_Harris_w7kxb

To: T-368_BC-610@yahoogroups.com
From: afa6gg@...
Date: Sun, 20 Nov 2011 10:53:54 -0600
Subject: [T-368_BC-610] Re: BC-610 tank coils?

Just wondering if they are from a T-55? It is similar to a BC-610,

somewhere I have a TM for it and if I find the TM,I will check it out.

I am looking for a TM of a T-158 transmitter, (Wilcox 96), I have a TM

from a Wilcox 96-200 lf transmitter to trade.

Thanks, George W5GRG, AFA6GG

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4823. Re: T-158, wilcox 96

Yahoo group: T-368_BC-610
Date: 2011-11-23 14:34:38 UTC
From: GRG
Topic: 4823  Message: 4823

My Wicox 96 came from my friends barn and I only have 1 rf section. I am "planning on" making a linear amplifier out of it since I only have the PA section and not all
of that either. Not sure how the 450TH's will work in linear service but I have an Eimac bulletin with some facts on that tube in that application
I have a old GE power supply that I plan on putting in the bottom of the cabinet., not sure it has enough output but it is a start so I will not be relying on the knob on the bottom to disconnect the rf deck from the remote ps. I guess some guys got shocked when they opened the cabinet to change the tap on the output coil.
I am missing the B+ rf choke so will have to make one of those if I don't have one laying around.
I hope to document the project. I would really like to find a roller for the output coil, someone got those, a picture would do it, I can make one.
Hope someone can find a TM for me, no luck on the net.
Thanks, George W5GRG, AFA6GG

# 4824. Re: Looking for a BC 610 E id plate

Yahoo group: T-368_BC-610
Date: 2011-11-24 07:20:25 UTC
From: Roger Basford
Topic: 3174  Message: 4824

Spotted this ebay dealer in nameplates in Poland today:-

http://tinyurl.com/6pd7x3a

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Tom Mackie" <tom_mackie@...> wrote:
>
> You might try the companies that reproduce Military Vehicle data plates
> as some will reproduce a plate if you have the artwork:
>
> http://www.mvdataplates.com/
>
>
>
> 73
>
> Tom W2ILA
>
>
>
> From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
> On Behalf Of Roger Basford
> Sent: Wednesday, November 09, 2011 1:56 PM
> To: T-368_BC-610@yahoogroups.com
> Subject: [T-368_BC-610] Re: Looking for a BC 610 E id plate
>
>
>
>
>
>
> Hi Mark,
>
> When I got my BC-610-E a few years ago it had a -D plate. I managed to
> find an -E plate on ebay, amongst a box of bits and pieces including the
> bowl fire element and the main contactor.
>
> Anyway, I digress; there is an ebayer, I think in Italy, who
> occasionally pops up selling BC-611 plates and I was about to ask him if
> he'd consider making a '610 plate when I found the one mentioned above.
> It's a long shot, but worth an e-mail if you can find him. A "BC-611"
> search would likely show him up.
>
> Alternatively, if a BC-610-D plate is of use to you, I can see if I can

> find the one I took off. Have a BC-939 plate too, somewhere!
>
> 73
>
> Roger/G3VKm - Norfolk, England.
>
> --- In T-368_BC-610@yahoogroups.com
> <mailto:T-368_BC-610%40yahoogroups.com> , Mark Foltarz <Foltarz@>
> wrote:
> >
> > Group,
> >
> > As the subject indicates, I am looking for a BC 610 E id plate that
> goes on the front of the xmtr.
> >
> > Tnx
> >
> > de KA4JVY
> >
> > Mark
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 4825. FS: 32 New Electrolytic Caps

Yahoo group: T-368_BC-610
Date: 2011-11-24 14:48:04 UTC
From: Bry Carling
Topic: 4825  Message: 4825

FOR SALE: QTY 32 - New Electrolytic Caps, radial leads.

QTY - Capacitance / DC Voltage

1 - 10 uF / 400V
1 - 33 uF / 350V
13 - 33 uF / 400V
1 - 47uF / 400V
4 - 47 uF / 450V
4 - 82 uF / 400V
2 - 220uF / 400V
3 - 270uF / 200V
2 - 330uF / 63V
1 - 470uF / 63V

Total of 32 new capacitors, great for amateur radio and other electronic applications.

Will sell the whole box for $12.00 plus shipping

73 - Brian, AF4K

[Non-text portions of this message have been removed]

# 4826. WTB Cabinet Blower for T-368C

Yahoo group: T-368_BC-610
Date: 2011-11-26 02:43:59 UTC
From: Mark J. Blair
Topic: 4826  Message: 4826

Hi! This is my first post to the group. I have a T-368C which I'm fixing up to put back on the air. My transmitter's original cabinet blower has been replaced by an ancient open-frame fan from Radio Shack and some rotting foam rubber. I understand that for ham use I may be able to get along without the original blower since I won't be doing RTTY 24-7 (though I may do some occasional RTTY with it). Some folks have suggested simply leaving the back cover off, but I don't want to do that for safety reasons: my dogs don't understand electricity. So, I'd prefer to replace the original blower, even if I end up bypassing it with a switch or thermostat to reduce noise. I'm trying to keep my transmitter in a fairly original configuration, though I'm not being 100% strict about that. For example, a previous owner had soldered romex to the power input connector pins, so it had to be replaced. I want a 3-wire grounded line cord, but 3-wire twist-locks are too large to fit in the lower cabinet rail, so replaced the original connector with a cable clamp and hard-wired my new line cord to a 3-terminal barrier strip that I installed inside the cabinet.

Ok, enough rambling... Do any of y'all have an extra cabinet blower assembly lying around that I might buy or trade for?

If I can't get an original blower, I'll probably install a new, high-quality muffin fan. I'm not sure how much air flow I'll need to keep the case at a good temperature. In any case, I might wire in a thermostat or something if I find that the fan makes more noise than is needed to keep the cabinet cool. Wait, there I go rambling again!

Thanks in advance for any leads!

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 4827. Cleaning up silver-plated coils?

Yahoo group: T-368_BC-610
Date: 2011-11-26 05:48:13 UTC
From: Mark J. Blair
Topic: 4827  Message: 4827

[Cross-posted to T-368_BC-610 and Armyradios]

The silver-plated stuff in my T-368C is pretty tarnished. I've been cleaning up the moving contacts, but I'm wondering whether it's better to clean up the coils and straps or just leave them alone. Here's a picture of the big coil in my RF deck:

http://gallery.me.com/nf6x#100063/IMG_1566_2&bgcolor=dkgrey

It's about the dirtiest-looking plated part in my radio. Most of the silver-plated stuff has gray to black tarnish that cleans easily with Tarn-X, but the coil also has lots of bluish spots. I don't know what'll happen if I try cleaning the bluish spots, so I figured I should ask before trying. Are the blue spots areas where the plating is gone and the underlying copper has corroded?

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 4828. Re: [T-368_BC-610] WTB Cabinet Blower for T-368C

Yahoo group: T-368_BC-610
Date: 2011-11-29 01:06:32 UTC
From: Joe Foley
Topic: 4826  Message: 4828

MARK!

How ya' doin?

What truck are you going to put this in?

Don't worry about the noise from a muffin fan it can't possibly be any louder than the original.

READ the notes and such on the website for this list we have a TON of good stuff there including a start-up manual.

Joe KG2CI list owner.

I sold my deuce to someone in Mass.

--- On Fri, 11/25/11, Mark J. Blair <nf6x@...> wrote:

From: Mark J. Blair <nf6x@...>
Subject: [T-368_BC-610] WTB Cabinet Blower for T-368C
To: "T-368_BC-610 Group" <T-368_BC-610@yahoogroups.com>
Date: Friday, November 25, 2011, 9:43 PM

Hi! This is my first post to the group. I have a T-368C which I'm fixing up to put back on the air. My transmitter's original cabinet blower has been replaced by an ancient open-frame fan from Radio Shack and some rotting foam rubber. I understand that for ham use I may be able to get along without the original blower since I won't be doing RTTY 24-7 (though I may do some occasional RTTY with it). Some folks have suggested simply leaving the back cover off, but I don't want to do that for safety reasons: my dogs don't understand electricity. So, I'd prefer to replace the original blower, even if I end up bypassing it with a switch or thermostat to reduce noise. I'm trying to keep my transmitter in a fairly original configuration, though I'm not being 100% strict about that. For example, a previous owner had soldered romex to the power input connector pins, so it had to be replaced. I want a 3-wire grounded line cord, but 3-wire twist-locks are too large to fit in the lower cabinet rail, so replaced the original connector with a cable clamp and hard-wired my new line cord to a 3-terminal barrier strip that I installed inside the cabinet.

Ok, enough rambling... Do any of y'all have an extra cabinet blower assembly lying around that I might buy or trade for?

If I can't get an original blower, I'll probably install a new, high-quality muffin fan. I'm not sure how much air flow I'll need to keep the case at a good temperature. In any case, I might wire in a thermostat or something if I find that the fan makes more noise than is needed to keep the cabinet cool. Wait, there I go rambling again!

Thanks in advance for any leads!

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

[Non-text portions of this message have been removed]

# 4829. Re: [T-368_BC-610] WTB Cabinet Blower for T-368C

Yahoo group: T-368_BC-610
Date: 2011-11-29 14:13:29 UTC
From: James M. Walker
Topic: 4826  Message: 4829

Joe can you advie ne as to my user group name and password?
Thanks for the help
Jim
WB2FCN

----- Original Message -----
From: "Joe Foley" <redmenaced@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Monday, November 28, 2011 8:06 PM
Subject: Re: [T-368_BC-610] WTB Cabinet Blower for T-368C

MARK!

How ya' doin?

What truck are you going to put this in?

Don't worry about the noise from a muffin fan it can't possibly be any
louder than the original.

READ the notes and such on the website for this list we have a TON of good
stuff there including a start-up manual.

Joe KG2CI list owner.

I sold my deuce to someone in Mass.

--- On Fri, 11/25/11, Mark J. Blair <nf6x@...> wrote:

From: Mark J. Blair <nf6x@...>
Subject: [T-368_BC-610] WTB Cabinet Blower for T-368C
To: "T-368_BC-610 Group" <T-368_BC-610@yahoogroups.com>
Date: Friday, November 25, 2011, 9:43 PM

Hi! This is my first post to the group. I have a T-368C which I'm fixing up
to put back on the air. My transmitter's original cabinet blower has been
replaced by an ancient open-frame fan from Radio Shack and some rotting foam
rubber. I understand that for ham use I may be able to get along without the
original blower since I won't be doing RTTY 24-7 (though I may do some
occasional RTTY with it). Some folks have suggested simply leaving the back
cover off, but I don't want to do that for safety reasons: my dogs don't
understand electricity. So, I'd prefer to replace the original blower, even
if I end up bypassing it with a switch or thermostat to reduce noise. I'm
trying to keep my transmitter in a fairly original configuration, though I'm
not being 100% strict about that. For example, a previous owner had soldered
romex to the power input connector pins, so it had to be replaced. I want a
3-wire grounded line cord, but 3-wire twist-locks are too large
to fit in the lower cabinet rail, so replaced the original connector with a

cable clamp and hard-wired my new line cord to a 3-terminal barrier strip that I installed inside the cabinet.

Ok, enough rambling... Do any of y'all have an extra cabinet blower assembly lying around that I might buy or trade for?

If I can't get an original blower, I'll probably install a new, high-quality muffin fan. I'm not sure how much air flow I'll need to keep the case at a good temperature. In any case, I might wire in a thermostat or something if I find that the fan makes more noise than is needed to keep the cabinet cool. Wait, there I go rambling again!

Thanks in advance for any leads!

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

# 4830. Re: [T-368_BC-610] WTB Cabinet Blower for T-368C

Yahoo group: T-368_BC-610
Date: 2011-11-29 15:32:57 UTC
From: Mark J. Blair
Topic: 4826  Message: 4830

On Nov 28, 2011, at 5:06 PM, Joe Foley wrote:
> MARK!
>
> How ya' doin?

Hi! Doing good!

> What truck are you going to put this in?

This one goes inside the house, in my Secret Laboratory.

> Don't worry about the noise from a muffin fan it can't possibly be any louder than the original.

I have an original blower on the way to me now. Amazingly, the fellow who offered to me wanted something in trade that I actually had! That doesn't happen too often in my experience.

> READ the notes and such on the website for this list we have a TON of good stuff there including a start-up manual.
>
> Joe KG2CI list owner.
>
> I sold my deuce to someone in Mass.

I'm down to one deuce, and I haven't done any significant MV stuff in the last few years. It'll bubble back up to the top of my hobby list eventually! Right now I'm going through another mil radio phase. I have too many hobbies to do them all at once! :)

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 4831. RE: [T-368_BC-610] WTB Cabinet Blower for T-368C

Yahoo group: T-368_BC-610
Date: 2011-11-29 15:43:51 UTC
From: Tom Mackie
Topic: 4826  Message: 4831

Mark,

Be sure the blower for the 4-400 is operating and all of the screws are in place for the 4-400 shield under its chassis (and copper chimney is ok on top of the chassis).

The original squirrel cage blower on the back of the cabinet is noisy and I replaced mine with a 4" muffin fan.. There are no plans to operate RTTY 24/7 in the tropics so the airflow with the muffin fan has been enough to keep the T3 reliable for the past 20 years.

Let us know when you are on the air.

Tom W2ILA

I'm down to one deuce, and I haven't done any significant MV stuff in the last few years. It'll bubble back up to the top of my hobby list eventually! Right now I'm going through another mil radio phase. I have too many hobbies to do them all at once! :)

--
Mark J. Blair, NF6X <nf6x@... <mailto:nf6x%40nf6x.net> >
http://www.nf6x.net/

[Non-text portions of this message have been removed]

# 4832. Re: [T-368_BC-610] WTB Cabinet Blower for T-368C

Yahoo group: T-368_BC-610
Date: 2011-11-30 00:13:12 UTC
From: Mark J. Blair
Topic: 4826  Message: 4832

I'll definitely let the group know when it's up and running, and I'll be using it on the weekly west coast MRCG net at the very least!

I have my PA blower motor out right now to replace its bearings. One bearing was all gummed up with dried grease. Adding some synthetic oil freed it right up, but it still felt a little bit rough to me so I decided to replace the bearings. I'll order up the replacement bearings after my cabinet blower arrives and I see if it wants new bearings, too. Thanks for the warning to check the screws around the PA tube.

P.S.: I also have a nice collection of various Trimble Trimpacks. :)

--
Mark J. Blair, NF6X <nf6x@...>
Web page: http://www.nf6x.net/

# 4833. Re: [T-368_BC-610] WTB Cabinet Blower for T-368C

Yahoo group: T-368_BC-610
Date: 2011-12-01 07:56:12 UTC
From: Mark J. Blair
Topic: 4826  Message: 4833

On Nov 30, 2011, at 3:52 PM, Joe Foley wrote:
> Where'd you find this beast?
>
> Tell us a good story.

So there I was... looking for a T-368 on eBay, as I had been for a while. Suddenly, in late 2007, one appeared! It wasn't in pristine condition, and it'd need some work, but it had one very attractive feature: It wasn't on the opposite coast! In fact, it was pretty close to me. I don't remember where, but certainly within a hundred miles. Having tired of silliness like buying a $6500 truck from a guy in Maryland and then spending an additional $5500 getting it shipped to me in southern California, I decided that *this* T-368C was my perfect match.

So I bought it.

Then I stuck it in one of my sea containers, since I was beginning a home construction project.

Then a few years later, I finally got around to loading it into my new house, which naturally involved the use of my Bobcat, what with the radio weighing 750 pounds and my house having steps up to the front porch and all.

And thus we find ourselves here in the last moments of November, 2011, as a wind storm howls outside and I idly contemplate whether my GRA-4 mast will come bursting in through the window to get out of the cold. At least I assume it's cold; I don't feel like sticking my head out the door to find out. Let's just say that it's bitterly cold, because that makes the story better. Heck, as long as we're embellishing, let's make it a howling blizzard. Of snow. Snake-infested snow, even, and probably uphill both ways.

fini

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 4834. Re: [T-368_BC-610] WTB Cabinet Blower for T-368C

Yahoo group: T-368_BC-610
Date: 2011-12-02 00:45:41 UTC
From: Joe Foley
Topic: 4826  Message: 4834

Jeez, you're in California for crying out loud!!

How bad could it be???

I mean you've got a T3 to hold the house down!

Good thing you got it inside in time!

You know,.... an AB-577 mast makes a really cool Christmas tree with a few strings of lights and a 4' star made out of an old corrugated plastic beer sign.

Joe

--- On Thu, 12/1/11, Mark J. Blair <nf6x@...> wrote:

From: Mark J. Blair <nf6x@...>
Subject: Re: [T-368_BC-610] WTB Cabinet Blower for T-368C
To: "T-368_BC-610 Group Group" <T-368_BC-610@yahoogroups.com>
Date: Thursday, December 1, 2011, 2:56 AM

On Nov 30, 2011, at 3:52 PM, Joe Foley wrote:

> Where'd you find this beast?

>

> Tell us a good story.

So there I was... looking for a T-368 on eBay, as I had been for a while. Suddenly, in late 2007, one appeared! It wasn't in pristine condition, and it'd need some work, but it had one very attractive feature: It wasn't on the opposite coast! In fact, it was pretty close to me. I don't remember where, but certainly within a hundred miles. Having tired of silliness like buying a $6500 truck from a guy in Maryland and then spending an additional $5500 getting it shipped to me in southern California, I decided that *this* T-368C was my perfect match.

So I bought it.

Then I stuck it in one of my sea containers, since I was beginning a home construction project.

Then a few years later, I finally got around to loading it into my new house, which naturally involved the use of my Bobcat, what with the radio weighing 750 pounds and my house having steps up to the front porch and all.

And thus we find ourselves here in the last moments of November, 2011, as a wind storm howls outside and I idly contemplate whether my GRA-4 mast will come bursting in through the window to get out of the cold. At least I assume it's cold; I don't feel like sticking my head out the door to find out. Let's just say that it's bitterly cold, because that

makes the story better. Heck, as long as we're embellishing, let's make it a howling blizzard. Of snow. Snake-infested snow, even, and probably uphill both ways.

fini

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Mark J. Blair, NF6X <nf6x@...>

http://www.nf6x.net/

[Non-text portions of this message have been removed]

# 4835. RE: [T-368_BC-610] WTB Cabinet Blower for T-368C

Yahoo group: T-368_BC-610
Date: 2011-11-30 13:45:54 UTC
From: Tom Mackie
Topic: 4826  Message: 4835

Trimpack! Patton would have called that "the greatest battle implement ever invented".

This winter let us know when you can try a call at 0500EST on 3885 for the Old Military Radio Net.

73

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
On Behalf Of Mark J. Blair
Sent: Tuesday, November 29, 2011 7:13 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] WTB Cabinet Blower for T-368C

I'll definitely let the group know when it's up and running, and I'll be using it on the weekly west coast MRCG net at the very least!

I have my PA blower motor out right now to replace its bearings. One bearing was all gummed up with dried grease. Adding some synthetic oil freed it right up, but it still felt a little bit rough to me so I decided to replace the bearings. I'll order up the replacement bearings after my cabinet blower arrives and I see if it wants new bearings, too. Thanks for the warning to check the screws around the PA tube.

P.S.: I also have a nice collection of various Trimble Trimpacks. :)

--
Mark J. Blair, NF6X <nf6x@... <mailto:nf6x%40nf6x.net> >
Web page: http://www.nf6x.net/

[Non-text portions of this message have been removed]

# 4836. Re: [T-368_BC-610] WTB Cabinet Blower for T-368C

Yahoo group: T-368_BC-610
Date: 2011-12-02 01:06:33 UTC
From: Mark J. Blair
Topic: 4826  Message: 4836

Oh, I have a Garand, too, naturally! :)

--
Mark J. Blair, NF6X <nf6x@...>
Web page: http://www.nf6x.net/

On Nov 30, 2011, at 5:45, "Tom Mackie" <tom_mackie@...> wrote:

> Trimpack! Patton would have called that "the greatest battle implement
> ever invented".
>
> This winter let us know when you can try a call at 0500EST on 3885 for
> the Old Military Radio Net.
>
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> 73
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> From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
> On Behalf Of Mark J. Blair
> Sent: Tuesday, November 29, 2011 7:13 PM
> To: T-368_BC-610@yahoogroups.com
> Subject: Re: [T-368_BC-610] WTB Cabinet Blower for T-368C
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>
> I'll definitely let the group know when it's up and running, and I'll be
> using it on the weekly west coast MRCG net at the very least!
>
> I have my PA blower motor out right now to replace its bearings. One
> bearing was all gummed up with dried grease. Adding some synthetic oil
> freed it right up, but it still felt a little bit rough to me so I
> decided to replace the bearings. I'll order up the replacement bearings
> after my cabinet blower arrives and I see if it wants new bearings, too.
> Thanks for the warning to check the screws around the PA tube.
>
> P.S.: I also have a nice collection of various Trimble Trimpacks. :)
>
> --
> Mark J. Blair, NF6X <nf6x@... <mailto:nf6x%40nf6x.net> >
> Web page: http://www.nf6x.net/
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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# 4837. Re: [T-368_BC-610] WTB Cabinet Blower for T-368C

Yahoo group: T-368_BC-610
Date: 2011-12-02 01:08:55 UTC
From: Mark J. Blair
Topic: 4826  Message: 4837

Hey, you asked for a good story! So I made one up! :)

Nice idea on the antenna mast tree. Hmm, I could pull up a cone of Xmas tree lights with the halyard...

--
Mark J. Blair, NF6X <nf6x@...>
Web page: http://www.nf6x.net/

On Dec 1, 2011, at 16:45, Joe Foley <redmenaced@...> wrote:

> Jeez, you're in California for crying out loud!!
>
> How bad could it be???
>
> I mean you've got a T3 to hold the house down!
>
> Good thing you got it inside in time!
>
> You know,.... an AB-577 mast makes a really cool Christmas tree with a few strings of lights and a 4' star made out of an old corrugated plastic beer sign.
>
> Joe
>
>
>
>
> --- On Thu, 12/1/11, Mark J. Blair <nf6x@...> wrote:
>
> From: Mark J. Blair <nf6x@nf6x.net>
> Subject: Re: [T-368_BC-610] WTB Cabinet Blower for T-368C
> To: "T-368_BC-610 Group Group" <T-368_BC-610@yahoogroups.com>
> Date: Thursday, December 1, 2011, 2:56 AM
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> On Nov 30, 2011, at 3:52 PM, Joe Foley wrote:
>
>> Where'd you find this beast?
>
>>
>
>> Tell us a good story.
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>
>
> So there I was... looking for a T-368 on eBay, as I had been for a while. Suddenly, in late 2007, one appeared! It wasn't in pristine condition, and it'd need some work, but it had one very attractive feature: It wasn't on the opposite coast! In fact, it was pretty close to me. I don't remember where, but certainly within a hundred miles. Having tired of silliness like buying a $6500 truck from a guy in Maryland and then spending an additional $5500 getting it shipped to me in southern California, I decided that *this* T-368C was my perfect match.
>
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> So I bought it.
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>
> Then I stuck it in one of my sea containers, since I was beginning a home construction project.
>
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>
> Then a few years later, I finally got around to loading it into my new house, which naturally involved the use of my Bobcat, what with the radio weighing 750 pounds and my house having steps up to the front porch and all.
>
>
>

> And thus we find ourselves here in the last moments of November, 2011, as a wind storm howls outside and I idly contemplate whether my GRA-4 mast will come bursting in through the window to get out of the cold. At least I assume it's cold; I don't feel like sticking my head out the door to find out. Let's just say that it's bitterly cold, because that makes the story better. Heck, as long as we're embellishing, let's make it a howling blizzard. Of snow. Snake-infested snow, even, and probably uphill both ways.
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> Mark J. Blair, NF6X <nf6x@...>
>
> http://www.nf6x.net/
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> Yahoo! Groups Links
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# 4838. Re: [T-368_BC-610] WTB Cabinet Blower for T-368C

Yahoo group: T-368_BC-610
Date: 2011-12-02 01:11:28 UTC
From: Joe Foley
Topic: 4826  Message: 4838

Hey, you asked for a good story! So I made one up! :)

Nice idea on the antenna mast tree. Hmm, I could pull up a cone of Xmas tree lights with the halyard...
+++++++++That was a good story, very creative.
I just used the guy wire ring and cranked it up after I had everything attached.
Joe

[Non-text portions of this message have been removed]

# 4839. Re: [T-368_BC-610] WTB Cabinet Blower for T-368C

Yahoo group: T-368_BC-610
Date: 2011-12-02 01:29:03 UTC
From: mac
Topic: 4826  Message: 4839

Mark,

That's 0200 our time! Have done it a few times but that's Godawful
early (for me anyway)... :^(

Dennis D. W7QHO
Glendale, CA

***************
On Nov 30, 2011, at 5:45 AM, Tom Mackie wrote:

> This winter let us know when you can try a call at 0500EST on 3885 for
> the Old Military Radio Net.

[Non-text portions of this message have been removed]

# 4840. Re: [T-368_BC-610] WTB Cabinet Blower for T-368C

Yahoo group: T-368_BC-610
Date: 2011-12-02 01:34:46 UTC
From: Mark J. Blair
Topic: 4826  Message: 4840

I'd have to come at it from the other side: late, not early. Wouldn't be a problem if it wasn't for work!

--
Mark J. Blair, NF6X <nf6x@...>
Web page: http://www.nf6x.net/

On Dec 1, 2011, at 17:29, mac <w7qho@...> wrote:

> Mark,
>
> That's 0200 our time! Have done it a few times but that's Godawful early (for me anyway)... :^(
>
> Dennis D. W7QHO
> Glendale, CA
>
> ***************
>
> On Nov 30, 2011, at 5:45 AM, Tom Mackie wrote:
>
>> This winter let us know when you can try a call at 0500EST on 3885 for
>> the Old Military Radio Net.
>

[Non-text portions of this message have been removed]

# 4841. Re: [T-368_BC-610] WTB Cabinet Blower for T-368C

Yahoo group: T-368_BC-610
Date: 2011-12-02 04:25:23 UTC
From: Glen Galati
Topic: 4826  Message: 4841

---

From: Mark J. Blair <nf6x@...>
To: "T-368_BC-610@yahoogroups.com" <T-368_BC-610@yahoogroups.com>
Sent: Thu, December 1, 2011 5:34:46 PM
Subject: Re: [T-368_BC-610] WTB Cabinet Blower for T-368C

I'd have to come at it from the other side: late, not early. Wouldn't be a
problem if it wasn't for work!

--
Mark J. Blair, NF6X <nf6x@...>
Web page: http://www.nf6x.net/

On Dec 1, 2011, at 17:29, mac <w7qho@...> wrote:

> Mark,
>
> That's 0200 our time! Have done it a few times but that's Godawful early (for
>me anyway)... :^(
>
> Dennis D. W7QHO
> Glendale, CA
>
> **********
>
> On Nov 30, 2011, at 5:45 AM, Tom Mackie wrote:
>
>> This winter let us know when you can try a call at 0500EST on 3885 for
>> the Old Military Radio Net.
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4842. Re-gluing 3B28 base

Yahoo group: T-368_BC-610
Date: 2011-12-18 08:23:19 UTC
From: Mark J. Blair
Topic: 4842  Message: 4842

I have a pair of NOS (?) 3B28 high voltage rectifier tubes for my T-368C transmitter that I'm fixing up, and I found that the glue has come loose on one of the bases. This is particularly bad because they go into twist-lock sockets that don't leave the base exposed, making it difficult to install/remove the tube without being able to twist it by the glass envelope.

I'm considering using JB-weld epoxy to re-glue the base, since I think it should be able to handle the heat. Do any of y'all have success or disaster stories about that?

Interestingly, when the envelope came free of the base, it slid right out. The two filament leads don't appear to have been properly soldered into the pins, and I don't see solder residue on them. I was also surprised to see that the leads are stranded wire, mated to the solid pins that pass through the glass envelope. Previous tubes that I've seen baseless had solid wire leads which extended all the way through the glass envelope. I suppose that the heavier wire leads needed for this tube would have been too stiff (and thus put too much stress on the glass/metal seal when flexed) if they were solid.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 4843. Re: [T-368_BC-610] Re-gluing 3B28 base

Yahoo group: T-368_BC-610
Date: 2011-12-18 15:31:57 UTC
From: rbethman
Topic: 4842  Message: 4843

Mark,

These are also used in the BC-610s.

Being straight with you, I'd obtain another 3B28 and NOT mess with soldering and gluing.

A GOOD solid tube is a MUCH better bet than going through what you are looking at doing. The downsides are too great. You just don't need the possible failure mode.

It is cheaper to find another good one, rather than have a failure. A failure can get expensive fast.

My $0.02 worth.

Bob - N0DGN

On 12/18/2011 3:23 AM, Mark J. Blair wrote:
>
>
> I have a pair of NOS (?) 3B28 high voltage rectifier tubes for my
> T-368C transmitter that I'm fixing up, and I found that the glue has
> come loose on one of the bases. This is particularly bad because they
> go into twist-lock sockets that don't leave the base exposed, making
> it difficult to install/remove the tube without being able to twist it
> by the glass envelope.
>
> I'm considering using JB-weld epoxy to re-glue the base, since I think
> it should be able to handle the heat. Do any of y'all have success or
> disaster stories about that?
>
> Interestingly, when the envelope came free of the base, it slid right
> out. The two filament leads don't appear to have been properly
> soldered into the pins, and I don't see solder residue on them. I was
> also surprised to see that the leads are stranded wire, mated to the
> solid pins that pass through the glass envelope. Previous tubes that
> I've seen baseless had solid wire leads which extended all the way
> through the glass envelope. I suppose that the heavier wire leads
> needed for this tube would have been too stiff (and thus put too much
> stress on the glass/metal seal when flexed) if they were solid.
>
> --
> Mark J. Blair, NF6X <nf6x@... <mailto:nf6x%40nf6x.net>>
> http://www.nf6x.net/
>

[Non-text portions of this message have been removed]

# 4844. Re: [T-368_BC-610] Re-gluing 3B28 base

Yahoo group: T-368_BC-610
Date: 2011-12-18 16:00:35 UTC
From: Ken Schwieker
Topic: 4842  Message: 4844

Here is a link that might be a help.
http://www.diyaudio.com/forums/tubes-valves/157600-loose-tube-bases.html
Good luck,
Ken S

At 02:23 AM 12/18/2011, you wrote:
>
>
>
>I have a pair of NOS (?) 3B28 high voltage
>rectifier tubes for my T-368C transmitter that
>I'm fixing up, and I found that the glue has
>come loose on one of the bases. This is
>particularly bad because they go into twist-lock
>sockets that don't leave the base exposed,
>making it difficult to install/remove the tube
>without being able to twist it by the glass envelope.
>
>I'm considering using JB-weld epoxy to re-glue
>the base, since I think it should be able to
>handle the heat. Do any of y'all have success or disaster stories about that?
>
>Interestingly, when the envelope came free of
>the base, it slid right out. The two filament
>leads don't appear to have been properly
>soldered into the pins, and I don't see solder
>residue on them. I was also surprised to see
>that the leads are stranded wire, mated to the
>solid pins that pass through the glass envelope.
>Previous tubes that I've seen baseless had solid
>wire leads which extended all the way through
>the glass envelope. I suppose that the heavier
>wire leads needed for this tube would have been
>too stiff (and thus put too much stress on the
>glass/metal seal when flexed) if they were solid.
>
>--
>Mark J. Blair, NF6X <<mailto:nf6x%40nf6x.net>nf6x@nf6x.net>
>http://www.nf6x.net/
>
>

[Non-text portions of this message have been removed]

# 4845. Re: [T-368_BC-610] Re-gluing 3B28 base

Yahoo group: T-368_BC-610
Date: 2011-12-18 16:08:22 UTC
From: Mark Foltarz
Topic: 4842  Message: 4845

Mark,

  Yes, JB Weld did the trick for me on my 3B28s in my T3.
  I repaired them several years ago and they keep working.

 Also,  JB weld did a fine job of sealing a leak on  an insulator on the plate transformer
!
That repair has lasted for 5 years now.

 73

 de KA4JVY

Mark

>_________________________________
> From: Mark J. Blair <nf6x@...>
>To: T-368_BC-610 Group Group <T-368_BC-610@yahoogroups.com>
>Sent: Sunday, December 18, 2011 3:23 AM
>Subject: [T-368_BC-610] Re-gluing 3B28 base
>
>
>
>
>I have a pair of NOS (?) 3B28 high voltage rectifier tubes for my T-368C transmitter that I'm fixing up, and I found that the glue has come loose on one of the bases. This is particularly bad because they go into twist-lock sockets that don't leave the base exposed, making it difficult to install/remove the tube without being able to twist it by the glass envelope.
>
>I'm considering using JB-weld epoxy to re-glue the base, since I think it should be able to handle the heat. Do any of y'all have success or disaster stories about that?
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>Interestingly, when the envelope came free of the base, it slid right out. The two filament leads don't appear to have been properly soldered into the pins, and I don't see solder residue on them. I was also surprised to see that the leads are stranded wire, mated to the solid pins that pass through the glass envelope. Previous tubes that I've seen baseless had solid wire leads which extended all the way through the glass envelope. I suppose that the heavier wire leads needed for this tube would have been too stiff (and thus put too much stress on the glass/metal seal when flexed) if they were solid.
>
>--
>Mark J. Blair, NF6X <nf6x@...>
>http://www.nf6x.net/
>
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>
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[Non-text portions of this message have been removed]

# 4846. Re: [T-368_BC-610] Re-gluing 3B28 base

Yahoo group: T-368_BC-610
Date: 2011-12-18 16:49:08 UTC
From: rbethman
Topic: 4842  Message: 4846

*IF* it was ONLY a loose base, I would agree.

BUT, in this instance he is looking at - First, tinning and soldering leads in a base where he CAN'T be positive of the lead placement. Second, then gluing the base to the tube envelope.

That is why I said it is cheaper and better insurance to obtain a good 3B28 rather than repair and glue.

I'd hate to see someone cause damage to an old radio that "could" be expensive to repair.

3B28s are all over the place, and fairly inexpensive.

Bob - N0DGN

On 12/18/2011 11:08 AM, Mark Foltarz wrote:
>
> Mark,
>
> Yes, JB Weld did the trick for me on my 3B28s in my T3.
> I repaired them several years ago and they keep working.
>
> Also, JB weld did a fine job of sealing a leak on an insulator on
> the plate transformer !
> That repair has lasted for 5 years now.
>
> 73
>
> de KA4JVY
>
> Mark
>

[Non-text portions of this message have been removed]

# 4847. Re: [T-368_BC-610] Digest Number 1738

Yahoo group: T-368_BC-610
Date: 2011-12-18 16:54:33 UTC
From: GRG
Topic: 4847  Message: 4847

I never tried it but the red RTV silicone used on exhaust manifolds
should work ok. The leads probably melted the solder due to overheating
Good Luck, George W5GRG,AFA6GG

On 12/18/2011 6:37 AM, T-368_BC-610@yahoogroups.com wrote:
> There is 1 message in this issue.
>
> Topics in this digest:
>
> 1. Re-gluing 3B28 base
> From: Mark J. Blair
>
>
> Message
> _____
> 1. Re-gluing 3B28 base
> Posted by: "Mark J. Blair" nf6x@... mark_nf6x
> Date: Sun Dec 18, 2011 12:23 am ((PST))
>
>
> I have a pair of NOS (?) 3B28 high voltage rectifier tubes for my T-368C transmitter that I'm fixing up, and I found that the glue has come loose on one of the bases. This is particularly bad because they go into twist-lock sockets that don't leave the base exposed, making it difficult to install/remove the tube without being able to twist it by the glass envelope.
>
> I'm considering using JB-weld epoxy to re-glue the base, since I think it should be able to handle the heat. Do any of y'all have success or disaster stories about that?
>
> Interestingly, when the envelope came free of the base, it slid right out. The two filament leads don't appear to have been properly soldered into the pins, and I don't see solder residue on them. I was also surprised to see that the leads are stranded wire, mated to the solid pins that pass through the glass envelope. Previous tubes that I've seen baseless had solid wire leads which extended all the way through the glass envelope. I suppose that the heavier wire leads needed for this tube would have been too stiff (and thus put too much stress on the glass/metal seal when flexed) if they were solid.
>
>

# 4848. Re: [T-368_BC-610] Digest Number 1738

Yahoo group: T-368_BC-610
Date: 2011-12-18 17:49:07 UTC
From: Brian Harris
Topic: 4847  Message: 4848

While I have not used it, a lot of others recommend stove cement, which is apparently the stuff used to put stove vent pipes together.

Brian Harris
cell 214-763-5977
email cosmophone@...

_____
From: GRG <afa6gg@...>
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, December 18, 2011 10:54 AM
Subject: Re: [T-368_BC-610] Digest Number 1738

I never tried it but the red RTV silicone used on exhaust manifolds
should work ok. The leads probably melted the solder due to overheating
Good Luck, George W5GRG,AFA6GG

On 12/18/2011 6:37 AM, T-368_BC-610@yahoogroups.com wrote:
> There is 1 message in this issue.
>
> Topics in this digest:
>
> 1. Re-gluing 3B28 base
> From: Mark J. Blair
>
>
> Message
> _____
> 1. Re-gluing 3B28 base
> Posted by: "Mark J. Blair" nf6x@... mark_nf6x
> Date: Sun Dec 18, 2011 12:23 am ((PST))
>
>
> I have a pair of NOS (?) 3B28 high voltage rectifier tubes for my T-368C transmitter that I'm fixing up, and I found that the glue has come loose on one of the bases. This is particularly bad because they go into twist-lock sockets that don't leave the base exposed, making it difficult to install/remove the tube without being able to twist it by the glass envelope.
>
> I'm considering using JB-weld epoxy to re-glue the base, since I think it should be able to handle the heat. Do any of y'all have success or disaster stories about that?
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> Interestingly, when the envelope came free of the base, it slid right out. The two filament leads don't appear to have been properly soldered into the pins, and I don't see solder residue on them. I was also surprised to see that the leads are stranded wire, mated to the solid pins that pass through the glass envelope. Previous tubes that I've seen

baseless had solid wire leads which extended all the way through the glass envelope. I suppose that the heavier wire leads needed for this tube would have been too stiff (and thus put too much stress on the glass/metal seal when flexed) if they were solid.
>
>

[Non-text portions of this message have been removed]

# 4849. Re: [T-368_BC-610] Re-gluing 3B28 base

Yahoo group: T-368_BC-610
Date: 2011-12-18 17:51:09 UTC
From: Mark J. Blair
Topic: 4842  Message: 4849

On Dec 18, 2011, at 08:49 , rbethman wrote:
> *IF* it was ONLY a loose base, I would agree.
>
> BUT, in this instance he is looking at - First, tinning and soldering
> leads in a base where he CAN'T be positive of the lead placement.
> Second, then gluing the base to the tube envelope.
>
> That is why I said it is cheaper and better insurance to obtain a good
> 3B28 rather than repair and glue.
>
> I'd hate to see someone cause damage to an old radio that "could" be
> expensive to repair.
>
> 3B28s are all over the place, and fairly inexpensive.

My separated tube looked pristine until the base came loose, and only then did I learn that the pins weren't properly soldered. Once I resolder the pins on my tube myself, I'll be confident that they're well-soldered. Heck, if I solder them before the adhesive sets, I can make sure that they're soldered by verifying that they're holding the envelope in place.

Seriously, if I don't even attempt a simple repair of a consumable item that will never be manufactured again because I "could" make a mistake doing so, then I'm in the wrong hobby.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 4850. Re: [T-368_BC-610] Re-gluing 3B28 base

Yahoo group: T-368_BC-610
Date: 2011-12-18 17:57:48 UTC
From: Mark J. Blair
Topic: 4847  Message: 4850

On Dec 18, 2011, at 08:54 , GRG wrote:
> I never tried it but the red RTV silicone used on exhaust manifolds
> should work ok. The leads probably melted the solder due to overheating
> Good Luck, George W5GRG,AFA6GG

On another list, one of the responders suggested electronics-grade RTV due to concern about epoxy cracking the glass (and others did report success with JB-Weld). I happen to have some Dow-Corning #748 non-corrosive RTV. It's rated for use at up to 350 degrees F (177 degrees C). I think that should be adequate to survive the heat during operation, but do any of y'all happen to know the normal glass temperature for this sort of tube?

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 4851. Re: [T-368_BC-610] Re-gluing 3B28 base

Yahoo group: T-368_BC-610
Date: 2011-12-18 18:30:31 UTC
From: rbethman
Topic: 4842  Message: 4851

Mark,

It is NOT my intent to insult your ability or your desire to preserve something no longer produced.

I too, have been repairing my own radios since I became licensed in 1980.

I procured spares for mine.

I DO understand the view. I also KNOW that the major power supply components for both the T-368s AND the BC-610s are hard to come by.

That is what drove my post.

I'll back away and leave you alone.

Bob - N0DGN

On 12/18/2011 12:51 PM, Mark J. Blair wrote:
> My separated tube looked pristine until the base came loose, and only
> then did I learn that the pins weren't properly soldered. Once I
> resolder the pins on my tube myself, I'll be confident that they're
> well-soldered. Heck, if I solder them before the adhesive sets, I can
> make sure that they're soldered by verifying that they're holding the
> envelope in place.
>
>
> Seriously, if I don't even attempt a simple repair of a consumable
> item that will never be manufactured again because I "could" make a
> mistake doing so, then I'm in the wrong hobby.
>
> --
> Mark J. Blair, NF6X <nf6x@... <mailto:nf6x%40nf6x.net>>
> http://www.nf6x.net/
>

[Non-text portions of this message have been removed]

# 4852. Re: [T-368_BC-610] Re-gluing 3B28 base

Yahoo group: T-368_BC-610
Date: 2011-12-18 18:54:02 UTC
From: Mark J. Blair
Topic: 4842  Message: 4852

On Dec 18, 2011, at 10:30 , rbethman wrote:
> It is NOT my intent to insult your ability or your desire to preserve
> something no longer produced.
>
> I too, have been repairing my own radios since I became licensed in 1980.
>
> I procured spares for mine.
>
> I DO understand the view. I also KNOW that the major power supply
> components for both the T-368s AND the BC-610s are hard to come by.

I'm also concerned about blowing out something hard to replace, so I'm trying to check everything out pretty thoroughly before I apply power for the first time. For all I know, my radio might already have something like a blown power transformer, since I bought it as a non-operational project. I've been cleaning up contacts, checking relays, looking for anything that looks modified, etc., and I plan to check a lot of stuff like interlocks, all of the tubes (except the big transmitting tubes that my TV-7 doesn't have sockets for), and so forth. I've replaced the missing cabinet blower since I do not plan to operate it with the back cover off and the interlocks defeated, and I've replaced both bearings in both blowers.

There are some tubes I'm replacing as a matter of caution; e.g., I found some corrosion and a couple of loose pins (one of which came entirely off) on one or two of the 5R4WGB tubes, and I plan to just replace them all since there's no good way for me to see what's going on inside those big bakelite bases. I'm just not too worried about the 3B28, though, because it came apart neatly, it looks nice and clean inside and out, and I expect to be able to repair it and then test it with no substantial risk of imminent failure. In any case, the normal running spares for the T-368 included a single 3B28, so I figure that if the designers were concerned about a catastrophic failure from one of the two 3B28 tubes going bad, then they'd include two spares with instructions to replace them in pairs.

Thank you for your concern, and I'm looking forward to a nice T-368/BC-610 QSO with you someday!

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 4853. Re: [T-368_BC-610] Re-gluing 3B28 base

Yahoo group: T-368_BC-610
Date: 2011-12-18 19:08:44 UTC
From: Mark Foltarz
Topic: 4842  Message: 4853

>First, tinning and soldering
>leads in a base where he CAN'T be positive of the lead placement.

 Please explain. Because otherwise that seems like nonsense.

I have had to reassemble tube bases to the leads - whats the catch ?
And with just two leads  to solder....

de KA4JVY

Mark

>_____
> From: rbethman <rbethman@...>
>To: T-368_BC-610@yahoogroups.com
>Sent: Sunday, December 18, 2011 11:49 AM
>Subject: Re: [T-368_BC-610] Re-gluing 3B28 base
>
>
>
>*IF* it was ONLY a loose base, I would agree.
>
>BUT, in this instance he is looking at - First, tinning and soldering
>leads in a base where he CAN'T be positive of the lead placement.
>Second, then gluing the base to the tube envelope.
>
>That is why I said it is cheaper and better insurance to obtain a good
>3B28 rather than repair and glue.
>
>I'd hate to see someone cause damage to an old radio that "could" be
>expensive to repair.
>
>3B28s are all over the place, and fairly inexpensive.
>
>Bob - N0DGN
>
>On 12/18/2011 11:08 AM, Mark Foltarz wrote:
>>
>> Mark,
>>
>> Yes, JB Weld did the trick for me on my 3B28s in my T3.
>> I repaired them several years ago and they keep working.
>>
>> Also, JB weld did a fine job of sealing a leak on an insulator on
>> the plate transformer !
>> That repair has lasted for 5 years now.

>>
>> 73
>>
>> de KA4JVY
>>
>> Mark
>>
>
>[Non-text portions of this message have been removed]
>
>
>
>
>

[Non-text portions of this message have been removed]

# 4854. Re: [T-368_BC-610] Re-gluing 3B28 base

Yahoo group: T-368_BC-610
Date: 2011-12-18 19:12:56 UTC
From: Mark Foltarz
Topic: 4842  Message: 4854

Mark,

    RE testing the HV supply -  use a variac .
  Wire it into the  "Test" plug  on the back of the T3.
  Heck, I left mine in and have the variac mounted in the  rack with the receiver.
  I can dial the power out all the way down to 50 watts out of the T3 before  my modulator get a little non linear.
 And frankly a bias adjustment would most likely take care of that.

de KA4JVY

Mark

>_____
> From: Mark J. Blair <nf6x@nf6x.net>
>To: T-368_BC-610@yahoogroups.com
>Sent: Sunday, December 18, 2011 1:54 PM
>Subject: Re: [T-368_BC-610] Re-gluing 3B28 base
>
>
>
>
>On Dec 18, 2011, at 10:30 , rbethman wrote:
>> It is NOT my intent to insult your ability or your desire to preserve
>> something no longer produced.
>>
>> I too, have been repairing my own radios since I became licensed in 1980.
>>
>> I procured spares for mine.
>>
>> I DO understand the view. I also KNOW that the major power supply
>> components for both the T-368s AND the BC-610s are hard to come by.
>
>I'm also concerned about blowing out something hard to replace, so I'm trying to check everything out pretty thoroughly before I apply power for the first time. For all I know, my radio might already have something like a blown power transformer, since I bought it as a non-operational project. I've been cleaning up contacts, checking relays, looking for anything that looks modified, etc., and I plan to check a lot of stuff like interlocks, all of the tubes (except the big transmitting tubes that my TV-7 doesn't have sockets for), and so forth. I've replaced the missing cabinet blower since I do not plan to operate it with the back cover off and the interlocks defeated, and I've replaced both bearings in both blowers.
>
>There are some tubes I'm replacing as a matter of caution; e.g., I found some corrosion and a couple of loose pins (one of which came entirely off) on one or two of the 5R4WGB tubes, and I plan to just replace them all since there's no good way for me to see what's

going on inside those big bakelite bases. I'm just not too worried about the 3B28, though, because it came apart neatly, it looks nice and clean inside and out, and I expect to be able to repair it and then test it with no substantial risk of imminent failure. In any case, the normal running spares for the T-368 included a single 3B28, so I figure that if the designers were concerned about a catastrophic failure from one of the two 3B28 tubes going bad, then they'd include two spares with instructions to replace them in pairs.
>
>Thank you for your concern, and I'm looking forward to a nice T-368/BC-610 QSO with you someday!
>
>--
>Mark J. Blair, NF6X <nf6x@...>
>http://www.nf6x.net/
>
>
>
>
>

[Non-text portions of this message have been removed]

# 4855. Re: [T-368_BC-610] Re-gluing 3B28 base

Yahoo group: T-368_BC-610
Date: 2011-12-18 19:21:55 UTC
From: Geoff Edmonson
Topic: 4842  Message: 4855

---

From: Mark Foltarz <Foltarz@rocketmail.com>
To: "T-368_BC-610@yahoogroups.com" <T-368_BC-610@yahoogroups.com>
Sent: Sun, December 18, 2011 1:08:44 PM
Subject: Re: [T-368_BC-610] Re-gluing 3B28 base

>First, tinning and soldering
>leads in a base where he CAN'T be positive of the lead placement.

Please explain. Because otherwise that seems like nonsense.

I have had to reassemble tube bases to the leads - whats the catch ?
And with just two leads  to solder....

>
>BUT, in this instance he is looking at - First, tinning and soldering
>leads in a base where he CAN'T be positive of the lead placement.
>Second, then gluing the base to the tube envelope.
>

Uhm... two pins are of different sizes than the other two, and there's no
polarity in the filament leads, so... I agree with Mark... It seems like
Nonsense.

I've repaired 866's the same way, except I ran electrical tape carefully around
the base/envelope junction with a dab of fingernail clear-coat to keep the end
of the tape in place.

Still in a power supply, today.

~shrug~  I don't get some people...

[Non-text portions of this message have been removed]

# 4856. Re: [T-368_BC-610] Re-gluing 3B28 base

Yahoo group: T-368_BC-610
Date: 2011-12-18 19:22:05 UTC
From: Mark J. Blair
Topic: 4842  Message: 4856

On Dec 18, 2011, at 11:12 , Mark Foltarz wrote:
> RE testing the HV supply - use a variac .
> Wire it into the "Test" plug on the back of the T3.
> Heck, I left mine in and have the variac mounted in the rack with the receiver.
> I can dial the power out all the way down to 50 watts out of the T3 before my modulator get a little non linear.
> And frankly a bias adjustment would most likely take care of that.

Interesting... I didn't know that was what the plug on the back was for. Thanks for the suggestion!

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 4857. 3B28s

Yahoo group: T-368_BC-610
Date: 2011-12-18 19:51:52 UTC
From: rbethman
Topic: 4857  Message: 4857

Folks,

NEVER said it was a BIG DEAL! Simple reading would show this.

My personal view is different. Get over it.

I look at what CAN go wrong, NOT that it is simple and easy. Since the filament caries filament voltage and a Medium to High voltage, possible arc over inside the base IS possible.

What others have done or will do is up to them.

My personal view is to get a good one. Simple solution.

Haven't burned anything up yet. Don't plan on starting.

Some will bypass interlocks. I will not.

Everyone is different.

N0DGN

# 4858. FS: Crystal Sockets

Yahoo group: T-368_BC-610
Date: 2011-12-19 15:13:43 UTC
From: Bry Carling
Topic: 4858  Message: 4858

FOR SALE: Crystal Sockets

FT243 Crystal Sockets - 1/2" spacing X 0.094" diameter pins

Single FT243 Socket - two hole mount - classic style with shoulder - $8.00 each
(24 available)

Single FT243 Socket - smaller black type - single hole mount - $6.00 each
(4 available)

DUAL FT243 socket - square phenolic, Cinch, single hole mount, accepts two crystals - $10.00
(1 available)

QUAD in-line FT243 socket for multiple crystals, end to end on nice small copper subchassis - as used in DX100 - $24.00
(1 available)

HC6U Crystal Sockets - 1/2" spacing X 0.050" diameter pins
These are new ceramic sockets, single hole mount.
Available for $3.00 each or ten for $25.00 plus shipping
(60 available)

Triple hc6u socket - black or white - $5.00 each
(2 available)

Used hc6u sockets available for $2.00 each
(4 available)

CR1A (20C, DC30) crystal sockets, rare - pin spacing 0.5" and pin diameter 0.125" - for $4.00 each
(2 available)

DC34 / DC35 crystal sockets, Ceramic. rare - pin spacing 0.75" and pin diameter 0.125" - for
$4.00 each
(14 available)

DC34 / DC35 crystal sockets, Plastic. Rare - pin spacing 0.75" and pin diameter 0.125" - for
$4.00 each
(24 available)

CR-15/U Crystal socket, 3 pins New, Rare - 1-5/8" X 1-3/16" X 2" tall.
3 pins are 1/8" dia. Two are spaced 1/2" apart. third pin
is offset by 7/8" from each othe other two. $8.00 each
(2 available)

hc25 / hc50 crystal sockets, for the smaller metal can crystals, pc mount or attach wires
$2.50 each.
(5 available)

73 - Brian Carling, AF4K

[Non-text portions of this message have been removed]

# 4859. Re: [T-368_BC-610] Digest Number 1738

Yahoo group: T-368_BC-610
Date: 2011-12-20 01:38:51 UTC
From: Joe Foley
Topic: 4847  Message: 4859

Ehh,...

What may have happened is that there was a poor connection to the 2.5 volt pins which has enough current draw to make enough heat to melt solder.

Clean pins, check springs,...

Read Start-up file on home page,

Joe

--- On Sun, 12/18/11, GRG <afa6gg@...> wrote:

From: GRG <afa6gg@...>
Subject: Re: [T-368_BC-610] Digest Number 1738
To: T-368_BC-610@yahoogroups.com
Date: Sunday, December 18, 2011, 11:54 AM

I never tried it but the red RTV silicone used on exhaust manifolds
should work ok. The leads probably melted the solder due to overheating
Good Luck, George W5GRG,AFA6GG

On 12/18/2011 6:37 AM, T-368_BC-610@yahoogroups.com wrote:
> There is 1 message in this issue.
>
> Topics in this digest:
>
> 1. Re-gluing 3B28 base
> From: Mark J. Blair
>
>
> Message
> ------------------------------------------------------------
> 1. Re-gluing 3B28 base
> Posted by: "Mark J. Blair" nf6x@... mark_nf6x
> Date: Sun Dec 18, 2011 12:23 am ((PST))
>
>
> I have a pair of NOS (?) 3B28 high voltage rectifier tubes for my T-368C transmitter that I'm fixing up, and I found that the glue has come loose on one of the bases. This is particularly bad because they go into twist-lock sockets that don't leave the base exposed, making it difficult to install/remove the tube without being able to twist it by the glass envelope.
>
> I'm considering using JB-weld epoxy to re-glue the base, since I think it should be able to handle the heat. Do any of y'all have success or disaster stories about that?
>

> Interestingly, when the envelope came free of the base, it slid right out. The two filament leads don't appear to have been properly soldered into the pins, and I don't see solder residue on them. I was also surprised to see that the leads are stranded wire, mated to the solid pins that pass through the glass envelope. Previous tubes that I've seen baseless had solid wire leads which extended all the way through the glass envelope. I suppose that the heavier wire leads needed for this tube would have been too stiff (and thus put too much stress on the glass/metal seal when flexed) if they were solid.
>
>

[Non-text portions of this message have been removed]

# 4860. Re: [T-368_BC-610] Re-gluing 3B28 base

Yahoo group: T-368_BC-610
Date: 2011-12-20 01:44:37 UTC
From: Joe Foley
Topic: 4842  Message: 4860

Look fo r a gob of solder in the bottom of the tube socket.

Check the HV wiring to the sockets and all of the  rest of the HV wiring for cracks, if you find ANY replace it all.

Joe

--- On Sun, 12/18/11, Mark J. Blair <nf6x@...> wrote:

From: Mark J. Blair <nf6x@...>
Subject: [T-368_BC-610] Re-gluing 3B28 base
To: "T-368_BC-610 Group Group" <T-368_BC-610@yahoogroups.com>
Date: Sunday, December 18, 2011, 3:23 AM

I have a pair of NOS (?) 3B28 high voltage rectifier tubes for my T-368C transmitter that I'm fixing up, and I found that the glue has come loose on one of the bases. This is particularly bad because they go into twist-lock sockets that don't leave the base exposed, making it difficult to install/remove the tube without being able to twist it by the glass envelope.

I'm considering using JB-weld epoxy to re-glue the base, since I think it should be able to handle the heat. Do any of y'all have success or disaster stories about that?

Interestingly, when the envelope came free of the base, it slid right out. The two filament leads don't appear to have been properly soldered into the pins, and I don't see solder residue on them. I was also surprised to see that the leads are stranded wire, mated to the solid pins that pass through the glass envelope. Previous tubes that I've seen baseless had solid wire leads which extended all the way through the glass envelope. I suppose that the heavier wire leads needed for this tube would have been too stiff (and thus put too much stress on the glass/metal seal when flexed) if they were solid.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

[Non-text portions of this message have been removed]

# 4861. FS: Boxes of Electrolytic Capacitors

Yahoo group: T-368_BC-610
Date: 2011-12-20 12:46:16 UTC
From: Bry Carling
Topic: 4861  Message: 4861

FOR SALE: ELECTROLYTIC CAPACITORS

Mix of radial, axial, upright can - some NOS. Almost all are new.
(one or two may be good, tested caps)

BOX #1 = QTY 35 electrolytic CAPACITORS
QTY 2, 0.068 uF at 630 V
QTY 2, 0.056 uF at 630 V
QTY 1, 4 uF at 600 V
QTY 2, 8 uF at 450 V
QTY 1, 8 + 8 uF at 450 V
QTY 2, 16 uF at 450 V
QTY 1, 125 uF at 450 V
QTY 1, 10 + 10 uF at 450 V
QTY 2, 820 uF at 450 V
QTY 1, 40 uF at 450 V
QTY 1, 68 uF at 400 V
QTY 4, 220 uF at 400V
QTY 2, 33 uF at 400V
QTY 1, 40 + 20 + 10 uF at 350 V
QTY 1, 22 uF at 350 V
QTY 1, 10 uF at 350 V
QTY 1, 100 uF at 250 V
QTY 1, 100 uF at 200 V
QTY 1, 4700 uF at 35 V
QTY 1, 4.7 uF at 35 V
QTY 2, 2200 uF at 25 V
QTY 4, 100 uF at 25 V
Total of 35 excellent capacitors for $45.00 plus $12.00 shipping

BOX #2 = QTY 40 electrolytic CAPACITORS
Mix of radial, axial, upright can - some NOS. Almost all are new.
QTY 2, 0.068 uF at 630 V
QTY 2, 0.056 uF at 630 V
QTY 1, 16 uF at 600V
QTY 1, 0.47 uF at 600V
QTY 2, 47 uF at 450 V
QTY 1, 20 uF at 450 V
QTY 1, 10 + 10 uF at 450 V
QTY 3, 82 uF at 400 V
QTY 5, 220 uF at 400 V
QTY 1, 33 uF at 400 V
QTY 3, 0.47 uF at 400 V

QTY 1, 22 uF at 350 V
QTY 1, 3 uF at 350 V
QTY 1, 47 uF at 250 V
QTY 1, 33 uF at 250 V
QTY 1, 270 uF at 200 V
QTY 1, 100 uF at 200 V
QTY 1, 1 uF at 200 V
QTY 1, 1000 uF at 50 V
QTY 2, 2200 uF at 35 V
QTY 1, 4.7 uF at 35 V
QTY 1, 1000 uF at 25 V
QTY 5, 100 uF at 25 V
QTY 1, 2200 uF at 16 V
Total of 40 excellent capacitors for $45.00 plus $12.00
shipping

BOX #3 = QTY 30 electrolytic CAPACITORS
Mix of radial, axial, upright can - some NOS. Almost all are
new.
QTY 2, 0.068 uF at 630 V
QTY 2, 0.056 uF at 630 V
QTY 1, 16 uF at 600 V
QTY 1, 125 uF at 450 V
QTY 1, 30 uF at 450 V
QTY 1, 20 uF at 450 V
QTY 3, 16 uF at 450 V
QTY 4, 20 + 20 uF at 450 V
QTY 8, 220 uF at 400 V
QTY 3, 270 uF at 400 V
QTY 1, 82 uF at 400 V
QTY 1, 33 uF at 400 V
QTY 2, 1500 uF at 250 V
Great group of capacitors for a low price. $45.00 plus $12.00
shipping

73 - Bry, AF4K

[Non-text portions of this message have been removed]

# 4862. Re: [T-368_BC-610] Re-gluing 3B28 base

Yahoo group: T-368_BC-610
Date: 2011-12-20 15:55:47 UTC
From: Mark J. Blair
Topic: 4842  Message: 4862

On Dec 19, 2011, at 17:44 , Joe Foley wrote:
> Look fo r a gob of solder in the bottom of the tube socket.

This tube came right out of a box and hasn't been run in my transmitter yet. I didn't see any signs of solder melting on the pins; they looked the way they ought to from the outside. The filament leads didn't appear to be wetted with solder. When I pre-tinned the ends of the leads prior to reassembling the tube, it took a fair amount of flux and cooking to get them to accept solder (I used 63/37 tin/lead).

> Check the HV wiring to the sockets and all of the rest of the HV wiring for cracks, if you find ANY replace it all.

Will do!

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 4863. Re: [T-368_BC-610] FS: Crystal Sockets

Yahoo group: T-368_BC-610
Date: 2011-12-21 13:58:55 UTC
From: Ramasun
Topic: 4858  Message: 4863

Brian:

I have the following rigs:  Johnson Viking II, Ranger I, Apache, AF67 Multi-Elmac, all Drake tube rigs.  Do you have the 3.885 crystals for them?  If you do let me know.

Thanks,

Randall,
W4DEU

---

From: Bry Carling <bcarling@...>
To: T-368_BC-610@yahoogroups.com; TampaBayTradersNet@yahoogroups.com; Tube-Swap@mailman.qth.net
Sent: Monday, December 19, 2011 9:13 AM
Subject: [T-368_BC-610] FS: Crystal Sockets

FOR SALE: Crystal Sockets

FT243 Crystal Sockets - 1/2" spacing X 0.094" diameter pins

Single FT243 Socket - two hole mount - classic style with shoulder - $8.00 each
(24 available)

Single FT243 Socket - smaller black type - single hole mount - $6.00 each
(4 available)

DUAL FT243 socket - square phenolic, Cinch, single hole mount, accepts two crystals - $10.00
(1 available)

QUAD in-line FT243 socket for multiple crystals, end to end on nice small copper subchassis - as used in DX100 - $24.00
(1 available)

HC6U Crystal Sockets - 1/2" spacing X 0.050" diameter pins
These are new ceramic sockets, single hole mount.
Available for $3.00 each or ten for $25.00 plus shipping
(60 available)

Triple hc6u socket - black or white - $5.00 each
(2 available)

Used hc6u sockets available for $2.00 each
(4 available)

CR1A (20C, DC30) crystal sockets, rare - pin spacing 0.5" and pin diameter 0.125" - for $4.00 each

(2 available)

DC34 / DC35 crystal sockets, Ceramic. rare - pin spacing 0.75" and pin diameter 0.125" - for
$4.00 each
(14 available)

DC34 / DC35 crystal sockets, Plastic. Rare - pin spacing 0.75" and pin diameter 0.125" - for
$4.00 each
(24 available)

CR-15/U Crystal socket, 3 pins New, Rare - 1-5/8" X 1-3/16" X 2" tall.
3 pins are 1/8" dia. Two are spaced 1/2" apart. third pin
is offset by 7/8" from each othe other two. $8.00 each
(2 available)

hc25 / hc50 crystal sockets, for the smaller metal can crystals, pc mount or attach wires
$2.50 each.
(5 available)

73 - Brian Carling, AF4K

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4864. T-368C master oscillator cabling

Yahoo group: T-368_BC-610
Date: 2011-12-30 19:12:40 UTC
From: Mark J. Blair
Topic: 4864  Message: 4864

The coaxial cabling in my T-368C's master oscillator is rearranged compared to what my TM shows, and I was wondering if there might be a good reason for this particular cabling before I blindly put it back to what the manual shows (i.e., if this is a known cabling modification that was made for good reason).

The manual shows the PTO output connected to J101, the FSK input connected to J102, and the external exciter connected to J104. In my set, the PTO output is routed to the external exciter connector through a comical sequence of adapters, the FSK input goes to J101, and both J102 and J104 are open. My TM suggests that coaxial adapter(s) do belong on the external exciter cable, clamped to a standoff like in my set, but I think my set has grown a few more adapters in the pile.

This scheme would require an external jumper between the FSK and external exciter connectors to operate normally in non-RTTY use. That would seem odd to me if I didn't have prior experience with the T-195 transmitter, in which two internal cables get swapped for RTTY use, an external jumper is needed for non-RTTY use afterwards, and the whole topic gets one obscure footnote on one diagram in the TM!

I plan to use my transmitter mostly for AM service. I do have the RTTY modulator, though, and I plan to try using it for RTTY at some point, too. I suspect that I should be able to put the cabling back to what the TM shows unless it was swapped around to compensate for some fault in my transmitter that I haven't found yet. So, have any of y'all seen this sort of cabling rearrangement before?

My list of excuses to delay plugging my transmitter in for its first smoke test is getting short. Yay!

--
Mark J. Blair, NF6X <nf6x@nf6x.net>
http://www.nf6x.net/

# 4865. T-368C PTO heater

Yahoo group: T-368_BC-610
Date: 2011-12-30 19:20:51 UTC
From: Mark J. Blair
Topic: 4865  Message: 4865

While looking over the master oscillator chassis in my T-368B, I've found that the wires to the PTO's heater jacket have been clipped. There's a scuff on top of the jacket that has exposed a couple turns of wire, but the wire doesn't look damaged, and I measure around 15 ohms across the heater terminals. The thermal switch is open at room temperature, which I don't think is correct.

Do any of y'all have an idea about how much my oscillator's stability will be affected without the heater operating?

Do any of y'all know the normal opening temperature of the thermal switch? If I can't salvage a good switch from a surplus PTO, then I should be able to kludge in a suitable replacement if I know what the temperature should be.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 4866. T-368 tube clips

Yahoo group: T-368_BC-610
Date: 2011-12-30 19:25:12 UTC
From: Mark J. Blair
Topic: 4866  Message: 4866

My T-368C is missing the tube hold-down clips on the thermal relay, the three rectifiers on the modulator deck, and the two 4-125A tubes. While none of them should be necessary for my non-mobile installation, I'd like to replace them anyway. I haven't had any luck finding the right kinds of clips online so far. Does anybody have a lead to a source for these clips?

BTW, the PA chimney is present, and I know that one is necessary.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 4867. Re: [T-368_BC-610] T-368C master oscillator cabling

Yahoo group: T-368_BC-610
Date: 2011-12-30 22:40:10 UTC
From: Mark Foltarz
Topic: 4864  Message: 4867

Mark,

  Sounds like your T3 is set up stock for RTTY.
Do not panic....
I found the same situation in mine when I was first getting it going.
Disconnect the MO from its connection to the front panel and connect it to the input on the PA deck.
Now when you do acquire a MD-239 and desire to run RTTY you know what to do.

de KA4JVY

Mark

>_____
> From: Mark J. Blair <nf6x@...>
>To: T-368_BC-610 Group Group <T-368_BC-610@yahoogroups.com>
>Sent: Friday, December 30, 2011 2:12 PM
>Subject: [T-368_BC-610] T-368C master oscillator cabling
>
>
>
>The coaxial cabling in my T-368C's master oscillator is rearranged compared to what my TM shows, and I was wondering if there might be a good reason for this particular cabling before I blindly put it back to what the manual shows (i.e., if this is a known cabling modification that was made for good reason).
>
>The manual shows the PTO output connected to J101, the FSK input connected to J102, and the external exciter connected to J104. In my set, the PTO output is routed to the external exciter connector through a comical sequence of adapters, the FSK input goes to J101, and both J102 and J104 are open. My TM suggests that coaxial adapter(s) do belong on the external exciter cable, clamped to a standoff like in my set, but I think my set has grown a few more adapters in the pile.
>
>This scheme would require an external jumper between the FSK and external exciter connectors to operate normally in non-RTTY use. That would seem odd to me if I didn't have prior experience with the T-195 transmitter, in which two internal cables get swapped for RTTY use, an external jumper is needed for non-RTTY use afterwards, and the whole topic gets one obscure footnote on one diagram in the TM!
>
>I plan to use my transmitter mostly for AM service. I do have the RTTY modulator, though, and I plan to try using it for RTTY at some point, too. I suspect that I should be able to put the cabling back to what the TM shows unless it was swapped around to compensate for some fault in my transmitter that I haven't found yet. So, have any of y'all seen this sort of cabling rearrangement before?
>
>My list of excuses to delay plugging my transmitter in for its first smoke test is getting

short. Yay!
>
>--
>Mark J. Blair, NF6X <nf6x@...>
>http://www.nf6x.net/
>
>
>
>
>

[Non-text portions of this message have been removed]

# 4868. Re: [T-368_BC-610] T-368C master oscillator cabling

Yahoo group: T-368_BC-610
Date: 2011-12-31 00:08:48 UTC
From: Mark J. Blair
Topic: 4864  Message: 4868

On Dec 30, 2011, at 14:40 , Mark Foltarz wrote:
> Sounds like your T3 is set up stock for RTTY.
> Do not panic....
> I found the same situation in mine when I was first getting it going.
> Disconnect the MO from its connection to the front panel and connect it to the input on the PA deck.
> Now when you do acquire a MD-239 and desire to run RTTY you know what to do.

Thanks! I do have an MD-239 (it came with the Tx), but I'm keeping it out of the circuit until I get the transmitter working nicely.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 4869. Re: [T-368_BC-610] T-368C PTO heater

Yahoo group: T-368_BC-610
Date: 2011-12-31 02:20:13 UTC
From: mac
Topic: 4865  Message: 4869

Mark,

Checking my manual which covers Basic through C models I find a note on the schematic of the MO and first buffer stages that says "Heater HR801, thermostat S801 and capacitor 811 on main schematic are not used." When I go the main schematic for my Basic I find HR801, S801 and C800 are shown sure enough on the main schematic for my Basic but there is no power coming in to the heater circuit on Pin H of J105, the mating connector for P802 coming off the MO assembly.

In the T-195 the MO heater is hooked up and kicks in when the ambient temp falls below zero degrees C. In the T-368....??

DD

**********

On Dec 30, 2011, at 11:20 AM, Mark J. Blair wrote:

> While looking over the master oscillator chassis in my T-368B, I've
> found that the wires to the PTO's heater jacket have been clipped.
> There's a scuff on top of the jacket that has exposed a couple turns
> of wire, but the wire doesn't look damaged, and I measure around 15
> ohms across the heater terminals. The thermal switch is open at room
> temperature, which I don't think is correct.
>
> Do any of y'all have an idea about how much my oscillator's
> stability will be affected without the heater operating?
>
> Do any of y'all know the normal opening temperature of the thermal
> switch? If I can't salvage a good switch from a surplus PTO, then I
> should be able to kludge in a suitable replacement if I know what
> the temperature should be.
>
> --
> Mark J. Blair, NF6X <nf6x@...>
> http://www.nf6x.net/
>
>

[Non-text portions of this message have been removed]

# 4870. Re: [T-368_BC-610] T-368C PTO heater

Yahoo group: T-368_BC-610
Date: 2011-12-31 02:30:01 UTC
From: Mark J. Blair
Topic: 4865  Message: 4870

On Dec 30, 2011, at 18:20 , mac wrote:
> In the T-195 the MO heater is hooked up and kicks in when the ambient
> temp falls below zero degrees C. In the T-368....??

Aha! I assumed that the heater was intended to keep the PTO at a fixed temperature, much like a crystal oven, and thus it would be on at room temperature. If it's only for cold weather and it only turns on at freezing, then I shouldn't miss it at all.

I was just checking out the filament and mod bias rheostats in my set. Despite disassembling it, cleaning and re-tensioning the moving contact, and cleaning up the resistance element with crocus cloth, the filament rheostat still has some dead spots. The bias rheostat looks questionable in the first and last thirds of its rotation. I hope they'll work better under working load than they do with my DMM... Anyway, I think I'm getting close to my first smoke test.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 4871. T-368C First Smoke Test

Yahoo group: T-368_BC-610
Date: 2011-12-31 12:09:23 UTC
From: Mark J. Blair
Topic: 4871  Message: 4871

This evening, my T-368C got its first taste of power in many years! It's semi-alive, but needs more work:

* No actual smoke seen; just a healthy (?) amount of "hot dusty stuff" smell.

* I can't seem to get the PA to load up at 150mA in tuning mode as the manual directs; tuning for max RF output gives me about 100mA plate current and 65-70 watts of RF.

* Full power mode is no-go: I hear some arcing sounds, then the overload relay trips.

* Both blowers work, though the PA blower is quiet enough that I can't hear it over the cabinet blower.

* PA grid drive reads a bit high at 15mA.

* Int. amp plate current reads 25mA.

* In AM, I can only get the modulator bias current up to around 40mA. I don't trust the bias potentiometer based on DMM testing earlier today. Whistling into the mac doesn't swing the meter higher.

* The filament voltage meter is a bit sticky; I need to thump on it to see small changes in voltage.

* I don't like having the back cover interlock defeated during testing, but those big tubes sure are pretty when they're all lit up!

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 4872. Re: T-368C First Smoke Test

Yahoo group: T-368_BC-610
Date: 2011-12-31 18:41:03 UTC
From: Todd, KA1KAQ
Topic: 4871  Message: 4872

Congrats, Mark. They can be a bit fickle when waking them back up from a long sleep, but once you get through the bugs and make it all good, they are solid performers. Generally a case of dirty contacts/connections, with the occasional partially-smoked component. Got mine making RF earlier this year, still need to address the jumpy PTO that changes frequency every time the transmitter is keyed. Then it should be good to go.

It's always good to hear of another one finding its way back to the world of RF.

~ Todd, KA1KAQ/4

# 4873. Re: [T-368_BC-610] T-368C First Smoke Test

Yahoo group: T-368_BC-610
Date: 2011-12-31 18:51:22 UTC
From: Mark J. Blair
Topic: 4871  Message: 4873

On Dec 31, 2011, at 10:41 , Todd, KA1KAQ wrote:
> Congrats, Mark. They can be a bit fickle when waking them back up from
> a long sleep, but once you get through the bugs and make it all good,
> they are solid performers. Generally a case of dirty
> contacts/connections, with the occasional partially-smoked component.
> Got mine making RF earlier this year, still need to address the jumpy
> PTO that changes frequency every time the transmitter is keyed. Then
> it should be good to go.

Thanks! I'm really excited to finally have power going in one end of this beautiful beast, and a bunch of it coming back out the other end! Good luck on your PTO problem.

A small update: I'm trying to locate the arcing problem in AM mode, so I can watch the back of the transmitter while I turn on the plate voltage with the mic PTT. It doesn't trip the overload relay and/or plate breaker every time, and when it doesn't, I get 250mA of plate current and 500W of RF output! Still no modulation, so I don't think I'll be running the rig on tonight's West Coast MRCG net.

The arcing sounds like it's coming from roughly the lower right side of the rig, probably in or under the power drawer on the HV rectifier side. I haven't seen any visible arcing from the top yet. I see that V18 tends to make a purple flash at current discontinuities (plate relay turning on or off, including when an arc occurs), while V19 doesn't flash much.

I haven't found the spark gap specs in the manual yet, but the coils have markings indicating they should be at 0.020". So, that's where I set them. They were previously MUCH wider than that.

It looks like my excitation meter is sticky, too.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 4874. Re: [T-368_BC-610] T-368C First Smoke Test

Yahoo group: T-368_BC-610
Date: 2011-12-31 19:02:24 UTC
From: Todd, KA1KAQ
Topic: 4871  Message: 4874

On Sat, Dec 31, 2011 at 1:51 PM, Mark J. Blair <nf6x@...> wrote:

> **
>
> A small update: I'm trying to locate the arcing problem in AM mode, so I
> can watch the back of the transmitter while I turn on the plate voltage
> with the mic PTT. It doesn't trip the overload relay and/or plate breaker
> every time, and when it doesn't, I get 250mA of plate current and 500W of
> RF output! Still no modulation, so I don't think I'll be running the rig on
> tonight's West Coast MRCG net.
>
> The arcing sounds like it's coming from roughly the lower right side of
> the rig, probably in or under the power drawer on the HV rectifier side. I
> haven't seen any visible arcing from the top yet. I see that V18 tends to
> make a purple flash at current discontinuities (plate relay turning on or
> off, including when an arc occurs), while V19 doesn't flash much.
>

I obviously missed it before, but are you running 3B28s in the rig? Pretty sure you are.

One other tidbit I'd add at this point: have a friend come over to give you a hand tracking this down. Aside from the obvious safety issues, it's so much easier to track these kinds of gremlins when you have someone else at the controls. This allows you to move around for a better view and check other possibilities, while keeping someone at the other end who can check meters, run other tests as you're observing the inner workings, or shut things down fast if needed.

As well, that extra set of eyes and a fresh brain will quite often see something you've been missing. Not from ignorance, more likely from looking at it over and over and over...

~ Todd, KA1KAQ/4

[Non-text portions of this message have been removed]

# 4875. Re: [T-368_BC-610] T-368C First Smoke Test

Yahoo group: T-368_BC-610
Date: 2011-12-31 19:31:03 UTC
From: Mark J. Blair
Topic: 4871  Message: 4875

Yes, I'm running 3B28 rectifiers in it. They both appear to be conducting, because I can see a small amount of purple plasma around the cathodes if I look from below. Only one of them regularly makes a purple flash filling much of the tube at current discontinuities, though. This is by far the highest powered tube rig I've worked on so far, so I don't know if that flash should be telling me something about the state of the tubes and/or the circuits they're in.

--
Mark J. Blair, NF6X <nf6x@...>
Web page: http://www.nf6x.net/

On Dec 31, 2011, at 11:02, "Todd, KA1KAQ" <ka1kaq@...> wrote:

> On Sat, Dec 31, 2011 at 1:51 PM, Mark J. Blair <nf6x@...> wrote:
>
>> **
>>
>> A small update: I'm trying to locate the arcing problem in AM mode, so I
>> can watch the back of the transmitter while I turn on the plate voltage
>> with the mic PTT. It doesn't trip the overload relay and/or plate breaker
>> every time, and when it doesn't, I get 250mA of plate current and 500W of
>> RF output! Still no modulation, so I don't think I'll be running the rig on
>> tonight's West Coast MRCG net.
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>> the rig, probably in or under the power drawer on the HV rectifier side. I
>> haven't seen any visible arcing from the top yet. I see that V18 tends to
>> make a purple flash at current discontinuities (plate relay turning on or
>> off, including when an arc occurs), while V19 doesn't flash much.
>>
>
> I obviously missed it before, but are you running 3B28s in the rig? Pretty
> sure you are.
>
> One other tidbit I'd add at this point: have a friend come over to give you
> a hand tracking this down. Aside from the obvious safety issues, it's so
> much easier to track these kinds of gremlins when you have someone else at
> the controls. This allows you to move around for a better view and check
> other possibilities, while keeping someone at the other end who can check
> meters, run other tests as you're observing the inner workings, or shut
> things down fast if needed.
>
> As well, that extra set of eyes and a fresh brain will quite often see
> something you've been missing. Not from ignorance, more likely from looking
> at it over and over and over...
>

> ~ Todd, KA1KAQ/4
>
>
> [Non-text portions of this message have been removed]
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>
> Yahoo! Groups Links
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# 4876. Re: [T-368_BC-610] T-368C First Smoke Test

Yahoo group: T-368_BC-610
Date: 2011-12-31 20:17:02 UTC
From: Mark J. Blair
Topic: 4871  Message: 4876

On Dec 31, 2011, at 11:02 , Todd, KA1KAQ wrote:
> One other tidbit I'd add at this point: have a friend come over to give you
> a hand tracking this down. Aside from the obvious safety issues, it's so
> much easier to track these kinds of gremlins when you have someone else at
> the controls. This allows you to move around for a better view and check
> other possibilities, while keeping someone at the other end who can check
> meters, run other tests as you're observing the inner workings, or shut
> things down fast if needed.
>
> As well, that extra set of eyes and a fresh brain will quite often see
> something you've been missing. Not from ignorance, more likely from looking
> at it over and over and over...

I just brought over my "poor-man's friend": I set up my DSLR on a tripod behind the rig and took some HD video of the 3B28 rectifiers while operating the set from the front. :) Besides the plasma flashes that I mentioned inside V18 before (which may be innocuous), I think I saw a couple of white flashes around the envelope of V19 that might be arcs over the glass or reflections of arcs somewhere else. Or, reflections of a bird flying by the open window. Hmm, I might be onto something here! Now, if only the bottom of the cabinet was transparent, so I could magically levitate the transmitter a couple feet in the air and shoot video of the bottom of the power supply drawer to look for arcs down there...

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 4877. Re: [T-368_BC-610] T-368C First Smoke Test

Yahoo group: T-368_BC-610
Date: 2012-01-02 22:20:59 UTC
From: Mark J. Blair
Topic: 4871  Message: 4877

More progress!

I don't seem to be having the same arcing problem as before, and I'm not tripping the overload relay now.

I tracked down my modulation problem to an open plate resistor for the audio clipper, which stopped the audio at that stage. After replacing the resistor, I have modulation now!

I'm not out of the woods yet. I'm doing some testing with a signal generator at the audio input, and my plate circuit breaker trips after 5-10 seconds of full power + full modulation. I don't know why yet.

I don't see the modulation pattern on my scope fully closing to the zero crossing before distortion sets in as I raise the input level, but that may just be an artifact of how I'm probing the RF signal (a wire loop crammed through one of the extra mounting holes on top of the cabinet, which may be picking up lots of stuff other than the true output signal).

I found what looks like a fine replacement for my bad modulator bias pot on eBay, and it's on the way. I also have a few small replacement tubes on the way to swap out tubes that look marginal on my TV-7D. Some of those tubes are for an OS-8C scope that I'm also repairing with hopes of using it as a station monitor. I like the form factor of that little scope, and I plan to try tapping off the audio inside the modulator deck to make a proper trapezoid display so I can see any overmodulation or nonlinearity.

I won't be able to spend as much time on my transmitter once I resume work tomorrow, but I may still have it on the air in two or three weeks, depending on when parts arrive. Yay!

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 4878. Re: [T-368_BC-610] T-368C First Smoke Test

Yahoo group: T-368_BC-610
Date: 2012-01-03 02:29:02 UTC
From: mac
Topic: 4871  Message: 4878

Mark,

FB progress!

If you're running 500 W carrier and pushing the modulation to 100%
with a continuous tone you're kicking the beast kinda hard which could
be why the breaker is popping. The specs say 400 - 450 watts carrier
out for AM. Try dialing back the loading to 200ma or so PA current
and see how it behaves. This may allow you to pinch off at the
carrier at the baseline too. With the 4-150A modulator tubes only
running class AB1 the rig is not long on audio power.

BTW, I monitor my modulation with a 100X scope probe connected
directly to the antenna output. At 400 watts out into a 50 ohm load
the P-P voltage would be about 300 volts and 600 P-P under
modulation. Not sure what scope and probes you are using though.

Dennis

**********

On Jan 2, 2012, at 2:20 PM, Mark J. Blair wrote:

> More progress!
>
> I don't seem to be having the same arcing problem as before, and I'm
> not tripping the overload relay now.
>
> I tracked down my modulation problem to an open plate resistor for
> the audio clipper, which stopped the audio at that stage. After
> replacing the resistor, I have modulation now!
>
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> generator at the audio input, and my plate circuit breaker trips
> after 5-10 seconds of full power + full modulation. I don't know why
> yet.
>
> I don't see the modulation pattern on my scope fully closing to the
> zero crossing before distortion sets in as I raise the input level,
> but that may just be an artifact of how I'm probing the RF signal (a
> wire loop crammed through one of the extra mounting holes on top of
> the cabinet, which may be picking up lots of stuff other than the
> true output signal).
>
> I found what looks like a fine replacement for my bad modulator bias
> pot on eBay, and it's on the way. I also have a few small
> replacement tubes on the way to swap out tubes that look marginal on

> my TV-7D. Some of those tubes are for an OS-8C scope that I'm also
> repairing with hopes of using it as a station monitor. I like the
> form factor of that little scope, and I plan to try tapping off the
> audio inside the modulator deck to make a proper trapezoid display
> so I can see any overmodulation or nonlinearity.
>
> I won't be able to spend as much time on my transmitter once I
> resume work tomorrow, but I may still have it on the air in two or
> three weeks, depending on when parts arrive. Yay!
>
> --
> Mark J. Blair, NF6X <nf6x@...>
> http://www.nf6x.net/
>
>

[Non-text portions of this message have been removed]

# 4879. Re: [T-368_BC-610] T-368C First Smoke Test

Yahoo group: T-368_BC-610
Date: 2012-01-03 02:51:33 UTC
From: mac
Topic: 4871  Message: 4879

Make those 4-125 modulators.....

DD

**********
On Jan 2, 2012, at 6:29 PM, mac wrote:

> Mark,
>
> FB progress!
>
> If you're running 500 W carrier and pushing the modulation to 100%
> with a continuous tone you're kicking the beast kinda hard which could
> be why the breaker is popping. The specs say 400 - 450 watts carrier
> out for AM. Try dialing back the loading to 200ma or so PA current
> and see how it behaves. This may allow you to pinch off at the
> carrier at the baseline too. With the 4-150A modulator tubes only
> running class AB1 the rig is not long on audio power.
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> directly to the antenna output. At 400 watts out into a 50 ohm load
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> modulation. Not sure what scope and probes you are using though.
>
> Dennis
>
> **********
>
> On Jan 2, 2012, at 2:20 PM, Mark J. Blair wrote:
>
>> More progress!
>>
>> I don't seem to be having the same arcing problem as before, and I'm
>> not tripping the overload relay now.
>>
>> I tracked down my modulation problem to an open plate resistor for
>> the audio clipper, which stopped the audio at that stage. After
>> replacing the resistor, I have modulation now!
>>
>> I'm not out of the woods yet. I'm doing some testing with a signal
>> generator at the audio input, and my plate circuit breaker trips
>> after 5-10 seconds of full power + full modulation. I don't know why
>> yet.
>>
>> I don't see the modulation pattern on my scope fully closing to the
>> zero crossing before distortion sets in as I raise the input level,

>> but that may just be an artifact of how I'm probing the RF signal (a
>> wire loop crammed through one of the extra mounting holes on top of
>> the cabinet, which may be picking up lots of stuff other than the
>> true output signal).
>>
>> I found what looks like a fine replacement for my bad modulator bias
>> pot on eBay, and it's on the way. I also have a few small
>> replacement tubes on the way to swap out tubes that look marginal on
>> my TV-7D. Some of those tubes are for an OS-8C scope that I'm also
>> repairing with hopes of using it as a station monitor. I like the
>> form factor of that little scope, and I plan to try tapping off the
>> audio inside the modulator deck to make a proper trapezoid display
>> so I can see any overmodulation or nonlinearity.
>>
>> I won't be able to spend as much time on my transmitter once I
>> resume work tomorrow, but I may still have it on the air in two or
>> three weeks, depending on when parts arrive. Yay!
>>
>> --
>> Mark J. Blair, NF6X <nf6x@...>
>> http://www.nf6x.net/
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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# 4880. Re: [T-368_BC-610] T-368C First Smoke Test

Yahoo group: T-368_BC-610
Date: 2012-01-03 03:11:12 UTC
From: Mark J. Blair
Topic: 4871  Message: 4880

On Jan 2, 2012, at 18:29 , mac wrote:
> If you're running 500 W carrier and pushing the modulation to 100%
> with a continuous tone you're kicking the beast kinda hard which could
> be why the breaker is popping. The specs say 400 - 450 watts carrier
> out for AM. Try dialing back the loading to 200ma or so PA current
> and see how it behaves. This may allow you to pinch off at the
> carrier at the baseline too. With the 4-150A modulator tubes only
> running class AB1 the rig is not long on audio power.

I think that part of the problem is that my bad modulator bias potentiometer isn't letting me get quite enough idle bias current through the modulators. Then, when I was turning up the input signal and looking for pinch off, I probably drove them way too hard. If I carefully turn up the input level until just before I see some distortion, then it seems to sit there warming up the room with no problems. Incidentally, this is the first time I've ever felt my dummy load warm up above room temp (rated 250W dry and 2500W with water pumped through it).

> BTW, I monitor my modulation with a 100X scope probe connected
> directly to the antenna output. At 400 watts out into a 50 ohm load
> the P-P voltage would be about 300 volts and 600 P-P under
> modulation. Not sure what scope and probes you are using though.

Right now I just have a loop of wire dangling a couple inches down through one of the extra mounting holes on the top of the cabinet to pick up stray RF in there. My scope probes are expensive and delicate 10x 500MHz jobs and my scope is a fancy Tek DSO (a little out of date with its floppy drive, but still pretty modern). It's visible on top of the beast in may latest blog post:

http://www.nf6x.net/2012/01/t-368c-transmitter-progress/

I have an OS-8C scope that I'm fixing up with hopes of using it as a station monitor. I guess I should make a 100x or so sampling probe to hook to the RF output rather than just dangling a wire about. Maybe I'll make something fancy to hook inline with the coax outside the unit, or maybe I'll tack on the divider inside the cabinet, since I think I'll tap off audio from the speech amp to drive a trapezoidal display on the scope anyway. Hmm, with those extra mounting holes on top, I could mount a couple of RCA jacks without drilling any new holes. I might leave off the big antenna tuner (which would just be eye candy anyway) and put the scope there instead.

Anyway, I have a hunch that once I get my new mod bias pot, I should be burning out my antenna balun in no time! :)

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 4881. Re: [T-368_BC-610] T-368C First Smoke Test

Yahoo group: T-368_BC-610
Date: 2012-01-03 03:23:22 UTC
From: Geoff
Topic: 4871  Message: 4881

On 1/2/2012 9:11 PM, Mark J. Blair wrote:
>> BTW, I monitor my modulation with a 100X scope probe connected
>> directly to the antenna output. At 400 watts out into a 50 ohm load
>> the P-P voltage would be about 300 volts and 600 P-P under
>> modulation. Not sure what scope and probes you are using though.
> Right now I just have a loop of wire dangling a couple inches down through one of the extra mounting holes on the top of the cabinet to pick up stray RF in there.

I just get a length of coax with a BNC on one end, and run it outside into the field of the antenna, with a two or three turn loop on the end of the coax. Too many stray RF fields in/around the transmitter - grid voltage, etc... what the transmitter puts out, is outside.

Just a thought.

73 = Best Regards,
-Geoff/W5OMR

# 4882. Re: [T-368_BC-610] T-368C First Smoke Test

Yahoo group: T-368_BC-610
Date: 2012-01-03 14:08:16 UTC
From: James M. Walker
Topic: 4871  Message: 4882

Please tell us you are loading the T-368 into a "Dummy Load"
for your testing and such? The T-3 like the BC-610s act differently
when on an antenna, as opposed to on a 50 ohm Dummy load!

The Dummy load eliminates the vagarities(sp) of a changing load
to the output section. Stages will be stable once set with the use
of a Known Load on the output fo the T-368. FWIW
Jim
WB2FCN/WD2XSH-22

----- Original Message -----
From: "Mark J. Blair" <nf6x@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Monday, January 02, 2012 5:20 PM
Subject: Re: [T-368_BC-610] T-368C First Smoke Test

> More progress!
>
> I don't seem to be having the same arcing problem as before, and I'm not
> tripping the overload relay now.
>
> I tracked down my modulation problem to an open plate resistor for the
> audio clipper, which stopped the audio at that stage. After replacing the
> resistor, I have modulation now!
>
> I'm not out of the woods yet. I'm doing some testing with a signal
> generator at the audio input, and my plate circuit breaker trips after
> 5-10 seconds of full power + full modulation. I don't know why yet.
>
> I don't see the modulation pattern on my scope fully closing to the zero
> crossing before distortion sets in as I raise the input level, but that
> may just be an artifact of how I'm probing the RF signal (a wire loop
> crammed through one of the extra mounting holes on top of the cabinet,
> which may be picking up lots of stuff other than the true output signal).
>
> I found what looks like a fine replacement for my bad modulator bias pot
> on eBay, and it's on the way. I also have a few small replacement tubes on
> the way to swap out tubes that look marginal on my TV-7D. Some of those
> tubes are for an OS-8C scope that I'm also repairing with hopes of using
> it as a station monitor. I like the form factor of that little scope, and
> I plan to try tapping off the audio inside the modulator deck to make a
> proper trapezoid display so I can see any overmodulation or nonlinearity.
>
> I won't be able to spend as much time on my transmitter once I resume work
> tomorrow, but I may still have it on the air in two or three weeks,
> depending on when parts arrive. Yay!

> 
> --
> Mark J. Blair, NF6X <nf6x@...>
> http://www.nf6x.net/
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> Yahoo! Groups Links
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# 4883. Re: [T-368_BC-610] T-368C First Smoke Test

Yahoo group: T-368_BC-610
Date: 2012-01-03 15:15:58 UTC
From: Mark J. Blair
Topic: 4871  Message: 4883

On Jan 3, 2012, at 06:08 , James M. Walker wrote:
> Please tell us you are loading the T-368 into a "Dummy Load"
> for your testing and such? The T-3 like the BC-610s act differently
> when on an antenna, as opposed to on a 50 ohm Dummy load!

Yes, I'm loading it into a 50 ohm dummy load for my testing. I won't try to load it into my antenna until I have it working properly on the dummy load.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 4884. Re: [T-368_BC-610] T-368C First Smoke Test

Yahoo group: T-368_BC-610
Date: 2012-01-03 16:28:13 UTC
From: James M. Walker
Topic: 4871  Message: 4884

Good Job Mark,

I recently moved to new home! Got antennas up and am putting
the "Big Iron" back together for getting back on the air (AM) mostly
I am in the process of getting the "rigs" back into operation, hopefully
by the time of the various contests/get-on-the air events.

Got various "Heaters" set up in my garage with remote control and
metering into the shack (Basement), was experiencing hum on the audio lines,
Shield was broken inside cable for the audio feed to the Transmitters.
Took a while to find the break, but it caused confusion for a bit.
Direct audio worked fine, at the units, turned out to have a break
in the shield causing intermittent. SMALL things matter, and don't
chase "wild geese"! Enjoy the refurb tho wanna hear it on the air.
Jim
WB2FCN

----- Original Message -----
From: "Mark J. Blair" <nf6x@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Tuesday, January 03, 2012 10:15 AM
Subject: Re: [T-368_BC-610] T-368C First Smoke Test

>
> On Jan 3, 2012, at 06:08 , James M. Walker wrote:
>> Please tell us you are loading the T-368 into a "Dummy Load"
>> for your testing and such? The T-3 like the BC-610s act differently
>> when on an antenna, as opposed to on a 50 ohm Dummy load!
>
>
> Yes, I'm loading it into a 50 ohm dummy load for my testing. I won't try
> to load it into my antenna until I have it working properly on the dummy
> load.
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> --
> Mark J. Blair, NF6X <nf6x@...>
> http://www.nf6x.net/
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# 4885. Re: [T-368_BC-610] T-368C First Smoke Test

Yahoo group: T-368_BC-610
Date: 2012-01-03 19:24:09 UTC
From: Joe Foley
Topic: 4871  Message: 4885

Give a careful listen to the power supply deck to see if there is a frying sound at the left-rear corner.

Joe

--- On Sat, 12/31/11, Mark J. Blair <nf6x@...> wrote:

From: Mark J. Blair <nf6x@...>
Subject: Re: [T-368_BC-610] T-368C First Smoke Test
To: T-368_BC-610@yahoogroups.com
Date: Saturday, December 31, 2011, 3:17 PM

On Dec 31, 2011, at 11:02 , Todd, KA1KAQ wrote:

> One other tidbit I'd add at this point: have a friend come over to give you

> a hand tracking this down. Aside from the obvious safety issues, it's so

> much easier to track these kinds of gremlins when you have someone else at

> the controls. This allows you to move around for a better view and check

> other possibilities, while keeping someone at the other end who can check

> meters, run other tests as you're observing the inner workings, or shut

> things down fast if needed.

>

> As well, that extra set of eyes and a fresh brain will quite often see

> something you've been missing. Not from ignorance, more likely from looking

> at it over and over and over...

I just brought over my "poor-man's friend": I set up my DSLR on a tripod behind the rig and took some HD video of the 3B28 rectifiers while operating the set from the front. :) Besides the plasma flashes that I mentioned inside V18 before (which may be innocuous), I think I saw a couple of white flashes around the envelope of V19 that might be arcs over the glass or reflections of arcs somewhere else. Or, reflections of a bird flying by the open window. Hmm, I might be onto something here! Now, if only the bottom of the cabinet was transparent, so I could magically levitate the transmitter a couple feet in the air and shoot video of the bottom of the power supply drawer to look for arcs down there...

--

Mark J. Blair, NF6X <nf6x@...>

http://www.nf6x.net/

[Non-text portions of this message have been removed]

# 4886. Re: [T-368_BC-610] T-368C First Smoke Test

Yahoo group: T-368_BC-610
Date: 2012-01-03 19:26:38 UTC
From: Joe Foley
Topic: 4871  Message: 4886

Yeah, sounds like you have arcing in the wiring under the 3B28 sockets.

Joe

--- On Sat, 12/31/11, Mark J. Blair <nf6x@...> wrote:

From: Mark J. Blair <nf6x@...>
Subject: Re: [T-368_BC-610] T-368C First Smoke Test
To: T-368_BC-610@yahoogroups.com
Date: Saturday, December 31, 2011, 1:51 PM

On Dec 31, 2011, at 10:41 , Todd, KA1KAQ wrote:

> Congrats, Mark. They can be a bit fickle when waking them back up from

> a long sleep, but once you get through the bugs and make it all good,

> they are solid performers. Generally a case of dirty

> contacts/connections, with the occasional partially-smoked component.

> Got mine making RF earlier this year, still need to address the jumpy

> PTO that changes frequency every time the transmitter is keyed. Then

> it should be good to go.

Thanks! I'm really excited to finally have power going in one end of this beautiful beast, and a bunch of it coming back out the other end! Good luck on your PTO problem.

A small update: I'm trying to locate the arcing problem in AM mode, so I can watch the back of the transmitter while I turn on the plate voltage with the mic PTT. It doesn't trip the overload relay and/or plate breaker every time, and when it doesn't, I get 250mA of plate current and 500W of RF output! Still no modulation, so I don't think I'll be running the rig on tonight's West Coast MRCG net.

The arcing sounds like it's coming from roughly the lower right side of the rig, probably in or under the power drawer on the HV rectifier side. I haven't seen any visible arcing from the top yet. I see that V18 tends to make a purple flash at current discontinuities (plate relay turning on or off, including when an arc occurs), while V19 doesn't flash much.

I haven't found the spark gap specs in the manual yet, but the coils have markings indicating they should be at 0.020". So, that's where I set them. They were previously MUCH wider than that.

It looks like my excitation meter is sticky, too.

--

Mark J. Blair, NF6X <nf6x@...>

http://www.nf6x.net/

[Non-text portions of this message have been removed]

# 4887. Re: [T-368_BC-610] T-368C First Smoke Test

Yahoo group: T-368_BC-610
Date: 2012-01-03 19:29:35 UTC
From: Joe Foley
Topic: 4871  Message: 4887

* Full power mode is no-go: I hear some arcing sounds, then the overload relay trips.+++++++++Not good, find it soon.

* Both blowers work, though the PA blower is quiet enough that I can't hear it over the cabinet blower.++++++++The vibration from that blower can be felt by grabbing the left handle on the RF deck.
Joe

[Non-text portions of this message have been removed]

# 4888. Re: [T-368_BC-610] T-368C First Smoke Test

Yahoo group: T-368_BC-610
Date: 2012-01-03 21:05:16 UTC
From: Mark J. Blair
Topic: 4871  Message: 4888

It seems to have subsided, but I figure it is likely to reappear eventually (maybe when the weather is less dry than it is now). The wiring seemed to be supple and uncracked, but I could have missed something. I expect to be going through there and looking over the wiring and insulators again soon... Just not looking forward to heaving that power supply drawer out again! :)

--
Mark J. Blair, NF6X <nf6x@...>
Web page: http://www.nf6x.net/

On Jan 3, 2012, at 11:26, Joe Foley <redmenaced@...> wrote:

> Yeah, sounds like you have arcing in the wiring under the 3B28 sockets.
>
> Joe
>
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>
> --- On Sat, 12/31/11, Mark J. Blair <nf6x@...> wrote:
>
> From: Mark J. Blair <nf6x@...>
> Subject: Re: [T-368_BC-610] T-368C First Smoke Test
> To: T-368_BC-610@yahoogroups.com
> Date: Saturday, December 31, 2011, 1:51 PM
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> On Dec 31, 2011, at 10:41 , Todd, KA1KAQ wrote:
>
>> Congrats, Mark. They can be a bit fickle when waking them back up from
>
>> a long sleep, but once you get through the bugs and make it all good,
>
>> they are solid performers. Generally a case of dirty
>
>> contacts/connections, with the occasional partially-smoked component.
>
>> Got mine making RF earlier this year, still need to address the jumpy
>
>> PTO that changes frequency every time the transmitter is keyed. Then
>
>> it should be good to go.
>
>
>
> Thanks! I'm really excited to finally have power going in one end of this beautiful beast, and a bunch of it coming back out the other end! Good luck on your PTO problem.
>
>
>
> A small update: I'm trying to locate the arcing problem in AM mode, so I can watch the back of the transmitter while I turn on the plate voltage with the mic PTT. It doesn't trip the overload relay and/or plate breaker every time, and when it doesn't, I get 250mA of plate current and 500W of RF output! Still no modulation, so I don't think I'll be running the rig on tonight's West Coast MRCG net.
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>
> The arcing sounds like it's coming from roughly the lower right side of the rig, probably in or under the power drawer on the HV rectifier side. I haven't seen any visible arcing from the top yet. I see that V18 tends to make a purple flash at current discontinuities (plate relay turning on or off, including when an arc occurs), while V19 doesn't flash much.
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> I haven't found the spark gap specs in the manual yet, but the coils have markings indicating they should be at 0.020". So, that's where I set them. They were previously MUCH wider than that.
>

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> It looks like my excitation meter is sticky, too.
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> --
>
> Mark J. Blair, NF6X <nf6x@...>
>
> http://www.nf6x.net/
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# 4889. Re: [T-368_BC-610] T-368C First Smoke Test

Yahoo group: T-368_BC-610
Date: 2012-01-04 23:46:49 UTC
From: Joe Foley
Topic: 4871  Message: 4889

I don't have to lift mine!  I put a block of wood under the front panel and use that to hold it if I don't have to get under it.  If I have to move it I tip it face-down onto a dolly.  If I have to work on the bottom I roll it over and support it with another block of wood.

Or, you could get one of those die carts from on of the many, many defunct manufacturing concerns of our country.

Joe

--- On Tue, 1/3/12, Mark J. Blair <nf6x@nf6x.net> wrote:

From: Mark J. Blair <nf6x@...>
Subject: Re: [T-368_BC-610] T-368C First Smoke Test
To: "T-368_BC-610@yahoogroups.com" <T-368_BC-610@yahoogroups.com>
Date: Tuesday, January 3, 2012, 4:05 PM

It seems to have subsided, but I figure it is likely to reappear eventually (maybe when the weather is less dry than it is now). The wiring seemed to be supple and uncracked, but I could have missed something. I expect to be going through there and looking over the wiring and insulators again soon... Just not looking forward to heaving that power supply drawer out again! :)

--

Mark J. Blair, NF6X <nf6x@nf6x.net>

Web page: http://www.nf6x.net/

On Jan 3, 2012, at 11:26, Joe Foley <redmenaced@...> wrote:

> Yeah, sounds like you have arcing in the wiring under the 3B28 sockets.

>

> Joe

>

[Non-text portions of this message have been removed]

# 4890. Re: [T-368_BC-610] T-368C First Smoke Test

Yahoo group: T-368_BC-610
Date: 2012-01-05 17:32:08 UTC
From: Harold Hairston
Topic: 4871  Message: 4890

All these fixes are interesting. I finally gave-up on man-handling the beast as I don't have any local help readily available.. Since all my Boatanchors are in the basement shack, I purchased an Electric Hoist from Harbor Freight and mounted it to a well supported ceiling joist. It handles 1300lbs with two lines. I can roll the T-368 under the hoist, pull out a drawer far enough to hook a chain to the openings on each side of the drawer. (No problem avoiding damag to the T-368).This balances the drawer beautifully. By raising the drawer slightly with the hoist, the cabinet can be rolled away. I then lower the drawer to a mobile work station. Return the drawer in the reverse manner.

I also use it to maneuver VHF and UHF Repeaters and Base Stations.

Harold

----- Original Message -----
From: Joe Foley
To: T-368_BC-610@yahoogroups.com
Sent: Wednesday, January 04, 2012 6:46 PM
Subject: Re: [T-368_BC-610] T-368C First Smoke Test

I don't have to lift mine! I put a block of wood under the front panel and use that to hold it if I don't have to get under it. If I have to move it I tip it face-down onto a dolly. If I have to work on the bottom I roll it over and support it with another block of wood.

Or, you could get one of those die carts from on of the many, many defunct manufacturing concerns of our country.

Joe

--- On Tue, 1/3/12, Mark J. Blair <nf6x@...> wrote:

From: Mark J. Blair <nf6x@...>
Subject: Re: [T-368_BC-610] T-368C First Smoke Test
To: "T-368_BC-610@yahoogroups.com" <T-368_BC-610@yahoogroups.com>
Date: Tuesday, January 3, 2012, 4:05 PM

It seems to have subsided, but I figure it is likely to reappear eventually (maybe when the weather is less dry than it is now). The wiring seemed to be supple and uncracked, but I could have missed something. I expect to be going through there and looking over the wiring and insulators again soon... Just not looking forward to heaving that power supply drawer out again! :)

--

Mark J. Blair, NF6X <nf6x@...>

Web page: http://www.nf6x.net/

On Jan 3, 2012, at 11:26, Joe Foley <redmenaced@...> wrote:

> Yeah, sounds like you have arcing in the wiring under the 3B28 sockets.

>

> Joe

>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4891. RE: [T-368_BC-610] T-368C First Smoke Test

Yahoo group: T-368_BC-610
Date: 2012-01-05 17:40:21 UTC
From: Mike Feher
Topic: 4871  Message: 4891

When I used to have to take the PS out of my T3, I used one of my son's skateboards. That way I was able to handle it by myself. The skateboard was just the right height that I was able to pull out the drawer and let it rest on the board and then roll it away. Then I was able to tilt it on its side to work on it. To put it back, just reversed the process.

When I first got my T-368F about 25 years ago, it was really in bad shape. I took it totally apart. I took out all of the cabling from the mainframe and re-painted the entire cabinet. When I replaced the wiring, I used new HV wire and thrashed all of the old dried out stuff. I also took off all of the front panels an re-painted them as well. When I was done it looked like new, and worked great. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Harold Hairston
Sent: Thursday, January 05, 2012 12:32 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] T-368C First Smoke Test

All these fixes are interesting. I finally gave-up on man-handling the beast as I don't have any local help readily available.. Since all my Boatanchors are in the basement shack, I purchased an Electric Hoist from Harbor Freight and mounted it to a well supported ceiling joist. It handles 1300lbs with two lines. I can roll the T-368 under the hoist, pull out a drawer far enough to hook a chain to the openings on each side of the drawer. (No problem avoiding damag to the T-368).This balances the drawer beautifully. By raising the drawer slightly with the hoist, the cabinet can be rolled away. I then lower the drawer to a mobile work station. Return the drawer in the reverse manner.

I also use it to maneuver VHF and UHF Repeaters and Base Stations.

Harold

----- Original Message -----
From: Joe Foley
To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
Sent: Wednesday, January 04, 2012 6:46 PM
Subject: Re: [T-368_BC-610] T-368C First Smoke Test

I don't have to lift mine! I put a block of wood under the front panel and use that to hold it if I don't have to get under it. If I have to move it I tip it face-down onto a dolly. If I have to work on the bottom I roll it over and support it with another block of wood.

Or, you could get one of those die carts from on of the many, many defunct manufacturing concerns of our country.

Joe

--- On Tue, 1/3/12, Mark J. Blair <nf6x@... <mailto:nf6x%40nf6x.net> > wrote:

From: Mark J. Blair <nf6x@... <mailto:nf6x%40nf6x.net> >
Subject: Re: [T-368_BC-610] T-368C First Smoke Test
To: "T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com> " <T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com> >
Date: Tuesday, January 3, 2012, 4:05 PM

It seems to have subsided, but I figure it is likely to reappear eventually (maybe when the weather is less dry than it is now). The wiring seemed to be supple and uncracked, but I could have missed something. I expect to be going through there and looking over the wiring and insulators again soon... Just not looking forward to heaving that power supply drawer out again! :)

--

Mark J. Blair, NF6X <nf6x@... <mailto:nf6x%40nf6x.net> >

Web page: http://www.nf6x.net/

On Jan 3, 2012, at 11:26, Joe Foley <redmenaced@... <mailto:redmenaced%40yahoo.com> > wrote:

> Yeah, sounds like you have arcing in the wiring under the 3B28 sockets.

>

> Joe

>

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 4892. Re: [T-368_BC-610] T-368C First Smoke Test

Yahoo group: T-368_BC-610
Date: 2012-01-05 21:35:26 UTC
From: Harold Hairston
Topic: 4871  Message: 4892

Great job, Mike:

I know that you are more proud of your T-3 because you made it what it is. I know that I couldn't do all that work.Do you use it often? I don't ragchew very much but I check into two AM Nets weekly.

I was very fortunate to to find one that looked great cosmetically and worked great. Had to do very little to it. Had to replace the plate Tuning Capacitor. It is an "E" Model. According to the Tag on the cabinet, it went through the Depot on 04-11-69. No doubt, that contributed to the good condition.

Best '73 and a healthy and prosperous 2012.

Harold

----- Original Message -----
From: Mike Feher
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, January 05, 2012 12:40 PM
Subject: RE: [T-368_BC-610] T-368C First Smoke Test

When I used to have to take the PS out of my T3, I used one of my son's skateboards. That way I was able to handle it by myself. The skateboard was just the right height that I was able to pull out the drawer and let it rest on the board and then roll it away. Then I was able to tilt it on its side to work on it. To put it back, just reversed the process.

When I first got my T-368F about 25 years ago, it was really in bad shape. I took it totally apart. I took out all of the cabling from the mainframe and re-painted the entire cabinet. When I replaced the wiring, I used new HV wire and thrashed all of the old dried out stuff. I also took off all of the front panels an re-painted them as well. When I was done it looked like new, and worked great. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Harold Hairston
Sent: Thursday, January 05, 2012 12:32 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] T-368C First Smoke Test

All these fixes are interesting. I finally gave-up on man-handling the beast as I don't have any local help readily available.. Since all my Boatanchors are in the basement shack, I purchased an Electric Hoist from Harbor Freight and mounted it to a well supported ceiling joist. It handles 1300lbs with two lines. I can roll the T-368 under the hoist, pull out a drawer far enough to hook a chain to the openings on each side of the drawer. (No problem avoiding damag to the T-368).This balances the drawer beautifully. By raising the drawer slightly with the hoist, the cabinet can be rolled away. I then lower the drawer to a mobile work station. Return the drawer in the reverse manner.

I also use it to maneuver VHF and UHF Repeaters and Base Stations.

Harold

----- Original Message -----
From: Joe Foley
To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
Sent: Wednesday, January 04, 2012 6:46 PM
Subject: Re: [T-368_BC-610] T-368C First Smoke Test

I don't have to lift mine! I put a block of wood under the front panel and use that to hold it if I don't have to get under it. If I have to move it I tip it face-down onto a dolly. If I have to work on the bottom I roll it over and support it with another block of wood.

Or, you could get one of those die carts from on of the many, many defunct manufacturing concerns of our country.

Joe

--- On Tue, 1/3/12, Mark J. Blair <nf6x@... <mailto:nf6x%40nf6x.net> > wrote:

From: Mark J. Blair <nf6x@... <mailto:nf6x%40nf6x.net> >
Subject: Re: [T-368_BC-610] T-368C First Smoke Test
To: "T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com> " <T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com> >
Date: Tuesday, January 3, 2012, 4:05 PM

It seems to have subsided, but I figure it is likely to reappear eventually (maybe when the weather is less dry than it is now). The wiring seemed to be supple and uncracked, but I could have missed something. I expect to be going through there and looking over the wiring and insulators again soon... Just not looking forward to heaving that power supply drawer out again! :)

--

Mark J. Blair, NF6X <nf6x@... <mailto:nf6x%40nf6x.net> >

Web page: http://www.nf6x.net/

On Jan 3, 2012, at 11:26, Joe Foley <redmenaced@... <mailto:redmenaced%40yahoo.com> > wrote:

> Yeah, sounds like you have arcing in the wiring under the 3B28 sockets.

>

> Joe

>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4893. Re: T-368C First Smoke Test

Yahoo group: T-368_BC-610
Date: 2012-01-06 15:10:53 UTC
From: steve_n8ye
Topic: 4871  Message: 4893

Thanks for the tip about the skateboard. I have found that a piano bench is the right size for the modulator deck. Just put a towel across the bench and slide the deck over to it. If I have to get under it, I call for help. I can still manhandle the rf deck.

Steve N8YE

--- In T-368_BC-610@yahoogroups.com, "Mike Feher" <n4fs@...> wrote:
>
> When I used to have to take the PS out of my T3, I used one of my son's
> skateboards. (Snip)

# 4894. RE: [T-368_BC-610] Re: T-368C First Smoke Test

Yahoo group: T-368_BC-610
Date: 2012-01-06 15:34:50 UTC
From: Thekan, Paul
Topic: 4871  Message: 4894

I used a floor jack with a plywood base I made that attaches to the floor jack. It's nice to use the hydraulics to adjust to the height of the pwr supply drawer and then raise it up high enough to where I do not have to bend over to lift it but just grab it and heft it onto the service cart. It's been a while since I've had to do that...and was a bit younger then too:)

Paul
N6FEG

---
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of steve_n8ye
Sent: Friday, January 06, 2012 7:11 AM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] Re: T-368C First Smoke Test

Thanks for the tip about the skateboard. I have found that a piano
bench is the right size for the modulator deck. Just put a towel across the bench and slide the deck over to it. If I have to get under it, I call for help. I can still manhandle the rf deck.

Steve N8YE

--- In T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610%40yahoogroups.com>, "Mike Feher" <n4fs@...> wrote:
>
> When I used to have to take the PS out of my T3, I used one of my son's
> skateboards. (Snip)

---

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confidential and/or inside information. Any distribution or use of this
communication by anyone other than the intended recipient(s) is strictly
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[Non-text portions of this message have been removed]

# 4895. Re: [T-368_BC-610] Re: T-368C First Smoke Test

Yahoo group: T-368_BC-610
Date: 2012-01-06 19:27:00 UTC
From: Brian Harris
Topic: 4871  Message: 4895

A motorcyle jack also works quite well.  I bought a like new one at a garage sale for $40.

Brian Harris
cell 214-763-5977
email cosmophone@yahoo.com

---
From: "Thekan, Paul" <Paul.Thekan@cpii.com>
To: "'T-368_BC-610@yahoogroups.com'" <T-368_BC-610@...m>
Sent: Friday, January 6, 2012 9:34 AM
Subject: RE: [T-368_BC-610] Re: T-368C First Smoke Test

I used a floor jack with a plywood base I made that attaches to the floor jack. It's nice to use the hydraulics to adjust to the height of the pwr supply drawer and then raise it up high enough to where I do not have to bend over to lift it but just grab it and heft it onto the service cart. It's been a while since I've had to do that...and was a bit younger then too:)

Paul
N6FEG

---
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of steve_n8ye
Sent: Friday, January 06, 2012 7:11 AM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] Re: T-368C First Smoke Test

Thanks for the tip about the skateboard. I have found that a piano
bench is the right size for the modulator deck. Just put a towel across the bench and slide the deck over to it. If I have to get under it, I call for help. I can still manhandle the rf deck.

Steve N8YE

--- In T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610%40yahoogroups.com>, "Mike Feher" <n4fs@...> wrote:
>
> When I used to have to take the PS out of my T3, I used one of my son's
> skateboards. (Snip)

---

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4896. Re: [T-368_BC-610] T-368C First Smoke Test

Yahoo group: T-368_BC-610
Date: 2012-01-07 16:39:24 UTC
From: Mark J. Blair
Topic: 4871  Message: 4896

On Jan 2, 2012, at 18:29 , mac wrote:
> If you're running 500 W carrier and pushing the modulation to 100%
> with a continuous tone you're kicking the beast kinda hard which could
> be why the breaker is popping. The specs say 400 - 450 watts carrier
> out for AM. Try dialing back the loading to 200ma or so PA current
> and see how it behaves. This may allow you to pinch off at the
> carrier at the baseline too. With the 4-150A modulator tubes only
> running class AB1 the rig is not long on audio power.

I replaced my spotty modulator bias potentiometer with a new one from eBay. That didn't cure my low modulation situation, though. I have the rig tuned up for 180mA plate current and 400W carrier, and I can only get about 50% modulation. I can get 100% in tuning mode. I have the bias set for 50mA indicated on the excitation meter (whose calibration is questionable, even after I readjusted the bearings... I still need to check it against a my DMM). At that, I have the modulation boas pot turned up almost all the way. If I recall correctly, I indicate about 100mA modulator plate current at 50% modulation in operating mode, and I can't get substantially more modulation by increasing the bias (I can get less modulation and more distortion by turning it down, naturally).

Is this a problem, or is this normal for this transmitter, with its "short" audio power?

By the way, I'm not popping any breakers at the moment.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 4897. Re: [T-368_BC-610] T-368C First Smoke Test

Yahoo group: T-368_BC-610
Date: 2012-01-07 17:03:19 UTC
From: Geoff
Topic: 4871  Message: 4897

On 1/7/2012 10:39 AM, Mark J. Blair wrote:
> If I recall correctly, I indicate about 100mA modulator plate current at 50% modulation in operating mode, and I can't get substantially more modulation by increasing the bias (I can get less modulation and more distortion by turning it down, naturally).
>
> Is this a problem, or is this normal for this transmitter, with its "short" audio power?
>
> By the way, I'm not popping any breakers at the moment.

Eimac tube specs for the 4-125A say that typical operation is
2,500v in Class AB1
600v on the screens
-96v grid
50mA at Zero signal (idle)
Max-signal plate current is 232mA
that gives it a plate-to-plate Z of 20.3kOhms, requiring 96v grid input voltage (per tube)
They should be producing ~330w output.

I'd check the drive to the grids.

If the modulation transformer was open, you'd have heaps of current on the primary, and very little on the secondary. seems you're not getting much current swing on the primary, so that's what had me going in the direction of the drive to them -if- the problem is in the modulator. What all is in between the modulation transformer and the final? Check that path for resistance, as well. The high side of the mod xfmr should go directly to the final. There might be a resistor off of there to drop the B+ to feed to the screens for proper modulation. check it, as well.

Good luck! Keep us posted.

73 = Best RegardS
-Geoff/W5OMR

# 4898. Re: [T-368_BC-610] T-368C First Smoke Test

Yahoo group: T-368_BC-610
Date: 2012-01-07 17:17:14 UTC
From: Geoff
Topic: 4871  Message: 4898

On 1/7/2012 11:03 AM, Geoff wrote:
> On 1/7/2012 10:39 AM, Mark J. Blair wrote:
>> If I recall correctly, I indicate about 100mA modulator plate current at 50% modulation in operating mode, and I can't get substantially more modulation by increasing the bias (I can get less modulation and more distortion by turning it down, naturally).
>>
>> Is this a problem, or is this normal for this transmitter, with its "short" audio power?
>>
>> By the way, I'm not popping any breakers at the moment.
>

btw, that link is at http://www.g8wrb.org/data/Eimac/4-125A.pdf

# 4899. Re: [T-368_BC-610] T-368C First Smoke Test

Yahoo group: T-368_BC-610
Date: 2012-01-07 17:19:34 UTC
From: Mark J. Blair
Topic: 4871  Message: 4899

Thanks for the suggestions! I had worked my way forward through the speech amp up to the clipper (where I found a hard failure) when I was fixing the no-modulation problem. Now, it looks like I need to work my way back from the final modulator stage to see what sorts of signal levels I have.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 4900. BC-610 w/O-39

Yahoo group: T-368_BC-610
Date: 2012-01-07 17:22:04 UTC
From: rbethman
Topic: 4900  Message: 4900

Anyone with this setup?

If you do, could you tell me, looking from the front of the BC-610, which pin, left or right. has the RF on that in that little box that plugs into the XTAL socket?

I can't determine using a DVM or VTVM, wich pin is the RF one, and which one is the ground pin.

Those two meters show Zero ohms to ground. It is most likely that there is a small inductor that doesn't have ENOUGH DC resistance.

I'm going to connect an HP-3336B to the TUs as a frequency source. Essentially as a VFO in lieu of the M.O. which is entirely TOO touchy to reasonably set the frequency over the range of the TU.

Thanks in advance!

Bob - N0DGN

# 4901. Re: [T-368_BC-610] BC-610 w/O-39

Yahoo group: T-368_BC-610
Date: 2012-01-07 17:48:42 UTC
From: Frank Mercurio
Topic: 4900  Message: 4901

My Knight VFO feeds RF to the right hand pin of the TU in use ... I
ground the shield to chassis

rbethman wrote:
>
> Anyone with this setup?
>
> If you do, could you tell me, looking from the front of the BC-610,
> which pin, left or right. has the RF on that in that little box that
> plugs into the XTAL socket?
>
> I can't determine using a DVM or VTVM, wich pin is the RF one, and which
> one is the ground pin.
>
> Those two meters show Zero ohms to ground. It is most likely that there
> is a small inductor that doesn't have ENOUGH DC resistance.
>
> I'm going to connect an HP-3336B to the TUs as a frequency source.
> Essentially as a VFO in lieu of the M.O. which is entirely TOO touchy to
> reasonably set the frequency over the range of the TU.
>
> Thanks in advance!
>
> Bob - N0DGN
>
> __ <!-- #ygrp-mkp { border: 1px solid #d8d8d8; font-family: Arial;
> margin: 10px 0; padding: 0 10px; } #ygrp-mkp hr { border: 1px solid
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> font-weight: 700; line-height: 122%; margin: 10px 0; } #ygrp-mkp #ads
> { margin-bottom: 10px; } #ygrp-mkp .ad { padding: 0 0; } #ygrp-mkp .ad
> p { margin: 0; } #ygrp-mkp .ad a { color: #0000ff; text-decoration:
> none; } #ygrp-sponsor #ygrp-lc { font-family: Arial; } #ygrp-sponsor
> #ygrp-lc #hd { margin: 10px 0px; font-weight: 700; font-size: 78%;
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> padding: 0 0; } a { color: #1e66ae; } #actions { font-family: Verdana;
> font-size: 11px; padding: 10px 0; } #activity { background-color:
> #e0ecee; float: left; font-family: Verdana; font-size: 10px; padding:
> 10px; } #activity span { font-weight: 700; } #activity
> span:first-child { text-transform: uppercase; } #activity span a {
> color: #5085b6; text-decoration: none; } #activity span span { color:
> #ff7900; } #activity span .underline { text-decoration: underline; }
> .attach { clear: both; display: table; font-family: Arial; font-size:
> 12px; padding: 10px 0; width: 400px; } .attach div a {
> text-decoration: none; } .attach img { border: none; padding-right:
> 5px; } .attach label { display: block; margin-bottom: 5px; } .attach

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> label a { text-decoration: none; } blockquote { margin: 0 0 0 4px; }
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> a { text-decoration: none; } dd.last p a { font-family: Verdana;
> font-weight: 700; } dd.last p span { margin-right: 10px; font-family:
> Verdana; font-weight: 700; } dd.last p span.yshortcuts { margin-right:
> 0; } div.attach-table div div a { text-decoration: none; }
> div.attach-table { width: 400px; } div.file-title a, div.file-title
> a:active, div.file-title a:hover, div.file-title a:visited {
> text-decoration: none; } div.photo-title a, div.photo-title a:active,
> div.photo-title a:hover, div.photo-title a:visited { text-decoration:
> none; } div#ygrp-mlmsg #ygrp-msg p a span.yshortcuts { font-family:
> Verdana; font-size: 10px; font-weight: normal; } .green { color:
> #628c2a; } .MsoNormal { margin: 0 0 0 0; } o { font-size: 0; } #photos
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> label { color: #666666; font-size: 10px; overflow: hidden; text-align:
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> font-size: 77%; } #reco-desc { font-size: 77%; } .replbq { margin:
> 4px; } #ygrp-actbar div a:first-child { /* border-right: 0px solid
> #000;*/ margin-right: 2px; padding-right: 5px; } #ygrp-mlmsg {
> font-size: 13px; font-family: Arial, helvetica,clean, sans-serif;
> *font-size: small; *font: x-small; } #ygrp-mlmsg table { font-size:
> inherit; font: 100%; } #ygrp-mlmsg select, input, textarea { font: 99%
> Arial, Helvetica, clean, sans-serif; } #ygrp-mlmsg pre, code {
> font:115% monospace; *font-size:100%; } #ygrp-mlmsg * { line-height:
> 1.22em; } #ygrp-mlmsg #logo { padding-bottom: 10px; } #ygrp-mlmsg a {
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> p#attach-count span { color: #1E66AE; font-weight: 700; } #ygrp-reco
> #reco-head { color: #ff7900; font-weight: 700; } #ygrp-reco {
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> font-size: 130%; text-decoration: none; } #ygrp-sponsor #ov li {
> font-size: 77%; list-style-type: square; padding: 6px 0; }
> #ygrp-sponsor #ov ul { margin: 0; padding: 0 0 0 8px; } #ygrp-text {
> font-family: Georgia; } #ygrp-text p { margin: 0 0 1em 0; } #ygrp-text
> tt { font-size: 120%; } #ygrp-vital ul li:last-child { border-right:
> none !important; } -->
```

# 4902. Re: [T-368_BC-610] T-368C First Smoke Test

Yahoo group: T-368_BC-610
Date: 2012-01-07 19:19:40 UTC
From: mac
Topic: 4871  Message: 4902

Mark,

How do you have the clipping control pot (R44 )on the speech amp chassis set? You should start off with it turned all the way CCW (no clipping). (I have the filters and clipper completely bypassed on my Basic, BTW.) Presume you are testing with an audio oscillator. Where are you feeding in the audio signal, i.e., through one if the jacks on the front of the rig or through the connector (J12) on the back?

DD

**********

On Jan 7, 2012, at 8:39 AM, Mark J. Blair wrote:

>
> On Jan 2, 2012, at 18:29 , mac wrote:
> > If you're running 500 W carrier and pushing the modulation to 100%
> > with a continuous tone you're kicking the beast kinda hard which
> could
> > be why the breaker is popping. The specs say 400 - 450 watts carrier
> > out for AM. Try dialing back the loading to 200ma or so PA current
> > and see how it behaves. This may allow you to pinch off at the
> > carrier at the baseline too. With the 4-150A modulator tubes only
> > running class AB1 the rig is not long on audio power.
>
> I replaced my spotty modulator bias potentiometer with a new one
> from eBay. That didn't cure my low modulation situation, though. I
> have the rig tuned up for 180mA plate current and 400W carrier, and
> I can only get about 50% modulation. I can get 100% in tuning mode.
> I have the bias set for 50mA indicated on the excitation meter
> (whose calibration is questionable, even after I readjusted the
> bearings... I still need to check it against a my DMM). At that, I
> have the modulation boas pot turned up almost all the way. If I
> recall correctly, I indicate about 100mA modulator plate current at
> 50% modulation in operating mode, and I can't get substantially more
> modulation by increasing the bias (I can get less modulation and
> more distortion by turning it down, naturally).
>
> Is this a problem, or is this normal for this transmitter, with its
> "short" audio power?
>
> By the way, I'm not popping any breakers at the moment.
>
> --
> Mark J. Blair, NF6X <nf6x@...>

> http://www.nf6x.net/
>
>

[Non-text portions of this message have been removed]

# 4903. Re: [T-368_BC-610] T-368C First Smoke Test

Yahoo group: T-368_BC-610
Date: 2012-01-07 19:33:48 UTC
From: Mark J. Blair
Topic: 4871  Message: 4903

On Jan 7, 2012, at 11:19 , mac wrote:
> How do you have the clipping control pot (R44 )on the speech amp chassis set? You should start off with it turned all the way CCW (no clipping). (I have the filters and clipper completely bypassed on my Basic, BTW.) Presume you are testing with an audio oscillator. Where are you feeding in the audio signal, i.e., through one if the jacks on the front of the rig or through the connector (J12) on the back?

I have the clipping pot turned CCW. I'm feeding the audio oscillator (AN/URM-127) into the carbon mic input on the front panel through a DC block cap. I haven't tried inputting through the rear connector yet.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 4904. Re: [T-368_BC-610] T-368C First Smoke Test

Yahoo group: T-368_BC-610
Date: 2012-01-07 20:21:16 UTC
From: mac
Topic: 4871  Message: 4904

OK. I take it that beyond a certain point the modulation percentage will not increase no matter how much you advance the output level of the oscillator and/or the gain control on the xmitter? Does the audio waveform as seen on the RF envelope become distorted when you do this, i.e., start to flat-top for ex? Just for fun, have you tried a microphone to see how much modulation you get? The M-52 or whatever else you used to use with your T-195 should plug right into your carbon mic connector on the front.

The modulator tubes in the T-368 are running in class AB-1 which means the grids are never driven positive and so the speech amp has to deliver voltage only, no power. What you should see at the mod grids with your scope is a maximum audio signal with a P-P value of approximately twice the modulator bias setting, i.e., something around 2X175 volts. You should be able to safely test this by pulling one of the 4-125s to get to the grid pin (#3) and then keying the transmitter and applying an audio signal WITH THE HV CIRCUIT BREAKER IN THE OFF POSITION. If you see the full audio signal swing at the grid the problem is somewhere beyond this point. If you don't then the problem would be back in the speech amp.

DD

*********
On Jan 7, 2012, at 11:33 AM, Mark J. Blair wrote:

>
> On Jan 7, 2012, at 11:19 , mac wrote:
>> How do you have the clipping control pot (R44 )on the speech amp
>> chassis set? You should start off with it turned all the way CCW
>> (no clipping). (I have the filters and clipper completely bypassed
>> on my Basic, BTW.) Presume you are testing with an audio
>> oscillator. Where are you feeding in the audio signal, i.e.,
>> through one if the jacks on the front of the rig or through the
>> connector (J12) on the back?
>
> I have the clipping pot turned CCW. I'm feeding the audio oscillator
> (AN/URM-127) into the carbon mic input on the front panel through a
> DC block cap. I haven't tried inputting through the rear connector
> yet.
>
>
> --
> Mark J. Blair, NF6X <nf6x@...>
> http://www.nf6x.net/
>

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>
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> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 4905. Re: [T-368_BC-610] T-368C First Smoke Test

Yahoo group: T-368_BC-610
Date: 2012-01-07 23:35:53 UTC
From: Mark J. Blair
Topic: 4871  Message: 4905

On Jan 7, 2012, at 12:21 , mac wrote:
> OK. I take it that beyond a certain point the modulation percentage
> will not increase no matter how much you advance the output level of
> the oscillator and/or the gain control on the xmitter?

Correct.

> Does the audio
> waveform as seen on the RF envelope become distorted when you do this,
> i.e., start to flat-top for ex?

Yes.

> Just for fun, have you tried a
> microphone to see how much modulation you get? The M-52 or whatever
> else you used to use with your T-195 should plug right into your
> carbon mic connector on the front.

I'm using a TMN6054A mic for testing (when I'm not using an oscillator). It looks the same: I can't pinch off the waveform, beyond about 50%. Is there any problem with running in tune mode for an extended time? I might try that for the net tonight...

> The modulator tubes in the T-368 are running in class AB-1 which means
> the grids are never driven positive and so the speech amp has to
> deliver voltage only, no power. What you should see at the mod grids
> with your scope is a maximum audio signal with a P-P value of
> approximately twice the modulator bias setting, i.e., something around
> 2X175 volts. You should be able to safely test this by pulling one
> of the 4-125s to get to the grid pin (#3) and then keying the
> transmitter and applying an audio signal WITH THE HV CIRCUIT BREAKER
> IN THE OFF POSITION. If you see the full audio signal swing at the
> grid the problem is somewhere beyond this point. If you don't then
> the problem would be back in the speech amp.

Good idea. Will do...

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 4906. Re: [T-368_BC-610] T-368C First Smoke Test

Yahoo group: T-368_BC-610
Date: 2012-01-08 01:01:36 UTC
From: Mark J. Blair
Topic: 4871  Message: 4906

On Jan 7, 2012, at 12:21 , mac wrote:
> The modulator tubes in the T-368 are running in class AB-1 which means
> the grids are never driven positive and so the speech amp has to
> deliver voltage only, no power. What you should see at the mod grids
> with your scope is a maximum audio signal with a P-P value of
> approximately twice the modulator bias setting, i.e., something around
> 2X175 volts. You should be able to safely test this by pulling one
> of the 4-125s to get to the grid pin (#3) and then keying the
> transmitter and applying an audio signal WITH THE HV CIRCUIT BREAKER
> IN THE OFF POSITION. If you see the full audio signal swing at the
> grid the problem is somewhere beyond this point. If you don't then
> the problem would be back in the speech amp.

Ok, with plate breaker off and both 4-125A tubes removed, I can put around 440 Vpp at the 4-125A grids before the signal starts to clip. So it looks like I have sufficient drive at the modulator tubes, but they're not putting out enough audio power. I'll start examining the circuits related to the 4-125A tubes.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 4907. BC-610 Db meter ID

Yahoo group: T-368_BC-610
Date: 2012-01-08 01:24:30 UTC
From: Tom Chirhart
Topic: 4907  Message: 4907

New to the list guys, can someone send me a photo of a Db meter used on the 610's? I have located a few boxes of 610 parts clearing out a basement and a square meter with Hallicrafters on it was in the mix. I can send a photo to anyone asking. Quite a few coils, plug in's, tubes etc. One plug in coil is still wrapped in the original box. May have other parts as well. May list what I have available to the list shortly.
Thanks
Tom K4NCG

Sent from my iPad

# 4908. Re: [T-368_BC-610] BC-610 Db meter ID

Yahoo group: T-368_BC-610
Date: 2012-01-08 01:54:56 UTC
From: rbethman
Topic: 4907  Message: 4908

There is no Db meter on the BC-610s.

There is filament voltage, PA mA, and mA for exciter. This is on the BC-610 itself.

There is a square meter on the Speech Amplifier, it also reads mA for modulation and to set the Audio resting current at 40mA.

N0DGN

On 1/7/2012 8:24 PM, Tom Chirhart wrote:
>
> New to the list guys, can someone send me a photo of a Db meter used
> on the 610's? I have located a few boxes of 610 parts clearing out a
> basement and a square meter with Hallicrafters on it was in the mix. I
> can send a photo to anyone asking. Quite a few coils, plug in's, tubes
> etc. One plug in coil is still wrapped in the original box. May have
> other parts as well. May list what I have available to the list shortly.
> Thanks
> Tom K4NCG
>
> Sent from my iPad
>
>
>
> <mailto:k4ncgva@...?subject=Re%3A%20BC-610%20Db%20meter%20ID>

[Non-text portions of this message have been removed]

# 4909. Re: [T-368_BC-610] T-368C First Smoke Test

Yahoo group: T-368_BC-610
Date: 2012-01-08 02:03:39 UTC
From: Geoff
Topic: 4871  Message: 4909

On 1/7/2012 7:01 PM, Mark J. Blair wrote:
> Ok, with plate breaker off and both 4-125A tubes removed, I can put
> around 440 Vpp at the 4-125A grids before the signal starts to clip.
> So it looks like I have sufficient drive at the modulator tubes, but
> they're not putting out enough audio power. I'll start examining the
> circuits related to the 4-125A tubes.

You might encounter that the 4-125A's are either gassy or flat. That happens in tube-life, from time to time...

# 4910. Re: [T-368_BC-610] T-368C First Smoke Test

Yahoo group: T-368_BC-610
Date: 2012-01-08 02:14:12 UTC
From: Mark J. Blair
Topic: 4871  Message: 4910

My tube tester doesn't have a socket for big tubes like the 4-125A. Is there some way for me to determine whether the tubes are gassy via in-circuit testing?

--
Mark J. Blair, NF6X <nf6x@...>
Web page: http://www.nf6x.net/

On Jan 7, 2012, at 18:03, Geoff <w5omr@...> wrote:

> On 1/7/2012 7:01 PM, Mark J. Blair wrote:
>> Ok, with plate breaker off and both 4-125A tubes removed, I can put
>> around 440 Vpp at the 4-125A grids before the signal starts to clip.
>> So it looks like I have sufficient drive at the modulator tubes, but
>> they're not putting out enough audio power. I'll start examining the
>> circuits related to the 4-125A tubes.
>
> You might encounter that the 4-125A's are either gassy or flat. That
> happens in tube-life, from time to time...
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>
> Yahoo! Groups Links
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# 4911. Re: [T-368_BC-610] T-368C First Smoke Test

Yahoo group: T-368_BC-610
Date: 2012-01-08 02:14:09 UTC
From: mac
Topic: 4871  Message: 4911

Mark,

Could be one of both of the 4-125s gone soft. Or, could be low screen voltage. First thing, check to see if the screen VR tube string is all lit up. Four 0A2s in series for a total of 600 volts. Glow not always easy to see, you may have to check in the dark. Quick and dirty tube test, key the rig (into a DL, no audio), up the resting mod current (lower the bias) until you start to see color on the 4-125 plates. Both tubes should start to show at the same bias setting, if not the one still dark is the weakling. At 100 ma resting current both tubes would be at their dissipation ratings if equal. Needless to say don't keep the rig keyed for very long when you're doing this.

On my Basic the bias control is set at about 1 o'clock for 50 ma resting current. Not critical, I operate with 35 - 40ma resting.

On operating in the TUNE mode I've never done this for an extended period. Should be OK for long enough to get some signal/audio reports on the net tonight. Also, you're not noted for long winded transmissions in my experience... :^)

DD

**********

On Jan 7, 2012, at 5:01 PM, Mark J. Blair wrote:

> 
> On Jan 7, 2012, at 12:21 , mac wrote:
> > The modulator tubes in the T-368 are running in class AB-1 which
> means
> > the grids are never driven positive and so the speech amp has to
> > deliver voltage only, no power. What you should see at the mod grids
> > with your scope is a maximum audio signal with a P-P value of
> > approximately twice the modulator bias setting, i.e., something
> around
> > 2X175 volts. You should be able to safely test this by pulling one
> > of the 4-125s to get to the grid pin (#3) and then keying the
> > transmitter and applying an audio signal WITH THE HV CIRCUIT BREAKER
> > IN THE OFF POSITION. If you see the full audio signal swing at the
> > grid the problem is somewhere beyond this point. If you don't then
> > the problem would be back in the speech amp.
> 
> Ok, with plate breaker off and both 4-125A tubes removed, I can put
> around 440 Vpp at the 4-125A grids before the signal starts to clip.
> So it looks like I have sufficient drive at the modulator tubes, but
> they're not putting out enough audio power. I'll start examining the

> circuits related to the 4-125A tubes.
>
> --
> Mark J. Blair, NF6X <nf6x@...>
> http://www.nf6x.net/
>
>

[Non-text portions of this message have been removed]

# 4912. Re: [T-368_BC-610] BC-610 Db meter ID

Yahoo group: T-368_BC-610
Date: 2012-01-08 02:31:33 UTC
From: Tom Chirhart
Topic: 4907  Message: 4912

Thanks Bob,
This meter is square 3X3 and the hole is 2 3/4, it measures -10 to +6, no part number. Says DECIBELS and the hallicrafters, inc. May be from another military product.
Tom

Sent from my iPad

On Jan 7, 2012, at 8:54 PM, rbethman <rbethman@...> wrote:

> There is no Db meter on the BC-610s.
>
> There is filament voltage, PA mA, and mA for exciter. This is on the
> BC-610 itself.
>
> There is a square meter on the Speech Amplifier, it also reads mA for
> modulation and to set the Audio resting current at 40mA.
>
> N0DGN
>
> On 1/7/2012 8:24 PM, Tom Chirhart wrote:
> >
> > New to the list guys, can someone send me a photo of a Db meter used
> > on the 610's? I have located a few boxes of 610 parts clearing out a
> > basement and a square meter with Hallicrafters on it was in the mix. I
> > can send a photo to anyone asking. Quite a few coils, plug in's, tubes
> > etc. One plug in coil is still wrapped in the original box. May have
> > other parts as well. May list what I have available to the list shortly.
> > Thanks
> > Tom K4NCG
> >
> > Sent from my iPad
> >
> >
> >
> > <mailto:k4ncgva@...?subject=Re%3A%20BC-610%20Db%20meter%20ID>
>
> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

# 4913. Re: [T-368_BC-610] T-368C First Smoke Test

Yahoo group: T-368_BC-610
Date: 2012-01-08 02:56:56 UTC
From: Mark J. Blair
Topic: 4871  Message: 4913

On Jan 7, 2012, at 18:14 , mac wrote:
> Could be one of both of the 4-125s gone soft. Or, could be low screen voltage. First thing, check to see if the screen VR tube string is all lit up. Four 0A2s in series for a total of 600 volts. Glow not always easy to see, you may have to check in the dark. Quick and dirty tube test, key the rig (into a DL, no audio), up the resting mod current (lower the bias) until you start to see color on the 4-125 plates. Both tubes should start to show at the same bias setting, if not the one still dark is the weakling. At 100 ma resting current both tubes would be at their dissipation ratings if equal. Needless to say don't keep the rig keyed for very long when you're doing this.

All four of my regulator tubes fire (I saw them when I was arc hunting). I haven't measured the screen voltage yet, but I expect it's probably OK since the regulators are firing.

Good suggestion on watching tubes while turning up the bias. I previously noted that both plates get red hot, and thus both tubes are conducting, but I hadn't considered ramping the bias to see which one lights up first.

> On my Basic the bias control is set at about 1 o'clock for 50 ma resting current. Not critical, I operate with 35 - 40ma resting.

The signs seem to be suggesting that one or both of my 4-125A tubes are weak. I guess I'll check the other resistors in the bias circuit, measure the bias, screen and plate voltages (assuming my HV probe goes high enough), and then if everything looks right then I'll order up a new pair of 4-125A tubes on Monday.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 4914. Re: [T-368_BC-610] T-368C First Smoke Test

Yahoo group: T-368_BC-610
Date: 2012-01-08 04:46:27 UTC
From: mac
Topic: 4871  Message: 4914

Mark,

Take a look at the metal skirt below the plate structure. Scorch
marks here a bad sign....

DD

**********

On Jan 7, 2012, at 6:56 PM, Mark J. Blair wrote:

>
> On Jan 7, 2012, at 18:14 , mac wrote:
>> Could be one of both of the 4-125s gone soft. Or, could be low
>> screen voltage. First thing, check to see if the screen VR tube
>> string is all lit up. Four 0A2s in series for a total of 600
>> volts. Glow not always easy to see, you may have to check in the
>> dark. Quick and dirty tube test, key the rig (into a DL, no
>> audio), up the resting mod current (lower the bias) until you start
>> to see color on the 4-125 plates. Both tubes should start to show
>> at the same bias setting, if not the one still dark is the
>> weakling. At 100 ma resting current both tubes would be at their
>> dissipation ratings if equal. Needless to say don't keep the rig
>> keyed for very long when you're doing this.
>
>
> All four of my regulator tubes fire (I saw them when I was arc
> hunting). I haven't measured the screen voltage yet, but I expect
> it's probably OK since the regulators are firing.
>
> Good suggestion on watching tubes while turning up the bias. I
> previously noted that both plates get red hot, and thus both tubes
> are conducting, but I hadn't considered ramping the bias to see
> which one lights up first.
>
>
>
>> On my Basic the bias control is set at about 1 o'clock for 50 ma
>> resting current. Not critical, I operate with 35 - 40ma resting.
>
> The signs seem to be suggesting that one or both of my 4-125A tubes
> are weak. I guess I'll check the other resistors in the bias
> circuit, measure the bias, screen and plate voltages (assuming my HV
> probe goes high enough), and then if everything looks right then
> I'll order up a new pair of 4-125A tubes on Monday.
>

> 
> 
> --
> Mark J. Blair, NF6X <nf6x@...>
> http://www.nf6x.net/
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> Yahoo! Groups Links
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# 4915. Re: [T-368_BC-610] BC-610 Db meter ID

Yahoo group: T-368_BC-610
Date: 2012-01-08 04:56:22 UTC
From: wa5cab@cs.com
Topic: 4907  Message: 4915

There is no dB meter on either the BC-610 or the BC-614.

In a message dated 01/07/2012 19:24:35 PM Central Standard Time,
k4ncgVA@... writes:
> New to the list guys, can someone send me a photo of a Db meter used on
> the 610's? I have located a few boxes of 610 parts clearing out a basement
> and a square meter with Hallicrafters on it was in the mix. I can send a
> photo to anyone asking. Quite a few coils, plug in's, tubes etc. One plug in
> coil is still wrapped in the original box. May have other parts as well. May
> list what I have available to the list shortly.
> Thanks
> Tom K4NCG

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 4916. Re: [T-368_BC-610] T-368C First Smoke Test

Yahoo group: T-368_BC-610
Date: 2012-01-08 06:20:59 UTC
From: Mark J. Blair
Topic: 4871  Message: 4916

On Jan 7, 2012, at 20:46 , mac wrote:
> Take a look at the metal skirt below the plate structure. Scorch marks here a bad sign....

Didn't notice them before, but now I see them under the right lighting. I don't see scorch marks in the 4-400A, though it's harder to see what's going on under its larger plate structure due to the shadows that it casts.

As long as I had them out of the set, I figured I might as well share some pictures of those beautiful firebottles:

http://www.nf6x.net/2012/01/t-368c-firebottles/

Click the pictures to enlarge them, naturally.

The scorch marks are darker and more distinct on one of the modulator tubes, but they're present on both of them. Here's the worse-looking one:

http://www.nf6x.net/2012/01/t-368c-firebottles/img_1675/

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 4917. Re: [T-368_BC-610] T-368C First Smoke Test

Yahoo group: T-368_BC-610
Date: 2012-01-10 01:08:54 UTC
From: Joe Foley
Topic: 4871  Message: 4917

There is just something really cool about a bottle that has Eimac and Made in the USA on it!!

Joe

--- On Sun, 1/8/12, Mark J. Blair <nf6x@...> wrote:

From: Mark J. Blair <nf6x@...>
Subject: Re: [T-368_BC-610] T-368C First Smoke Test
To: "T-368_BC-610 Group Group" <T-368_BC-610@yahoogroups.com>
Date: Sunday, January 8, 2012, 1:20 AM

On Jan 7, 2012, at 20:46 , mac wrote:
> Take a look at the metal skirt below the plate structure. Scorch marks here a bad sign....

Didn't notice them before, but now I see them under the right lighting. I don't see scorch marks in the 4-400A, though it's harder to see what's going on under its larger plate structure due to the shadows that it casts.

As long as I had them out of the set, I figured I might as well share some pictures of those beautiful firebottles:

http://www.nf6x.net/2012/01/t-368c-firebottles/

Click the pictures to enlarge them, naturally.

The scorch marks are darker and more distinct on one of the modulator tubes, but they're present on both of them. Here's the worse-looking one:

http://www.nf6x.net/2012/01/t-368c-firebottles/img_1675/

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

[Non-text portions of this message have been removed]

# 4918. Re: [T-368_BC-610] T-368C First Smoke Test

Yahoo group: T-368_BC-610
Date: 2012-01-10 08:19:01 UTC
From: Mark J. Blair
Topic: 4871  Message: 4918

On Jan 9, 2012, at 17:08 , Joe Foley wrote:
> There is just something really cool about a bottle that has Eimac and Made in the USA on it!!

I sure agree! I have two NOS ones on the way from an eBay purchase. Now I need to find some practical use for my old ones. They might not modulate fully, but they do still function. I suppose I can keep them as emergency spares if no better idea comes up.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 4919. Balanced pro-audio line level input to T-368

Yahoo group: T-368_BC-610
Date: 2012-01-10 08:58:23 UTC
From: Mark J. Blair
Topic: 4919  Message: 4919

Have any of y'all successfully adapted the T-368's 600 ohm audio input to balanced pro-audio (i.e., XLR connector) line level input? I have a NOS mating plug for the rear panel connector, and I plan to mount a box on the back of the cabinet (probably with a magnet) with whatever jacks I want to hook up to the line input, PTT input, Rx muting line, CW sidetone, and so forth. I figure that I'd like to include a transformer in the box to adapt the 600 ohm input to a standard balanced pro-audio line level input, but I'm not sure yet whether I should use a 1:1 transformer or another ratio, whether I need an attenuator pad, etc.

If anybody here has blazed that trail before, then I'd appreciate any hints. And if not, then I'll just figure it out myself and then share the results!

I think I've been bitten by the AM sound quality bug. While I do not plan to hack up my transmitter, I may consider the simple/reversible mod I've seen to bypass the speech amp filters and clipper. Maybe I should make it switchable for those times when the classic mil audio sound strikes my fancy? I picked up a Shure SM58 mic on sale at Best Buy this evening (silly thing didn't work right out of the box, but I found a broken wire inside and fixed it myself rather than bothering to exchange it), and I'm poking about for a good deal on a Symetrix voice processor (maybe the bug I caught is terminal?). I already have a mic pre-amp that I've used with my T-195 before. Hunting through the list archives, I don't think I'm the first to contract this bug here, but I didn't find anything directly on-topic about properly adapting the 600 ohm input to standard pro-audio balance line levels.

Well, I'm off to bed now, hopefully to dream of glowing tubes and clean audio! :)

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 4920. Re: Balanced pro-audio line level input to T-368

Yahoo group: T-368_BC-610
Date: 2012-01-10 13:44:53 UTC
From: Rodger Hough
Topic: 4919  Message: 4920

Mark:

If you've got the correct connector and a schematic go for it. I did. I went from the T3 connector about 5 feet to a mini-box 4 X 6 I think, in which I mounted a nice Triad 600:600 transformer. I put a female XLR on the box for line level input from a mixer. There's also a jack for PTT footswitch. You would not need a transformer if you are careful with your grounds and of course you could use a ring/tip/sleeve quarter inch instead of the XLR. There are quite a few mods to "improve" the sound of your T-368 ranging from easy to more complex. A couple of cap changes and some function bypassing in the speech amp get you a long way; I also made the mods to the RF deck including winding a new RF plate choke. Most fun I'd had in a long time. I also made the changes to read Cathode rather than Plate Current. The biggest advice I would give is to make only one change at a time and make sure it works before moving on to the next change.
I speak from experience here. I made changes to the audio deck and the RF deck simultaneously without checking my work thoroughly. Afterwards everytime I released my push to talk switch I got an arc in the RF deck. Then I'm scratching my head wondering where my problem was. I was lucky enough to have a ham friend KA4JVY who drove one of his decks 150 miles to swap with mine to narrow the problem. Once the problem was confirmed in the RF deck I found the problem. I've documented the problem on the net, so that others might not make this simple mistake. I have all kinds of audio processing gear left over from studio installations. I actually use NONE of it. I like my T-368 with a slightly modified D-104 setup, plugged into the carbon mic input (DC removed) on the front panel. What a great radio! Good luck.

Rodger K1HH

# 4921. Re: [T-368_BC-610] Balanced pro-audio line level input to T-368

Yahoo group: T-368_BC-610
Date: 2012-01-10 16:54:41 UTC
From: Mark J. Blair
Topic: 4919  Message: 4921

On Jan 10, 2012, at 05:44 , Rodger Hough wrote:
> If you've got the correct connector and a schematic go for it. I did. I went from the T3 connector about 5 feet to a mini-box 4 X 6 I think, in which I mounted a nice Triad 600:600 transformer. I put a female XLR on the box for line level input from a mixer. There's also a jack for PTT footswitch. You would not need a transformer if you are careful with your grounds and of course you could use a ring/tip/sleeve quarter inch instead of the XLR.

Thanks! So, a 1:1 impedance transformer makes things right for standard pro-audio line level? I plan to have the transformer on the back of the cabinet to get maximum benefit from moving audio around the shack on balanced lines, but otherwise it sounds like I'll be doing something similar to what you did. I'll probably use my handswitch instead of my footswitch for PTT, because I have dogs that like to curl up around my feet while I'm operating.

> There are quite a few mods to "improve" the sound of your T-368 ranging from easy to more complex. A couple of cap changes and some function bypassing in the speech amp get you a long way; I also made the mods to the RF deck including winding a new RF plate choke. Most fun I'd had in a long time. I also made the changes to read Cathode rather than Plate Current. The biggest advice I would give is to make only one change at a time and make sure it works before moving on to the next change.
> I speak from experience here. I made changes to the audio deck and the RF deck simultaneously without checking my work thoroughly. Afterwards everytime I released my push to talk switch I got an arc in the RF deck. Then I'm scratching my head wondering where my problem was. I was lucky enough to have a ham friend KA4JVY who drove one of his decks 150 miles to swap with mine to narrow the problem. Once the problem was confirmed in the RF deck I found the problem. I've documented the problem on the net, so that others might not make this simple mistake. I have all kinds of audio processing gear left over from studio installations. I actually use NONE of it. I like my T-368 with a slightly modified D-104 setup, plugged into the carbon mic input (DC removed) on the front panel. What a great radio! Good luck.

I plan to stay well towards the "easy" end of the mod spectrum, particularly since I might determine that I never needed the mods in the first place afterwards. This'll be an educational journey, so I don't know where I'll end up yet. I don't want to de-DC my carbon mic input, so that I can still plug in an M-29, TMN6054A, or whatever at the front panel whenever I want. I'll be walking a tightrope between the side of me that likes to keep things original, and the side of me that wants to experiment, learn, and improve stuff.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 4922. Re: [T-368_BC-610] Balanced pro-audio line level input to T-368

Yahoo group: T-368_BC-610
Date: 2012-01-10 18:15:55 UTC
From: Rodger Hough
Topic: 4919  Message: 4922

Mark:

Without my manual in front of me, I can't confirm that 600 ohms is what the line input is on the T-3, but I believe it to be so. That's why I used the 600/600 tranny I had (it actually will do 150 too). Most of today's line level semipro and pro gear don't have a pure 600 ohm output. I've looked at a lot of mixers that have line outputs stated from 100 ohms and up, but no matter. Today's world revolves around a voltage source feed as opposed to the current feeds of yore. So an axiom I learned many years ago holds true today. You can feed a low impedance into a high impedance; you should not feed a high impedance into a low impedance.
Not saying it can't be done, but the common op-amp works right along with my axiom which I adopted long before there were opamps.

I have thought that the next time I have the modulator deck on the bench (hopefully not soon), I would install a small toggle switch to turn the mic bias on or off so that the carbon mic could be used as well as the D-104.

One of the things I haven't found out about the T-368 is their dates of manufacture. I have a late model TRW F series. I would like to know the build dates of all the models though.

Rodger K1HH
On Jan 10, 2012, at 11:54 AM, Mark J. Blair wrote:

>
> On Jan 10, 2012, at 05:44 , Rodger Hough wrote:
> > If you've got the correct connector and a schematic go for it. I did. I went from the T3 connector about 5 feet to a mini-box 4 X 6 I think, in which I mounted a nice Triad 600:600 transformer. I put a female XLR on the box for line level input from a mixer. There's also a jack for PTT footswitch. You would not need a transformer if you are careful with your grounds and of course you could use a ring/tip/sleeve quarter inch instead of the XLR.
>
> Thanks! So, a 1:1 impedance transformer makes things right for standard pro-audio line level? I plan to have the transformer on the back of the cabinet to get maximum benefit from moving audio around the shack on balanced lines, but otherwise it sounds like I'll be doing something similar to what you did. I'll probably use my handswitch instead of my footswitch for PTT, because I have dogs that like to curl up around my feet while I'm operating.
>
> > There are quite a few mods to "improve" the sound of your T-368 ranging from easy to more complex. A couple of cap changes and some function bypassing in the speech amp get you a long way; I also made the mods to the RF deck including winding a new RF plate choke. Most fun I'd had in a long time. I also made the changes to read Cathode rather than Plate Current. The biggest advice I would give is to make only one change at a time and make sure it works before moving on to the next change.
> > I speak from experience here. I made changes to the audio deck and the RF deck

simultaneously without checking my work thoroughly. Afterwards everytime I released my push to talk switch I got an arc in the RF deck. Then I'm scratching my head wondering where my problem was. I was lucky enough to have a ham friend KA4JVY who drove one of his decks 150 miles to swap with mine to narrow the problem. Once the problem was confirmed in the RF deck I found the problem. I've documented the problem on the net, so that others might not make this simple mistake. I have all kinds of audio processing gear left over from studio installations. I actually use NONE of it. I like my T-368 with a slightly modified D-104 setup, plugged into the carbon mic input (DC removed) on the front panel. What a great radio! Good luck.
>
> I plan to stay well towards the "easy" end of the mod spectrum, particularly since I might determine that I never needed the mods in the first place afterwards. This'll be an educational journey, so I don't know where I'll end up yet. I don't want to de-DC my carbon mic input, so that I can still plug in an M-29, TMN6054A, or whatever at the front panel whenever I want. I'll be walking a tightrope between the side of me that likes to keep things original, and the side of me that wants to experiment, learn, and improve stuff.
>
> --
> Mark J. Blair, NF6X <nf6x@...>
> http://www.nf6x.net/
>
>

[Non-text portions of this message have been removed]

# 4923. Re: [T-368_BC-610] Balanced pro-audio line level input to T-368

Yahoo group: T-368_BC-610
Date: 2012-01-10 22:39:52 UTC
From: Mark J. Blair
Topic: 4919  Message: 4923

I can share the contract numbers and so forth on my transmitter if that helps you get the manufacturing information that you want. I'm at work now, but I can do it later. I suspect that my unit is a Frankenstein mix of parts because the RF deck has a different shade of paint than the rest, the other two drawers have paper labels added stating something like "part of transmitter T-368C", and the cabinet has the hole pattern for the later sealed RF relay in the top. So, I would guess that my RF drawer is an original C drawer, and the rest is from a later variant that was retrofitted back into C configuration. That's not much more than a wild guess though.

I was thinking this morning that if I do decide to bypass the audio filtering in the speech amp (and I don't think I'd make any of the more involved modifications), maybe I could accomplish the bypassing with relays, replace the 600 ohm line level pot with one that includes a switch, and have the switch control the relays. I'd be able to drive the unit from either audio input in wide mode, or I could plug a carbon mic in the front, turn the 600 ohm pot all the way down, and I'd have stock military sound. No added holes needed for switching that way, either.

--
Mark J. Blair, NF6X <nf6x@...>
Web page: http://www.nf6x.net/

# 4924. Re: [T-368_BC-610] Balanced pro-audio line level input to T-368

Yahoo group: T-368_BC-610
Date: 2012-01-10 23:23:57 UTC
From: rbethman
Topic: 4919  Message: 4924

Mark,

The contract # *may* help. No guarantees!

A lot of these went through Depot, as did the R-390As, and had "modules"/"assemblies" swapped around as was needed to get them out the door and back in service as fast as possible.

The same cou;d be said for the BC-610/T-213s. The data plate is on the front panel. The three decks, RF/PA, Mod, and Pwr Supply may have come from any other in the same model, such as "E", "F", "G", "H", "I". The T-213 is another guess as it went into Depot asa BC-610 and came out a T-213. They simply placed a T-213 data plate right over the top of what the previous data plate was.

I haven't taken the T-213 plate off to see "what" it "was".

Our glass firebottles say Eimac on the base!

Bob - N0DGN

On 1/10/2012 5:39 PM, Mark J. Blair wrote:
>
> I can share the contract numbers and so forth on my transmitter if
> that helps you get the manufacturing information that you want. I'm at
> work now, but I can do it later. I suspect that my unit is a
> Frankenstein mix of parts because the RF deck has a different shade of
> paint than the rest, the other two drawers have paper labels added
> stating something like "part of transmitter T-368C", and the cabinet
> has the hole pattern for the later sealed RF relay in the top. So, I
> would guess that my RF drawer is an original C drawer, and the rest is
> from a later variant that was retrofitted back into C configuration.
> That's not much more than a wild guess though.
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> with relays, replace the 600 ohm line level pot with one that includes
> a switch, and have the switch control the relays. I'd be able to drive
> the unit from either audio input in wide mode, or I could plug a
> carbon mic in the front, turn the 600 ohm pot all the way down, and
> I'd have stock military sound. No added holes needed for switching
> that way, either.
>
> --
> Mark J. Blair, NF6X <nf6x@... <mailto:nf6x%40nf6x.net>>
> Web page: http://www.nf6x.net/

>
>

--
+----------------------------------------------------------------+
| AM Amateur Radio Operator NØDGN |
+----------------------------------------------------------------+
| http://home.comcast.net/~rbethman/ |
+----------------------------------------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| \\ ~ ~ // signal does *NOT* mean |
| rbethman@... (/ @ @ /) that everything is OK " |
+----------------------o00o---°(_)°---o00o-------------------------+

[Non-text portions of this message have been removed]

# 4925. mods

Yahoo group: T-368_BC-610
Date: 2012-01-11 09:18:36 UTC
From: Alan Morriss
Topic: 4925  Message: 4925

Hello guys , well , it seems to me that if you do any mods to a WW2 tramsmitter or any other gear , you are not operating a BC610 or some such any more. what you are using is something based on the original equipment. in the case of components which are unavailable any more, modern replacements must be used of course , but to keep originality it should stop at that. alan G4GEN

[Non-text portions of this message have been removed]

# 4926. Re: [T-368_BC-610] mods

Yahoo group: T-368_BC-610
Date: 2012-01-11 11:56:39 UTC
From: Geoff
Topic: 4925  Message: 4926

On 1/11/2012 3:18 AM, Alan Morriss wrote:
> Hello guys , well , it seems to me that if you do any mods to a WW2 tramsmitter or any other gear , you are not operating a BC610 or some such any more. what you are using is something based on the original equipment. in the case of components which are unavailable any more, modern replacements must be used of course , but to keep originality it should stop at that. alan G4GEN
>
>

Times and Technologies will advance, Alan. This is inevitable.
Nostalgia is a popular past-time for those of us that are getting 'long in the tooth', as it were. The old military transmitters and for that matter, broadcast transmitters, were designed for frequencies other than those we enjoy on the Amateur bands. "Communications quality", as far as Military Specifications are concerned, sometimes preclude us from operating such devices under current Amateur Radio laws and regulations and modifications are required. Conversely, Broadcast band transmitters were designed for professional broadcasters, of which Hams are not, and they, too, must be modified to comply with Amateur Radio regulations. As for why new technologies can not be integrated with the old to keep these transmitters in current day compliance is a mystery to me.

Don't get me wrong. I'm not saying it's ok to rip the 250TH final out of the Beastly '610 and replace it with a 450TH and change the modulators out to 250TH's (or better). Then, I agree, it's no longer a BC-610. But, small enhancements, like changing the military designed restricted audio out for something more pleasing to the ear, or limiting the frequency response of a broadcast transmitter are not out of the question, in *my* opinion.

Personally, I'd rather see a T-368 use a 4-250 in the final, as opposed to a 4-400, so that the 4-125's can better modulate the produced carrier. As for why, see http://www.qsl.net/wa5bxo/asyam/aam3.html

73 = Best Regards,
-Geoff/W5OMR

# 4927. Re: [T-368_BC-610] mods

Yahoo group: T-368_BC-610
Date: 2012-01-11 14:34:49 UTC
From: Todd, KA1KAQ
Topic: 4925  Message: 4927

On Wed, Jan 11, 2012 at 4:18 AM, Alan Morriss <mohawk@...> wrote:

> **
>
>
> Hello guys , well , it seems to me that if you do any mods to a WW2
> tramsmitter or any other gear , you are not operating a BC610 or some such
> any more. what you are using is something based on the original equipment.
> in the case of components which are unavailable any more, modern
> replacements must be used of course , but to keep originality it should
> stop at that.
>
>
There are also some who believe that as soon as the first original solder joint is melted, it's ruined, so it should be left as-is and not operated. Unless you're recreating a station for critical historical display, I don't see this as being necessary to operation. While I tend to agree so far as doing major surgery or trying to make a radio into something it wasn't designed to be, updates and improvements were a regular part of military life as well. Field Changes and Depot mods were common during the life of a piece of gear.

We need to keep in mind that after us, there won't be some huge crowd following along with great interest in preserving, much less using this stuff. Most museums don't even have an interesting in old radio gear, as they preserve and display what brings the crowds through the doors. We are an extremely tiny minority who is dying off and not being replaced.

IMO, every piece of gear that is returned to the airwaves lives on a bit longer, sparing it from the scrap heap. It also presents another opportunity to be heard or otherwise discovered by someone else now or later, as a result. If some modifications are involved in making this happen, I'm all for it.

It all comes down to a matter of degrees, and what you can live with. I applaud the folks who restore a piece to the nth degree as it's truly an art form in today's world. And I appreciate everyone who puts a piece of old gear back on the air, regardless of condition. It's one more signal to hear and hopefully work.

~ Todd, KA1KAQ/4

[Non-text portions of this message have been removed]

# 4928. Re: [T-368_BC-610] mods

Yahoo group: T-368_BC-610
Date: 2012-01-11 15:33:56 UTC
From: Edward Butorajac
Topic: 4925  Message: 4928

Hello!

There are many opinions about the older gear (Boat anchors) and what should be done with it. I do believe that is up to the individual that has bought/found/acquired it. Some of the rigs such as the BC-610(v) transmitters were modifthe military from their the original configurations to cover additional frequencies up to and include 200 kHz to 32 MHz.

this particular transmitter is a well-known RFI / TVI / AFI interference generator, and for any use by amateurs, REQUIRES modification to keep within the FCC standards for amateur equipment.

There was even a modification for the BC-610 that was made for use of these transmitters by the Inter-Amerian Geodetic Survey teams that were mapping central and south America back in the 1960s. This mod turned the '610 into a double sideband suppressed carrier transmitter!

Keep it original? Not if I drag one home. ( I had one when in the Panama Canal Zone back in the "60's, (It was modified for DSB). Worked well. ) I would intend to use it! I can not use it within the FCC1 1 1 rules without modification to suppress the spurious signals it produces, and it is certainly no good with it's internal VFO ! ! !

In original condition, you can expect to work your WATV award within 2 hours. Also expect to see some communications from the FCC and OO's about your signal.

KM4QQ

On 1/11/2012 9:34 AM, Todd, KA1KAQ wrote:
>
> On Wed, Jan 11, 2012 at 4:18 AM, Alan Morriss <mohawk@...
> <mailto:mohawk%40clara.co.uk>> wrote:
>
> > **
> > >
> > >
> > Hello guys , well , it seems to me that if you do any mods to a WW2
> > tramsmitter or any other gear , you are not operating a BC610 or
> some such
> > any more. what you are using is something based on the original
> equipment.
> > in the case of components which are unavailable any more, modern
> > replacements must be used of course , but to keep originality it should
> > stop at that.
> > >

> >
> There are also some who believe that as soon as the first original solder
> joint is melted, it's ruined, so it should be left as-is and not operated.
> Unless you're recreating a station for critical historical display, I
> don't
> see this as being necessary to operation. While I tend to agree so far as
> doing major surgery or trying to make a radio into something it wasn't
> designed to be, updates and improvements were a regular part of military
> life as well. Field Changes and Depot mods were common during the life
> of a
> piece of gear.
>
> We need to keep in mind that after us, there won't be some huge crowd
> following along with great interest in preserving, much less using this
> stuff. Most museums don't even have an interesting in old radio gear, as
> they preserve and display what brings the crowds through the doors. We are
> an extremely tiny minority who is dying off and not being replaced.
>
> IMO, every piece of gear that is returned to the airwaves lives on a bit
> longer, sparing it from the scrap heap. It also presents another
> opportunity to be heard or otherwise discovered by someone else now or
> later, as a result. If some modifications are involved in making this
> happen, I'm all for it.
>
> It all comes down to a matter of degrees, and what you can live with. I
> applaud the folks who restore a piece to the nth degree as it's truly an
> art form in today's world. And I appreciate everyone who puts a piece of
> old gear back on the air, regardless of condition. It's one more signal to
> hear and hopefully work.
>
> ~ Todd, KA1KAQ/4
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 4929. Re: [T-368_BC-610] mods

Yahoo group: T-368_BC-610
Date: 2012-01-11 15:50:12 UTC
From: rbethman
Topic: 4925  Message: 4929

It isn't all that!

I only add Either a Bud Low-Pass Filter, #LF-601, to the output SO-239.

Been running either a BC-610I or a T-213 this way since 2000 (or 1999),
and haven't had ANY issues with TVI/RFI/AFI at all.

The only thing I'm now changing, is to use an HP-3336B Frequency
Synthesizer. I just got tired of trying to *hit* the desired frequency
using the M.O. They are entirely too touchy.

No FCC notices, no neighbors knocking, and no OO cards. I got more
neighborhood squawks when running an Apache. (Total of one - a wireless
phone in a house.)

This is a total mis-characterization of the BC-610 family.

Only thing I *should* do is use a BIG Variac to lower the line voltage.
Haven't done so yet.

Bob - N0DGN

On 1/11/2012 10:33 AM, Edward Butorajac wrote:
>
> Hello!
>
> There are many opinions about the older gear (Boat anchors) and what
> should be done with it. I do believe that is up to the individual that
> has bought/found/acquired it. Some of the rigs such as the BC-610(v)
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> this particular transmitter is a well-known RFI / TVI / AFI
> interference generator, and for any use by amateurs, REQUIRES
> modification to keep within the FCC standards for amateur equipment.
>
> There was even a modification for the BC-610 that was made for use of
> these transmitters by the Inter-Amerian Geodetic Survey teams that were
> mapping central and south America back in the 1960s. This mod turned
> the '610 into a double sideband suppressed carrier transmitter!
>
> Keep it original? Not if I drag one home. ( I had one when in the
> Panama Canal Zone back in the "60's, (It was modified for DSB). Worked
> well. ) I would intend to use it! I can not use it within the FCC1 1 1
> rules without modification to suppress the spurious signals it produces,
> and it is certainly no good with it's internal VFO ! ! !

>
> In original condition, you can expect to work your WATV award within 2
> hours. Also expect to see some communications from the FCC and OO's
> about your signal.
>
> KM4QQ
>

[Non-text portions of this message have been removed]

# 4930. Re: [T-368_BC-610] mods

Yahoo group: T-368_BC-610
Date: 2012-01-11 15:52:45 UTC
From: Mark J. Blair
Topic: 4925  Message: 4930

I used to be much more pedantic about the originality of my military gear prior to various experiences buying military surplus gear directly from the government, screening the equipment on active military bases and seeing it exactly how it came from active service. After seeing the cobbled-together mods that were commonly made in actual service, even including bullet holes in truck floorboards for drainage (very common in the roughly 100 ex-USMC HMMWVs I crawled over while picking mine out), my philosophy has become a lot more relaxed. To some extent, the concept of unyielding originality is something that we collectors have come up with, and only reflects upon the equipment that we cherish at the moment that it passed the threshold of the factory's loading dock. Sometimes it doesn't even reflect that; in the military vehicle collecting world, there are many collectors who create stunningly beautiful restorations, while period pictures I've seen of those same vehicles being manufactured show greasy handprints on freshly-painted body panels, tools carelessly left on hoods, and similar atrocities. Never mind that when we show up in a desert with our green trucks and decide they all need to be tan instead, the results look like the whole truck was dipped in a vat of tan paint and then the windows were hastily wiped off with a piece of newspaper!

I have nothing but respect and admiration for folks who pride themselves on the originality of their gear, and a well-done cosmetic restoration fills me with awe and delight. On the flip side, I don't like to see messy hacks, and I do agree with Alan that a substantially modified whatever clearly isn't the same beast any more. My personal compromise allows me to make modifications with impunity and without hesitation where they impact safety, like adding turn signals to my M38A1 or neatly installing a 3-wire line cord on my T-368C. For other things, I tend to avoid severe mods, prefer plug-in mods where practical, and stick with easily-reversible mods (preferably documented inside the unit so that the next owner can easily unwind the mod if they want to).

As an aside, a previous owner of my T-368C had soldered Romex house wire to the pins of its original 2-wire power inlet... is there a special circle of Hell for pin-solderers? :-)

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 4931. RE: [T-368_BC-610] mods

Yahoo group: T-368_BC-610
Date: 2012-01-11 16:44:35 UTC
From: Tom Bridgers
Topic: 4925  Message: 4931

Todd,Well said ... and I agree.73's,-Tom KE4RHH

To: T-368_BC-610@yahoogroups.com
From: ka1kaq@...
Date: Wed, 11 Jan 2012 09:34:49 -0500
Subject: Re: [T-368_BC-610] mods

On Wed, Jan 11, 2012 at 4:18 AM, Alan Morriss <mohawk@...> wrote:

> **

>

>

> Hello guys , well , it seems to me that if you do any mods to a WW2

> tramsmitter or any other gear , you are not operating a BC610 or some such

> any more. what you are using is something based on the original equipment.

> in the case of components which are unavailable any more, modern

> replacements must be used of course , but to keep originality it should

> stop at that.

>

>

There are also some who believe that as soon as the first original solder joint is melted, it's ruined, so it should be left as-is and not operated. Unless you're recreating a station for critical historical display, I don't see this as being necessary to operation. While I tend to agree so far as doing major surgery or trying to make a radio into something it wasn't designed to be, updates and improvements were a regular part of military life as well. Field Changes and Depot mods were common during the life of a piece of gear.

We need to keep in mind that after us, there won't be some huge crowd following along with great interest in preserving, much less using this

stuff. Most museums don't even have an interesting in old radio gear, as they preserve and display what brings the crowds through the doors. We are an extremely tiny minority who is dying off and not being replaced.

IMO, every piece of gear that is returned to the airwaves lives on a bit longer, sparing it from the scrap heap. It also presents another opportunity to be heard or otherwise discovered by someone else now or later, as a result. If some modifications are involved in making this happen, I'm all for it.

It all comes down to a matter of degrees, and what you can live with. I applaud the folks who restore a piece to the nth degree as it's truly an art form in today's world. And I appreciate everyone who puts a piece of old gear back on the air, regardless of condition. It's one more signal to hear and hopefully work.

~ Todd, KA1KAQ/4

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 4932. Re: [T-368_BC-610] mods

Yahoo group: T-368_BC-610
Date: 2012-01-11 16:47:31 UTC
From: James M. Walker
Topic: 4925  Message: 4932

I've been "Hauling around and operating my BC-610s since the late 1960s
early 1970s". Been Mobile in a pickup truck with trailer (for generators)

NEVER had problems with TVI in the city or from my Farm-House HOME!

I remember pulling into a non-functional rest-stop on 95 and also 75 and
giving demos to the folks that were wondering "what that was!", One Lady
asked "what kind of "CB" radio that was? So whenever I made the NY to GA
run to see my "Folks" I took the "Big Rig" with me. Operated 80 and 40 CW
and Fone with a BC-348 on the front seat with me. Only problem was, I had
to pull over to change bands, but that usually happened at a "Pit Stop"!!!

I hear folks talking about TVI from BC-610s, My neighbors all knew I had
radios even came over on occasion to Oggle them and once or twice asked
me to see if I could make a "Phone-Patch" to some out of the way place.
Read that as calling to the Local "General Store" and having them fetch
someone
to the Phone.

BC-610s are versatile, easily repaired and with regular maintainance will
last
forever. "It DON'T" have to be "BROADCAST QUALITY" it just has to
C_O_M_M_U_N_I_C_A_T_E Plain and simple, if you do it right it works
that is the whole of the matter.

Of course, "Your Milage may VARY!!!

Jim
WB2FCN
Ahem

----- Original Message -----
From: "Edward Butorajac" <km4qq@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Wednesday, January 11, 2012 10:33 AM
Subject: Re: [T-368_BC-610] mods

> Hello!
>
> There are many opinions about the older gear (Boat anchors) and what
> should be done with it. I do believe that is up to the individual that
> has bought/found/acquired it. Some of the rigs such as the BC-610(v)
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> hours. Also expect to see some communications from the FCC and OO's
> about your signal.
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> KM4QQ
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> On 1/11/2012 9:34 AM, Todd, KA1KAQ wrote:
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>> On Wed, Jan 11, 2012 at 4:18 AM, Alan Morriss <mohawk@...
>> <mailto:mohawk%40clara.co.uk>> wrote:
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>> It all comes down to a matter of degrees, and what you can live with. I
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>>
>> ~ Todd, KA1KAQ/4
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>> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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# 4933. BC-610 operation

Yahoo group: T-368_BC-610
Date: 2012-01-11 16:53:03 UTC
From: rbethman
Topic: 4933  Message: 4933

They really are simple to use and operate.

Those that have complained about them have either NEVER got one working, or do NOT know how to use the Mic Gain on the BC-614 Speech Amplifier.

You can VERY easily over modulate these. I've driven them into a dummy load, and have seen them on a Bird (Manufactured with Peak reading built in.), and hit over 2500W.

So you indeed MUST ride herd over them to keep them inside the legal limits.

The Mod deck input Audio transformer shows 150cps to 3000cps for audio input to the 2A3s. Yes, they are a little broad in audio.

That is what the original transformer reads. I have a couple of replacements for them, as they indeed do go South from time to time. However I've yet to need to replace one.

The replacement transformer goes up to 4500cps.

Proper adjustment of the BC-614 limiter is a good thing to do. Replacing the 60+ year old paper caps probably wouldn't hurt either. Haven't done so yet.

Got mine from another Ham whom got several from Army MARS in Europe. He's been running them since the '60s. He hasn't gotten any FCC letters, NOR has he gotten a card from an OO.

That would be WB2FCN.

YMMV
Bob - N0DGN

# 4934. BC610

Yahoo group: T-368_BC-610
Date: 2012-01-11 17:59:15 UTC
From: Alan Morriss
Topic: 4221  Message: 4934

Hello again , well , when mine was going, i had people check around my frequency for spurious signals , and none were heard . i would say that the BC939 would filter most out . what i like is operating the whole SCR399 set up just as it was when it was used in the ardennes offensive.
i have not painstakingly refurbished it , and the paint in the shelter is original. of course if an owner wants to do mods , why not , it is just not the original equipment any longer .in VMARS our society, there are several BC610s which are used on our saturday morning net. there are 3 in this country and some in holland. they all sound marvellous with broadcast quality am . now things are getting less hectic i must get my one going again . i fell guilty about it every day. alan

[Non-text portions of this message have been removed]

# 4935. Re: Mods

Yahoo group: T-368_BC-610
Date: 2012-01-11 18:19:39 UTC
From: m1fdz
Topic: 4935  Message: 4935

I run my BC-610 E stock standard never had a single problem with TVI or any other interference issues, many of my 'Boat anchor' radios are stock like my ARC-5, ART-13 and the BC-375/191's even they have never caused me any concern whatsoever, all this TVI problem is often generated by the operator mistuning or running the radio out of its design limits. A lot of issues are caused by antenna mismatches as a lot of Mil gear is designed for 5 Ohm antenna systems whereas most Ham ops are used to 50 Ohms, there lies one of the biggest initial problems.
73 Max
M0GHQ/W8BX

# 4936. Re: [T-368_BC-610] Re: Mods

Yahoo group: T-368_BC-610
Date: 2012-01-11 18:30:26 UTC
From: rbethman
Topic: 4935  Message: 4936

I don't know about the "E" model.

I only have an "I" and a T-213.

Just as the TM demonstrates, you can easily feed the SO-239 into RG-8 or RG-213 and use a properly constructed dipole.

That's how they get operated here.

The BC-939 is NOT an "Antenna Tuner" it *IS* an "antenna coupler". It is designed to take the 50 ohm output and *couple* it to either specified lengths of wire for the different frequencies which are in the TM, - OR - Uncle Sam's vertical whip.

When the BC-939 is used with the specified length of wire, you have a 300 ohm output when tuned as directed.

Bob - N0DGN

On 1/11/2012 1:19 PM, m1fdz wrote:
>
> I run my BC-610 E stock standard never had a single problem with TVI
> or any other interference issues, many of my 'Boat anchor' radios are
> stock like my ARC-5, ART-13 and the BC-375/191's even they have never
> caused me any concern whatsoever, all this TVI problem is often
> generated by the operator mistuning or running the radio out of its
> design limits. A lot of issues are caused by antenna mismatches as a
> lot of Mil gear is designed for 5 Ohm antenna systems whereas most Ham
> ops are used to 50 Ohms, there lies one of the biggest initial problems.
> 73 Max
> M0GHQ/W8BX
>

[Non-text portions of this message have been removed]

# 4937. 610

Yahoo group: T-368_BC-610
Date: 2012-01-11 19:34:43 UTC
From: Alan Morriss
Topic: 4367  Message: 4937

well , the BC 939 is an amazing piece of equipment. it does what it designed to do very well. nothing else though ! i use either the whip antenna or a 40 ft wire . it couples the tx to these fine . if you look at L5, there are so few turns on it that it is hard to see how it presents any significant impedance at low frequencies, but it does .i am sure that this will bypass most spurious signals to ground .i have a johnson kilowatt matchbox for use with a doublet, but there is so little room in the shelter that i seldom use it . i find the doublet works best with the cord 1290 . incidentally, Max's signal is one of the BBC quality ones ! alan

[Non-text portions of this message have been removed]

# 4938. RE: [T-368_BC-610] Re: Mods

Yahoo group: T-368_BC-610
Date: 2012-01-11 19:42:44 UTC
From: GOMEZ, STEVEN B
Topic: 4935  Message: 4938

I think the 21 Mc IF's in poorly shielded TV sets of the 1940's gave a lot of medium powered transmitters a bad rap.
73,
Steve

[Non-text portions of this message have been removed]

# 4939. Re: [T-368_BC-610] Re: Mods

Yahoo group: T-368_BC-610
Date: 2012-01-11 19:48:18 UTC
From: rbethman
Topic: 4935  Message: 4939

That shouldn't have been an issue with the BC-610s.

The different countries that operated them only had the PA coils and TUs
for up to 18Mc.

So I don't see where 21Mc gets into the equation.

Bob - N0DGN

On 1/11/2012 2:42 PM, GOMEZ, STEVEN B wrote:
>
> I think the 21 Mc IF's in poorly shielded TV sets of the 1940's gave a
> lot of medium powered transmitters a bad rap.
> 73,
> Steve
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 4940. TVI

Yahoo group: T-368_BC-610
Date: 2012-01-11 20:21:16 UTC
From: Alan Morriss
Topic: 4940  Message: 4940

hello , funny , but when i first got interested in getting a BC610 some 30 years ago , i was told that they were dreadful TVI producers. it could have been the 3rd harmonic getting into the 21 meg if . i never thought of that at the time. it does not happen any more , and TVi is more or less a thing of the past with uhf and digital TV .as Max says , properly operated they do not cause any trouble .I have a W/S 53 which was the british replacement for the BC610. it is much more sophisticated and uses a pair of 813s in the final. i was told by the colonel here some years ago that they were operating one in germany and received an urgent call . apparently they were putting out a signal on a transatlantic HF frequency. i use mine via a harris RF601 auto coupler , with no problems. incidentally, my one is supposed to have gone over in a Bedford QLR radio truck the day after D day , and went to the REME museum after it was withdrawn from service. alan

[Non-text portions of this message have been removed]

# 4941. Tank Coil

Yahoo group: T-368_BC-610
Date: 2012-01-12 00:19:21 UTC
From: Bill Harris
Topic: 4933  Message: 4941

Anybody know the diameter of the old Johnson/B&W KW tank coils?I'm guessing 4 inches (from old memory)

Bill-w7kxb

[Non-text portions of this message have been removed]

# 4942. Re: [T-368_BC-610] TVI

Yahoo group: T-368_BC-610
Date: 2012-01-12 04:27:26 UTC
From: Harold Hairston
Topic: 4940  Message: 4942

Alan;

That is interesting about the British version of the BC-610 and it using two 813's. I wonder did that unit run a lot more power with the 813's? Would have to boost the Power Supply though. The ART-13 ran a single 813 but still ran about half the power capability of the 813.

Harold
----- Original Message -----
From: Alan Morriss
To: T-368_BC-610@yahoogroups.com
Sent: Wednesday, January 11, 2012 3:21 PM
Subject: [T-368_BC-610] TVI

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[Non-text portions of this message have been removed]

# 4943. Re: TVI

Yahoo group: T-368_BC-610
Date: 2012-01-12 07:42:46 UTC
From: Roger Basford
Topic: 4940  Message: 4943

Hi All,

To be fair, I think a lot of the reputation that the BC-610 had/has is down to sloppy operating when these radios were much more common in ham service. Only a couple of years ago, when I was on the 80m Old Timers CW net using my 610-E another op on the net was calling it a "QRM-Machine" and I've seen specific references to "badly-adjusted BC-610s" in 1950s UK ham magazines when talking about 20 metre band pile-ups.

I would guess that now that the majority of 610s are in the hands of collectors/enthusiasts that they are run a little more carefully and not flogged to get that last watt or one percent of audio out of the radio in pursuit of some rare DX station. Given the price of 250 and 100THs, not to mention mod transformers, we're not likely to emulate the DXers of the 50s, I hope!

One thing, TVI might not be so much of a problem in the age of digital TV but other appliances may suffer as well. I am beginning to suspect that an occasional problem I have with my broadband Internet connection (speed dropping and varying erratically) might be down to my radio operations. At the moment I'm using exclusively a TCS station on 80 metres CW, not the BC-610, at least until the problem is resolved.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello , funny , but when i first got interested in getting a BC610 some 30 years ago , i was told that they were dreadful TVI producers. it could have been the 3rd harmonic getting into the 21 meg if . i never thought of that at the time. it does not happen any more , and TVi is more or less a thing of the past with uhf and digital TV .as Max says , properly operated they do not cause any trouble .I have a W/S 53 which was the british replacement for the BC610. it is much more sophisticated and uses a pair of 813s in the final. i was told by the colonel here some years ago that they were operating one in germany and received an urgent call . apparently they were putting out a signal on a transatlantic HF frequency. i use mine via a harris RF601 auto coupler , with no problems. incidentally, my one is supposed to have gone over in a Bedford QLR radio truck the day after D day , and went to the REME museum after it was withdrawn from service. alan
>
> [Non-text portions of this message have been removed]
>

# 4944. 610

Yahoo group: T-368_BC-610
Date: 2012-01-12 08:39:55 UTC
From: Alan Morriss
Topic: 4367  Message: 4944

hello . well , i find that i have to remove the power from my D-link when i intend to transmit with anything . if i do not the broadband goes up the pole. my phone line in is fairly close to the antenna feed. regarding the W/S 53 , the two 813s give 350 watts CW and 250 phone , and last well. i have a pair of russian ones in it which being of recent manufacture give about 10% more RF . i suppose they have a harder vacuum. they were used in cyclotrons to provide the rf which kept the beam going. this meant that they were in production for a long time. you can find out about the 53 on the web. the VFO is very stable, but as with the BC610 , i generally use xtals . herewith a photo. you can just see the telefunken E52 which i use with it mostly, and behind is a canadian W/S 52 .
cheers, alan

[Non-text portions of this message have been removed]

# 4945. photo

Yahoo group: T-368_BC-610
Date: 2012-01-12 09:23:17 UTC
From: Alan Morriss
Topic: 4625  Message: 4945

hello guys, the photo is now in my SCR399 file .alan

[Non-text portions of this message have been removed]

# 4946. Re: [T-368_BC-610] Tank Coil

Yahoo group: T-368_BC-610
Date: 2012-01-12 11:45:05 UTC
From: Geoff
Topic: 4933  Message: 4946

On 1/11/2012 6:19 PM, Bill Harris wrote:
> Anybody know the diameter of the old Johnson/B&W KW tank coils?I'm guessing 4 inches (from old memory)
>
>

That's about right, Bill. around 12~14 turns for 75~80m. 10 or so,
slightly wider spaced for 40m.

-Geoff/W5OMR

# 4947. Re: Mods

Yahoo group: T-368_BC-610
Date: 2012-01-12 13:56:34 UTC
From: Michael, W1RC
Topic: 4935  Message: 4947

At 08:33 AM 1/12/2012, "Todd, KA1KAQ ka1kaq@... wrote:
We need to keep in mind that after us, there won't be some huge crowd following along with great interest in preserving, much less using this stuff. Most museums don't even have an interesting in old radio gear, as they preserve and display what brings the crowds through the doors. We are an extremely tiny minority who is dying off and not being replaced.

Todd is right. Who is going to want this stuff in 10 - 20 years? It's more likely to have value to someone if it is operational and safe. Replacing original but defective components is the right thing to do. You don't drive a sixty year-old car with original tires, do ya?

73,

Michael, W1RC

# 4948. email

Yahoo group: T-368_BC-610
Date: 2012-01-12 14:13:40 UTC
From: Alan Morriss
Topic: 4948  Message: 4948

hello , i would disagree with michael . interest in vintage radio equipment is one of the fastest growing aspects of amateur radio. witness the high prices paid on ebay. it is just the same with classic cars , now the prices are beyond the reach of all but the wealthy. a ww2 radio is one of the few items which you can use for their original purpose , namely communication. clandestine equipment is a case in point. not all that long ago it was possible to buy a B2 spy set for very little , now they change hands for over ?3000 . i would not sell mine for that. come to think of it, if someone offered ?10,000 for my 53 i would laugh at it.
we are the custodians of this irreplacable part of our technological heritage . let us enjoy using it, and pass it on to future generations. once it has gone , it has gone forever. alan G4GEN

[Non-text portions of this message have been removed]

# 4949. Re: Mods

Yahoo group: T-368_BC-610
Date: 2012-01-12 17:06:45 UTC
From: victorsj
Topic: 4935  Message: 4949

I believe that this equipment will still be around when the plastic radios of today have long bitten the dust.

--- In T-368_BC-610@yahoogroups.com, "Michael, W1RC" <subs@...> wrote:
>
> At 08:33 AM 1/12/2012, "Todd, KA1KAQ ka1kaq@... wrote:
> We need to keep in mind that after us, there won't be some huge crowd
> following along with great interest in preserving, much less using
> this stuff. Most museums don't even have an interesting in old radio
> gear, as they preserve and display what brings the crowds through the
> doors. We are an extremely tiny minority who is dying off and not
> being replaced.
>
> Todd is right. Who is going to want this stuff in 10 - 20
> years? It's more likely to have value to someone if it is
> operational and safe. Replacing original but defective components is
> the right thing to do. You don't drive a sixty year-old car with
> original tires, do ya?
>
> 73,
>
> Michael, W1RC
>

# 4950. Re: [T-368_BC-610] email

Yahoo group: T-368_BC-610
Date: 2012-01-12 17:42:38 UTC
From: Todd, KA1KAQ
Topic: 4948  Message: 4950

On Thu, Jan 12, 2012 at 9:13 AM, Alan Morriss <mohawk@...> wrote:
> hello , i would disagree with michael . interest in vintage radio equipment is one of the fastest growing aspects of amateur radio. witness the high prices paid on ebay. it is just the same with classic cars , now the prices are beyond the reach of all but the wealthy. a ww2 radio is one of the few items which you can use for their original purpose , namely communication. clandestine equipment is a case in point. not all that long ago it was possible to buy a B2 spy set for very little , now they change hands for over £3000 . i would not sell mine for that. come to think of it, if someone offered £10,000 for my 53 i would laugh at it.
> we are the custodians of this irreplacable part of our technological heritage . let us enjoy using it, and pass it on to future generations. once it has gone , it has gone forever. alan G4GEN
>
> [Non-text portions of this message have been removed]
>
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>
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# 4951. Re: [T-368_BC-610] email

Yahoo group: T-368_BC-610
Date: 2012-01-12 18:15:50 UTC
From: Todd, KA1KAQ
Topic: 4948  Message: 4951

On Thu, Jan 12, 2012 at 12:42 PM, Todd, KA1KAQ <ka1kaq@...> wrote:
> On Thu, Jan 12, 2012 at 9:13 AM, Alan Morriss <mohawk@...> wrote:
>> hello , i would disagree with michael . interest in vintage radio equipment is one of the fastest growing aspects of amateur radio. witness the high prices paid on ebay. it is just the same with classic cars , now the prices are beyond the reach of all but the wealthy. a ww2 radio is one of the few items which you can use for their original purpose , namely communication. clandestine equipment is a case in point. not all that long ago it was possible to buy a B2 spy set for very little , now they change hands for over £3000 .

Apologies for the blank email, was trying to delete the unnecessary fluff when suddenly it displayed 'sent'.

Alan, I don't think anyone would disagree with the healthy interest in old gear more in recent years. Witness the explosion of AM activity over the last decade compared to the previous several. Old gear gives folks the opportunity for enjoying a more hands-on experience over today's plastic plug-n-play-then-throw-away equipment.

And though prices for old gear are still higher than they were 25 years ago, they are down overall considerably in the past few years. Exceptional examples still and always will bring high prices, but the feeding frenzy of 5-10 years ago has clearly subsided.

It's easy to lose sight of this, but when we think of an increased interest in old radio gear, it's an increase within our already-small group. When you get outside of a microscopic slice of the population that any of these lists represent and look at the bigger picture, it's easy to understand why more people don't object to inaccuracies in radio equipment used in movies, for example: they don't know the difference, much less care. I've often wondered if any of us attended the opening of a new movie featuring radio equipment and polled the viewers leaving the theater, how many would know the difference. Of a theater full of several hundred people, *maybe* one or two - if any? A clear indication as to interest now and in the future for old equipment. Classic car shows are another perfect example: great turnouts with far more interest than radio holds, yet how many old vehicles (1940s, 50s, even 60s) do you see on the road daily?

This is in no way an argument against what we all appreciate and enjoy, merely a redirect toward reality. It's up to us to carry on this interest, well beyond the lists of like-minded folks to a younger generation, if we want it to carry forward. How many younger (below 30 or 40 years of age) do you know with personal interest in old gear? Or radio itself? Amateur radio was the internet of its day, but even then numbers weren't a great portion of the overall population.

BTW, I think your BC-610 set up is a HUGE step in the right direction, and far more than many of us do beyond accumulating equipment for our own use and entertainment. If we have hopes of it living on beyond us, we need to insure an ongoing interest and desire from the historical as well as technical side.

~ Todd, KA1KAQ/4

# 4952. email

Yahoo group: T-368_BC-610
Date: 2012-01-12 19:14:33 UTC
From: Alan Morriss
Topic: 4948  Message: 4952

hello tod , well , i agree with everything you say.interest in radio is diminishing due to other technologies. however investors see that things which can never be replaced will always keep their value. in the end all our precious stuff will be collector's items and merely looked at. however i do think that the day is a long way off yet.
we do a lot of providing stuff for films , and i agree with what you say about that. when we were doing "the band of brothers" i emphasised that it was not possible to communicate with a BC1000 using a BC611 . they made that mistake in " kelly's heroes". what did they do . just that .it looked good .it all depends on the art director.
on "the empire of the sun" we had replica gunsights in our replica zeros . just in case a glimpse of the cockpit interior was shown . originally the cannons were made of wood and looked great, however charlie bishop the art director insisted that we make them out of metal. he said blown up on a wide screen you would see the grain.
the extra weight put the aircraft out of trim and we had to put a lead weight in the tail.
i am putting a photo of one of the planes which i was flying on my scr399 file . cheers, alan

[Non-text portions of this message have been removed]

# 4953. RE: [T-368_BC-610] Re: Mods

Yahoo group: T-368_BC-610
Date: 2012-01-11 18:41:19 UTC
From: Tom Mackie
Topic: 4935  Message: 4953

Description in the 1960 "Surplus Schematics Handbook" by Cowan:

BC-610

"While it is possible to use the BC-610 with the tuning boxes, the stability resulting is not consistent with the current amateur standards and will probably lead to considerable correspondence with FCC monitoring stations plus rapidly deteriorating neighbor relations due to TVI, BCI, HAI, EOI, etc. Ad Nauseum. 4 screws remove the tuning box assembly. It is a simple matter to drive the transmitter with a low power VFO by mounting a SO-239 connector to the exciter deck and driving the 807 buffer-multiplier. If a higher power exciter is available, the 250th final may be driven directly. Don't rejoice yet. The TVI is still there."

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
On Behalf Of m1fdz
Sent: Wednesday, January 11, 2012 1:20 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] Re: Mods

I run my BC-610 E stock standard never had a single problem with TVI or any other interference issues, many of my 'Boat anchor' radios are stock like my ARC-5, ART-13 and the BC-375/191's even they have never caused me any concern whatsoever, all this TVI problem is often generated by the operator mistuning or running the radio out of its design limits. A lot of issues are caused by antenna mismatches as a lot of Mil gear is designed for 5 Ohm antenna systems whereas most Ham ops are used to 50 Ohms, there lies one of the biggest initial problems.
73 Max
M0GHQ/W8BX

[Non-text portions of this message have been removed]

# 4954. Re: [T-368_BC-610] BC-610 Db meter ID

Yahoo group: T-368_BC-610
Date: 2012-01-08 02:08:59 UTC
From: Geoff
Topic: 4907  Message: 4954

On 1/7/2012 7:54 PM, rbethman wrote:
> There is no Db meter on the BC-610s.
>
> There is filament voltage, PA mA, and mA for exciter. This is on the
> BC-610 itself.
>
> There is a square meter on the Speech Amplifier, it also reads mA for
> modulation and to set the Audio resting current at 40mA.
>
> N0DGN

Square, Bob?

Not to pick nits, but as late as the I model, the meter on the BC-614 is
round.

My E model had a round meter on it, but in some pictures, there -is- a
Square meter. (D) model, I believe

http://128.205.126.49/BC-614.html

-Geoff/W5OMR

# 4955. 610

Yahoo group: T-368_BC-610
Date: 2012-01-13 09:40:08 UTC
From: Alan Morriss
Topic: 4367  Message: 4955

Well , i did use the vfo once on our cw net and reports were not all that bad. however , the BC610 was designed to operate on fixed frequencies and does that best with an xtal. using one there is nothing wrong with the tuning unit . troubles come i should think when you try to use the tuning unit like a modern vfo . however the idea of drilling holes in this beautiful thing in order to change frequency easier seems dreadful to me. the RAF bomber command T1154 transmitter suffers the same problem when we used them in civil aircraft they were converted to xtal control . more recently people have made small xtal oscillators which plug into the oscillator socket . these work beautifully , and the old girl sounds fb .
i would imagine that a BC610 tuning unit could be easily adapted to house a modern design of vfo .there are plenty of them around , so wrecking one would not be significant. however i do not see what is wrong with having a large stock of xtals . alan G4GEN

[Non-text portions of this message have been removed]

# 4956. Re: [T-368_BC-610] 610

Yahoo group: T-368_BC-610
Date: 2012-01-13 11:14:04 UTC
From: Geoff
Topic: 4367  Message: 4956

On 1/13/2012 3:40 AM, Alan Morriss wrote:
> Well , i did use the vfo once on our cw net and reports were not all that bad. however , the BC610 was designed to operate on fixed frequencies and does that best with an xtal. using one there is nothing wrong with the tuning unit . troubles come i should think when you try to use the tuning unit like a modern vfo . however the idea of drilling holes in this beautiful thing in order to change frequency easier seems dreadful to me. the RAF bomber command T1154 transmitter suffers the same problem when we used them in civil aircraft they were converted to xtal control . more recently people have made small xtal oscillators which plug into the oscillator socket . these work beautifully , and the old girl sounds fb .
> i would imagine that a BC610 tuning unit could be easily adapted to house a modern design of vfo .there are plenty of them around , so wrecking one would not be significant. however i do not see what is wrong with having a large stock of xtals . alan G4GEN

John Mohn used a Collins 310-B exciter, as the VFO. The output of it
was coax, terminated on a double banana-plug jack, that fit perfectly
into the xtal socket of a TU. He's open the top access panel
(disabling the B+ with the active interlock) toss the thing in Transmit
(which only enabled the exciter) and zero-beat.

# 4957. Re: [T-368_BC-610] Re: Mods

Yahoo group: T-368_BC-610
Date: 2012-01-13 11:21:38 UTC
From: Geoff
Topic: 4935  Message: 4957

On 1/12/2012 7:56 AM, Michael, W1RC wrote:
> At 08:33 AM 1/12/2012, "Todd, KA1KAQ ka1kaq@... wrote:
> We need to keep in mind that after us, there won't be some huge crowd
> following along with great interest in preserving, much less using
> this stuff. Most museums don't even have an interesting in old radio
> gear, as they preserve and display what brings the crowds through the
> doors. We are an extremely tiny minority who is dying off and not
> being replaced.
>
> Todd is right. Who is going to want this stuff in 10 - 20
> years? It's more likely to have value to someone if it is
> operational and safe. Replacing original but defective components is
> the right thing to do. You don't drive a sixty year-old car with
> original tires, do ya?

I heard this same argument, in the 70's;

"transistors are in, tubes are out. No one will know what this stuff is in a couple of more years. I oughtta just take everything apart and scrap it at the salvage yard..."

and you know what's happened? The price and demand for these old radios has SKYROCKETED! In the late 60's, early 70's, you couldn't GIVE an old transmitter away. Look at 'em now! THOUSANDS of dollars for what was once considered a useless hunk of scrap iron.

Don't sell the future short, guys... where do you think -we- got our interest from?

73 = Best Regards,
-Geoff/W5OMR

# 4958. Re: [T-368_BC-610] email

Yahoo group: T-368_BC-610
Date: 2012-01-13 11:38:26 UTC
From: Geoff
Topic: 4948  Message: 4958

On 1/12/2012 12:15 PM, Todd, KA1KAQ wrote:
> Alan, I don't think anyone would disagree with the healthy interest in
> old gear more in recent years. Witness the explosion of AM activity
> over the last decade compared to the previous several.

Todd (and all) I was licensed in early 1984. I've been around radio all my life. Prior to getting my ham ticket, one of my favorite past times was fiddling with any old receiver, tuning across the bands and listening to hams talk, or listening in while my dad was working some round table on square-jaw. The latter in my teen-years. In most of those more serious SWL'ing sessions, there's -always- been at least one AM qso, and there was always drama and conflict near/about it. The shining Beacon riding the tall ship of the airwaves was Don Chester/K4KYV, and Don was usually working people further East, with significantly lesser stations.

The point is, AM has been around since we Fesseden started broadcasting music in December of 1902 and it's still here today. Like all things, interest (in general) is cyclic. Let's enjoy the peak of this cycle, shall we?

Spoken as one who enjoys the -mode- of AM operating, be it a military transmitter or one that's home-brewed.

73 = Best Regards,
-Geoff/W5OMR

# 4959. Re: [T-368_BC-610] 610

Yahoo group: T-368_BC-610
Date: 2012-01-13 13:51:23 UTC
From: rbethman
Topic: 4367  Message: 4959

You do NOT have to wreck or cut up a BC-610 to run an accurate VFO or other frequency source into the TUs.

There is already a series of ventilation holes on the side, right by the TUs, or even directly behind them. RG-58 fits fine. I'd just add a little self-fusing Scotch 23 to ensure that the cable doesn't get chafed or cut.

The O-39 had its cable go through one of those, and plug right into the crystal socket. Or the other common method is to leave the cover over the TUs open - yes - bypassing the interlock. How else is a crystal changed or the M.O. tuned to get on frequency? Do you reaaly believe that they shut everything down to change frequency? These were operated while moving, not just parked in a fixed position.

A large stock of crystals isn't always feasible. The majority of the old gals are not found as an entire intact SCR-399/GRC-26C.

Most are found as a stand-alone BC-610, BC-614m and if lucky, you may even locate a BC-939.

E.F. Johnson VFO-122s have been used, along with PTS-040s, and HP-3336(A,B, or C)s. All of these do not modify the TUs, they plug directly into the XTAL socket.

Bob - N0DGN

On 1/13/2012 4:40 AM, Alan Morriss wrote:
>
> Well , i did use the vfo once on our cw net and reports were not all
> that bad. however , the BC610 was designed to operate on fixed
> frequencies and does that best with an xtal. using one there is
> nothing wrong with the tuning unit . troubles come i should think when
> you try to use the tuning unit like a modern vfo . however the idea of
> drilling holes in this beautiful thing in order to change frequency
> easier seems dreadful to me. the RAF bomber command T1154 transmitter
> suffers the same problem when we used them in civil aircraft they were
> converted to xtal control . more recently people have made small xtal
> oscillators which plug into the oscillator socket . these work
> beautifully , and the old girl sounds fb .
> i would imagine that a BC610 tuning unit could be easily adapted to
> house a modern design of vfo .there are plenty of them around , so
> wrecking one would not be significant. however i do not see what is
> wrong with having a large stock of xtals . alan G4GEN
>

[Non-text portions of this message have been removed]

# 4960. Re: [T-368_BC-610] BC-610 Db meter ID

Yahoo group: T-368_BC-610
Date: 2012-01-13 13:55:51 UTC
From: rbethman
Topic: 4907  Message: 4960

Yes, SQUARE! I have one on a BC-614-E.

The one on the BC-614-I is indeed round.

Your experience is limited.

N0DGN

On 1/7/2012 9:08 PM, Geoff wrote:
>
>
> Square, Bob?
>
> Not to pick nits, but as late as the I model, the meter on the BC-614 is
> round.
>
> My E model had a round meter on it, but in some pictures, there -is- a
> Square meter. (D) model, I believe
>
> http://128.205.126.49/BC-614.html
>
> -Geoff/W5OMR
>

[Non-text portions of this message have been removed]

# 4961. Re: [T-368_BC-610] Re: Mods

Yahoo group: T-368_BC-610
Date: 2012-01-13 14:26:03 UTC
From: rbethman
Topic: 4935  Message: 4961

Very hilarious!

Observation by Spectrum Analyzers shows no VHF/UHF parasitic oscillation
as stated by another on the list.

Neither does it show harmonics that cause TVI.

Still use the TUs, and feed them through the XTAL socket with various
pieces of modern equipment such as PTS-040s, HP-3336(A, B, or C).

Standard military equipment supplied with the SCR-399 - the O-39 for FSK.

Same results on the Spectrum Analyzer.

Would do better to actually try testing one yourself.

Not some anecdotal writings by someone that didn't have such test
equipment available

N0DGN

On 1/11/2012 1:41 PM, Tom Mackie wrote:
>
> Description in the 1960 "Surplus Schematics Handbook" by Cowan:
>
> BC-610
>
> "While it is possible to use the BC-610 with the tuning boxes, the
> stability resulting is not consistent with the current amateur standards
> and will probably lead to considerable correspondence with FCC
> monitoring stations plus rapidly deteriorating neighbor relations due to
> TVI, BCI, HAI, EOI, etc. Ad Nauseum. 4 screws remove the tuning box
> assembly. It is a simple matter to drive the transmitter with a low
> power VFO by mounting a SO-239 connector to the exciter deck and driving
> the 807 buffer-multiplier. If a higher power exciter is available, the
> 250th final may be driven directly. Don't rejoice yet. The TVI is
> still there."
>

[Non-text portions of this message have been removed]

# 4962. r3eply

Yahoo group: T-368_BC-610
Date: 2012-01-13 14:33:14 UTC
From: Alan Morriss
Topic: 4962  Message: 4962

hello geoff , well , i must agree with all you say. i thought of doing just that with a frequency synthesiser , but decided to stick with xtals. like you i started young. a bit earlier though. i joined the school radio club in 1948 and of course all there was were war surplus items. it was at the peak of a sunspot cycle , and we made a 10 metre am tx using a 6L6 pa . i remember working your side of the pond and getting s9 reports. i passed my technical exam in 1952 , but dropped ham radio when i started flying. i passed the morse test 22 years later to get my licence ! cheers, alan

[Non-text portions of this message have been removed]

# 4963. Re: [T-368_BC-610] email

Yahoo group: T-368_BC-610
Date: 2012-01-13 14:56:35 UTC
From: James M. Walker
Topic: 4948  Message: 4963

Hear, Hear,
Well said Geoff! Well said indeed. I run BC-610s on AM/CW/RTTY,
I like them cause they work constantly, seldom "break" and when "broken"
are usually easy to repair.

I built "My version" of a Semi-Homebrew AM rig, turned out to be,
A Heathkit DX-100, Driving a single GG 4-1000A on 160 - 10 meters.

Whenever I run the "Beasties" I can carry on thru the QRM! When I run
the 4-1000A&DX-100 There is NO QRM Heard!!

I practice the "Go Big or Stay Home" philosophy, seems to work best!

As always YMMV!
Jim
WB2FCN/WD2XSH-22

----- Original Message -----
From: "Geoff" <w5omr@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Friday, January 13, 2012 6:38 AM
Subject: Re: [T-368_BC-610] email

> On 1/12/2012 12:15 PM, Todd, KA1KAQ wrote:
>> Alan, I don't think anyone would disagree with the healthy interest in
>> old gear more in recent years. Witness the explosion of AM activity
>> over the last decade compared to the previous several.
>
> Todd (and all) I was licensed in early 1984. I've been around radio all
> my life. Prior to getting my ham ticket, one of my favorite past times
> was fiddling with any old receiver, tuning across the bands and
> listening to hams talk, or listening in while my dad was working some
> round table on square-jaw. The latter in my teen-years. In most of
> those more serious SWL'ing sessions, there's -always- been at least one
> AM qso, and there was always drama and conflict near/about it. The
> shining Beacon riding the tall ship of the airwaves was Don
> Chester/K4KYV, and Don was usually working people further East, with
> significantly lesser stations.
>
> The point is, AM has been around since we Fesseden started broadcasting
> music in December of 1902 and it's still here today. Like all things,
> interest (in general) is cyclic. Let's enjoy the peak of this cycle,
> shall we?
>
> Spoken as one who enjoys the -mode- of AM operating, be it a military
> transmitter or one that's home-brewed.

>
> 73 = Best Regards,
> -Geoff/W5OMR
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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# 4964. The ONLY mod I'll do

Yahoo group: T-368_BC-610
Date: 2012-01-13 15:03:42 UTC
From: rbethman
Topic: 4964  Message: 4964

I will be "Wrecking" one crystal. It is a 2105KC crystal that does not fall into ANY ham band available.

I'm going to gut it, bore a ho;e in the top to fit a length of RG-58 or even RG-59.

Facing from the front panel, the RF goes to the XTAL socket on the right pin. Ground to the left.

It'll be fed from my HP-3336B.

Then I simply poke in the frequency that I want.

Accuracy is 10KC over the span of 1Mc to 20.9999999Mc.

Output from -72dBm to +7dBm.

It will be more than acceptable.

Bob - N0DGN

# 4965. Re: [T-368_BC-610] Re: Mods

Yahoo group: T-368_BC-610
Date: 2012-01-13 15:06:59 UTC
From: James M. Walker
Topic: 4935  Message: 4965

When I read that, I laughed for a month or so, didn't have the
"Heart" to tell him he should get one and try it, and NOT
rely on "Hear-Say"!

In the 1970s I ran RTTY on 20 meters from Rochester, NY
To Wautoma, Wisconsin, every friday for my "Missus" so
she could "Chat" with her girlfriend who moved back there
from Rochester, N.Y. They did that for more than a year,
The operator there became a "silent key", and we both went
to the Funeral.

Radio "IS" period, nothing more, nothing less, than an adventure.
Make the best of it, "Dare to try the IMPOSSIBLE"

Jim
WB2FCN

----- Original Message -----
From: "Tom Mackie" <tom_mackie@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Wednesday, January 11, 2012 1:41 PM
Subject: RE: [T-368_BC-610] Re: Mods

> Description in the 1960 "Surplus Schematics Handbook" by Cowan:
>
> BC-610
>
> "While it is possible to use the BC-610 with the tuning boxes, the
> stability resulting is not consistent with the current amateur standards
> and will probably lead to considerable correspondence with FCC
> monitoring stations plus rapidly deteriorating neighbor relations due to
> TVI, BCI, HAI, EOI, etc. Ad Nauseum. 4 screws remove the tuning box
> assembly. It is a simple matter to drive the transmitter with a low
> power VFO by mounting a SO-239 connector to the exciter deck and driving
> the 807 buffer-multiplier. If a higher power exciter is available, the
> 250th final may be driven directly. Don't rejoice yet. The TVI is
> still there."
>
>
>
>
>
>
>
> From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
> On Behalf Of m1fdz

> Sent: Wednesday, January 11, 2012 1:20 PM
> To: T-368_BC-610@yahoogroups.com
> Subject: [T-368_BC-610] Re: Mods
>
>
>
>
>
> I run my BC-610 E stock standard never had a single problem with TVI or
> any other interference issues, many of my 'Boat anchor' radios are stock
> like my ARC-5, ART-13 and the BC-375/191's even they have never caused
> me any concern whatsoever, all this TVI problem is often generated by
> the operator mistuning or running the radio out of its design limits. A
> lot of issues are caused by antenna mismatches as a lot of Mil gear is
> designed for 5 Ohm antenna systems whereas most Ham ops are used to 50
> Ohms, there lies one of the biggest initial problems.
> 73 Max
> M0GHQ/W8BX
>
>
>
>
>
> [Non-text portions of this message have been removed]
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> ------------------------------------
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> Yahoo! Groups Links
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# 4966. Re: [T-368_BC-610] The ONLY mod I'll do

Yahoo group: T-368_BC-610
Date: 2012-01-13 15:09:35 UTC
From: James M. Walker
Topic: 4964  Message: 4966

"Hear Hear!!
Jim
WB2FCN

----- Original Message -----
From: rbethman
To: T-368_BC-610@yahoogroups.com
Sent: Friday, January 13, 2012 10:03 AM
Subject: [T-368_BC-610] The ONLY mod I'll do

I will be "Wrecking" one crystal. It is a 2105KC crystal that does not fall into ANY ham band available.

I'm going to gut it, bore a ho;e in the top to fit a length of RG-58 or even RG-59.

Facing from the front panel, the RF goes to the XTAL socket on the right pin. Ground to the left.

It'll be fed from my HP-3336B.

Then I simply poke in the frequency that I want.

Accuracy is 10KC over the span of 1Mc to 20.9999999Mc.

Output from -72dBm to +7dBm.

It will be more than acceptable.

Bob - N0DGN

[Non-text portions of this message have been removed]

# 4967. Re: [T-368_BC-610] The ONLY mod I'll do

Yahoo group: T-368_BC-610
Date: 2012-01-13 15:54:36 UTC
From: Mark J. Blair
Topic: 4964  Message: 4967

On Jan 13, 2012, at 07:03 , rbethman wrote:
> I will be "Wrecking" one crystal. It is a 2105KC crystal that does not
> fall into ANY ham band available.
>
> I'm going to gut it, bore a ho;e in the top to fit a length of RG-58 or
> even RG-59.

I like it! Zero harm is done to the transmitter. It's all gain and no pain, and the result is a perfectly respectable bit of operating/test gear.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 4968. Re: [T-368_BC-610] The ONLY mod I'll do

Yahoo group: T-368_BC-610
Date: 2012-01-13 16:03:59 UTC
From: rbethman
Topic: 4964  Message: 4968

That is the entire objective. I get extremely stable frequency control,
and don't have to hack the radio to do it.

Earlier post were recommending removing the entire TU section and
feeding the buffer/oscillator with something obscene and unnecessary.

The radio is perfectly good as is!

The only thing I haven't done yet is to add PTT. That's next on my list.

Bob - N0DGN

On 1/13/2012 10:54 AM, Mark J. Blair wrote:
>
>
> On Jan 13, 2012, at 07:03 , rbethman wrote:
> > I will be "Wrecking" one crystal. It is a 2105KC crystal that does not
> > fall into ANY ham band available.
> >
> > I'm going to gut it, bore a ho;e in the top to fit a length of RG-58 or
> > even RG-59.
>
> I like it! Zero harm is done to the transmitter. It's all gain and no
> pain, and the result is a perfectly respectable bit of operating/test
> gear.
>
> --
> Mark J. Blair, NF6X <nf6x@... <mailto:nf6x%40nf6x.net>>
> http://www.nf6x.net/
>

[Non-text portions of this message have been removed]

# 4969. Re: [T-368_BC-610] Re: Mods

Yahoo group: T-368_BC-610
Date: 2012-01-13 16:54:42 UTC
From: Todd, KA1KAQ
Topic: 4935  Message: 4969

On Fri, Jan 13, 2012 at 6:21 AM, Geoff <w5omr@...> wrote:

> **
>
> I heard this same argument, in the 70's;
>
> "transistors are in, tubes are out. No one will know what this stuff is
> in a couple of more years. I oughtta just take everything apart and
> scrap it at the salvage yard..."
>
> and you know what's happened? The price and demand for these old radios
> has SKYROCKETED! In the late 60's, early 70's, you couldn't GIVE an old
> transmitter away. Look at 'em now! THOUSANDS of dollars for what was
> once considered a useless hunk of scrap iron.
>
> Don't sell the future short, guys... where do you think -we- got our
> interest from?
>

That's kind of my point, Geoff. A couple differences, though.

In the 70s, radio was still king for the most part. Us kids had a radio in our rooms to listen to our favorite music. Some of us listened late at night and heard stations coming in from all over the country. Others had access to sets with the 'short wave' bands on them and got to hear more. Today kids get their music from the internet, MP3 players, and so on. When I pointed out to my wife recently who is a K-8 school principal that most kids don't know what radio is (unless you mentioned internet radio), she told me that most kids don't know what a CD is.

The other part is that those of us who did become interested in radio and visited a radio ham got to see much of the current 'classic gear' in everyday use then. It was everywhere. Today the chances of a youngster coming across old gear in operation is pretty slim, unless we change that. The magic of radio is undeniable, but what was once commonplace is more the exception these days. Speaking with WA2PJP a couple nights ago, Joe, reminded me that you can't just go in any old store today and buy a radio for your kitchen or shop like you could a couple decades back.

And of course, the "THOUSANDS of dollars" you mention, while still true for the best, most complete items, is more like hundreds or less these days. I've tracked prices on ebay and elsewhere for the last several years, they are steadily declining overall. The reason being, those of us who grew up wanting the stuff along with those ahead of us who couldn't afford it back then have pretty much filled up our nostalgia collections. There's no nostalgia for the current generation, because they didn't grow up with

radio as a top technology like we did. In the small town where I grew up, CB radio of the 70s was our local internet. Shortwave listening and later amateur radio (1983 in my case) became the focus. Not so for kids today.

I don't disagree that we can interest young people in carrying on what we enjoy, but only if we take it to them. Otherwise, how will they ever be exposed to it? Public schools??

It's up to us, plain and simple. At this point, we are the future.

~ Todd/KAQ

[Non-text portions of this message have been removed]

# 4970. Re: [T-368_BC-610] email

Yahoo group: T-368_BC-610
Date: 2012-01-13 17:15:38 UTC
From: Todd, KA1KAQ
Topic: 4948  Message: 4970

On Fri, Jan 13, 2012 at 6:38 AM, Geoff <w5omr@...> wrote:

> **
> The shining Beacon riding the tall ship of the airwaves was Don
> Chester/K4KYV, and Don was usually working people further East, with
> significantly lesser stations.
>

For me it was Chuck WA1EKV now K1KW and Tim, along with others. Never heard Don until the last decade or so, maybe because he only retired a few years back and wasn't on as much. Odd that you should mention him though, as last night I was on talking with Jeff W2NBC and a crew on 3.875 when Chuck popped in. Sometime later as others left, Don arrived. First time I've worked him on the air in several months, though I see him all over the 'net. Conditions were great, it was definitely a night for big signals.

And to what Jim says about QRM, I'd agree and only add - what QRM? (o: When you're in a roundtable with stout signals, it's only as bad as you choose to make it. So long as someone in the group doesn't acknowledge the nitwits trying to interfere, they don't exist. It's only when some braniac decides to scold them by saying things like "I think there's someone dumping a carrier in there", "you need to grow up" or whatever else that it becomes an issue. All they need is verification.

As Don says, simply turn up the wick, and strap. I wish more folks with BC-610s and T-368s would put them on the air regularly. They work well for attracting folks from the dark side(solid state) as much as for providing strong signals.

~ Todd/KAQ

[Non-text portions of this message have been removed]

# 4971. 610

Yahoo group: T-368_BC-610
Date: 2012-01-13 18:02:57 UTC
From: Alan Morriss
Topic: 4367  Message: 4971

that idea with an xtal sounds excellent . i was thinking of using a couple of banana plugs. for the time being though i will stick to xtals. i suppose most of you can grind xtals . if not here is a good tip. all you need is an accurate rx with digital read out , an oscillator , a piece of plate glass and some 80 grade wet or dry abrasive paper.
wrap the paper tightly round the glass , and wet it. check the frequency of the xtal , remove the slab from the holder and grind using a figure of 8 motion for 1 minute. grind on one side only. wash the slab , re assemble it and check freq. you will be able to estimate the grinding time from that. do about half the time and check again and so on. if you overshoot, put a stripe of pencil lead or rub solder on the grinding side to drop it. i have done lots like that. when re asembling, check the slab is held between the side of the plates with raised corners . if it is the flat side , the xtal will not oscillate. i suppose this is old hat , but it is surprising how many hams these days do not attempt it.
alan

[Non-text portions of this message have been removed]

# 4972. Re: [T-368_BC-610] Re: Mods

Yahoo group: T-368_BC-610
Date: 2012-01-13 18:20:28 UTC
From: Mark J. Blair
Topic: 4935  Message: 4972

> Today kids get their music from the internet, MP3 players, and so on. When
> I pointed out to my wife recently who is a K-8 school principal that most
> kids don't know what radio is (unless you mentioned internet radio), she
> told me that most kids don't know what a CD is.

That's all true, but one of my coworkers with teenage kids surprised me recently by disclosing that his kids and many of their friends are not only into LP records, but also listening to 70s era rock from bands like Aerosmith, Eagles, The Doors, etc. Not only that, but last time I was a Best Buy, they had a small rack of real LP records. And I've heard that many new bands release small runs of their albums on vinyl. Apparently, the idea of music coming out of a spinning plastic disc that you can touch and feel, with no computers involved, is magical to them in much the same way that an entire music library living on a cellphone with no moving parts might be to somebody from an older generation.

I approve of all of this, yet it seems creepy and disturbing to me that teens are listening to music that I like. It just doesn't seem natural! :-)

--
Mark J. Blair, NF6X <nf6x@...>
Web page: http://www.nf6x.net/

[Non-text portions of this message have been removed]

# 4973. Re: [T-368_BC-610] 610

Yahoo group: T-368_BC-610
Date: 2012-01-13 18:23:10 UTC
From: Mark J. Blair
Topic: 4367  Message: 4973

I haven't tried crystal grinding yet, but it's on my list of things to experiment with. I've accumulated a bunch of crystals on exactly the wrong frequencies to supply my secret laboratory.

--
Mark J. Blair, NF6X <nf6x@nf6x.net>
Web page: http://www.nf6x.net/

# 4974. RE: [T-368_BC-610] Re: Mods

Yahoo group: T-368_BC-610
Date: 2012-01-13 18:38:56 UTC
From: Bill Harris
Topic: 4935  Message: 4974

Can't wait till they discover the "Big Band" era. Bill-w7kxb

To: T-368_BC-610@yahoogroups.com
From: nf6x@...
Date: Fri, 13 Jan 2012 10:20:28 -0800
Subject: Re: [T-368_BC-610] Re: Mods

> Today kids get their music from the internet, MP3 players, and so on. When

> I pointed out to my wife recently who is a K-8 school principal that most

> kids don't know what radio is (unless you mentioned internet radio), she

> told me that most kids don't know what a CD is.

That's all true, but one of my coworkers with teenage kids surprised me recently by disclosing that his kids and many of their friends are not only into LP records, but also listening to 70s era rock from bands like Aerosmith, Eagles, The Doors, etc. Not only that, but last time I was a Best Buy, they had a small rack of real LP records. And I've heard that many new bands release small runs of their albums on vinyl. Apparently, the idea of music coming out of a spinning plastic disc that you can touch and feel, with no computers involved, is magical to them in much the same way that an entire music library living on a cellphone with no moving parts might be to somebody from an older generation.

I approve of all of this, yet it seems creepy and disturbing to me that teens are listening to music that I like. It just doesn't seem natural! :-)

--

[Non-text portions of this message have been removed]

# 4975. Re: [T-368_BC-610] The ONLY mod I'll do

Yahoo group: T-368_BC-610
Date: 2012-01-14 06:54:03 UTC
From: Barrie Smith
Topic: 4964  Message: 4975

Bob & All:

No need to wreak a crystal for a plugin for the TU.

Radio Shack sells a double pronged banana plug that plugs right in to the TU. It's designed for audio purposes and is used to connect to speakers.

This is what I use on my HT-4B.

73, Barrie, W7ALW
----- Original Message -----
From: rbethman
To: T-368_BC-610@yahoogroups.com
Sent: Friday, January 13, 2012 8:03 AM
Subject: [T-368_BC-610] The ONLY mod I'll do

I will be "Wrecking" one crystal. It is a 2105KC crystal that does not
fall into ANY ham band available.

I'm going to gut it, bore a ho;e in the top to fit a length of RG-58 or
even RG-59.

Facing from the front panel, the RF goes to the XTAL socket on the right
pin. Ground to the left.

It'll be fed from my HP-3336B.

Then I simply poke in the frequency that I want.

Accuracy is 10KC over the span of 1Mc to 20.9999999Mc.

Output from -72dBm to +7dBm.

It will be more than acceptable.

Bob - N0DGN

[Non-text portions of this message have been removed]

# 4976. Re: [T-368_BC-610] The ONLY mod I'll do

Yahoo group: T-368_BC-610
Date: 2012-01-13 19:13:48 UTC
From: rbethman
Topic: 4964  Message: 4976

Barrie,

I already have a useless crystal. Cost $0. Why buy something when I
don't need to?

Since it is 2105Kc, neither it fundamental, doubled value, (4210Kc), nor
tripled value, (6315Kc), is of use in a legal manner for Amateur use.

I.m certainly NOT applying for a Short Wave license! Who would sponsor
some nut like me - just so I could cover the costs of running this thing
on a regular/continuous basis?

Bob - N0DGN

On 1/14/2012 1:54 AM, Barrie Smith wrote:
>
> Bob & All:
>
> No need to wreak a crystal for a plugin for the TU.
>
> Radio Shack sells a double pronged banana plug that plugs right in to
> the TU. It's designed for audio purposes and is used to connect to
> speakers.
>
> This is what I use on my HT-4B.
>
> 73, Barrie, W7ALW
> ----- Original Message -----
> From: rbethman
> To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> Sent: Friday, January 13, 2012 8:03 AM
> Subject: [T-368_BC-610] The ONLY mod I'll do
>
> I will be "Wrecking" one crystal. It is a 2105KC crystal that does not
> fall into ANY ham band available.
>
> I'm going to gut it, bore a ho;e in the top to fit a length of RG-58 or
> even RG-59.
>
> Facing from the front panel, the RF goes to the XTAL socket on the right
> pin. Ground to the left.
>
> It'll be fed from my HP-3336B.
>
> Then I simply poke in the frequency that I want.
>

> Accuracy is 10KC over the span of 1Mc to 20.9999999Mc.
>
> Output from -72dBm to +7dBm.
>
> It will be more than acceptable.
>
> Bob - N0DGN
>
> [Non-text portions of this message have been removed]
>
>

--
+---------------------------------------------------------------------+
| AM Amateur Radio Operator NØDGN |
+---------------------------------------------------------------------+
| http://home.comcast.net/~rbethman/ |
+---------------------------------------------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| \\ ~ ~ // signal does *NOT* mean |
| rbethman@... (/ @ @ /) that everything is OK " |
+----------------------o00o---°(_)°---o00o-------------------------+

[Non-text portions of this message have been removed]

# 4977. Re: [T-368_BC-610] The ONLY mod I'll do

Yahoo group: T-368_BC-610
Date: 2012-01-13 19:14:46 UTC
From: James M. Walker
Topic: 4964  Message: 4977

Yeah, sure do and I got a bunch of them stuck
together so I can find them easily, I "Should have thought of that!!!!!!!
"DOH!!!!!!!"
Jim
WB2FCN

----- Original Message -----
From: "Barrie Smith" <barrie@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Saturday, January 14, 2012 1:54 AM
Subject: Re: [T-368_BC-610] The ONLY mod I'll do

> Bob & All:
>
> No need to wreak a crystal for a plugin for the TU.
>
> Radio Shack sells a double pronged banana plug that plugs right in to the
> TU. It's designed for audio purposes and is used to connect to speakers.
>
> This is what I use on my HT-4B.
>
> 73, Barrie, W7ALW
> ----- Original Message -----
> From: rbethman
> To: T-368_BC-610@yahoogroups.com
> Sent: Friday, January 13, 2012 8:03 AM
> Subject: [T-368_BC-610] The ONLY mod I'll do
>
>
>
>
> I will be "Wrecking" one crystal. It is a 2105KC crystal that does not
> fall into ANY ham band available.
>
> I'm going to gut it, bore a ho;e in the top to fit a length of RG-58 or
> even RG-59.
>
> Facing from the front panel, the RF goes to the XTAL socket on the right
> pin. Ground to the left.
>
> It'll be fed from my HP-3336B.
>
> Then I simply poke in the frequency that I want.
>
> Accuracy is 10KC over the span of 1Mc to 20.9999999Mc.
>

> Output from -72dBm to +7dBm.
>
> It will be more than acceptable.
>
> Bob - N0DGN
>
>
>
>
> [Non-text portions of this message have been removed]
>
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>
> Yahoo! Groups Links
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# 4978. Re: [T-368_BC-610] 610

Yahoo group: T-368_BC-610
Date: 2012-01-13 19:37:23 UTC
From: mac
Topic: 4367  Message: 4978

Mark,

Etching works better. To do this you'll need ammonium bifluouride (NH4F.HF). Comes in the form of white crystals which you dissolve in distilled water to get a saturated solution. Has to be done in plastic containers, of course. Didn't have much trouble finding the stuff on the internet a while ago but don't remember where. Great article on xtals attached below (long!)

Dennis

**********
On Jan 13, 2012, at 10:23 AM, Mark J. Blair wrote:

> I haven't tried crystal grinding yet, but it's on my list of things
> to experiment with. I've accumulated a bunch of crystals on exactly
> the wrong frequencies to supply my secret laboratory.
>
> --
> Mark J. Blair, NF6X <nf6x@...>
> Web page: http://www.nf6x.net/
>
>
>

Proceedings of the 35th Annual Frequency Control Symposium, pp. 3-12, 1981

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A HISTORY OF THE QUARTZ CRYSTAL INDUSTRY IN THE USA

Virgil E. Bottom

3441 High Meadows Dr.

Abilene, Texas 79605

Summary

Introduction

Early History of Piezoelectricity

The Quartz Crystal Section

Work of the Quartz Crystal Section

The Galvin Mfg. Co. (Motorola)

Growth of the Crystal Industry

The FT-241 Program

The Quartz Shortage

The Ageing Problem

Post War History of the Industry

Problems of the Crystal Industry

EPILOGUE

Summary

With the aid of many of the people who were involved, this paper is an attempt to record the history of the quartz crystal industry in the USA. Although crystal units were in use at least a decade earlier, the beginning of the quartz crystal industry in the USA can logically be dated November 1941 when the Quartz Crystal Section was organized in the Office of the Chief Signal Officer.

The history of the industry is traced from its origin with the discovery of Piezoelectricity by the Curie brothers in 1880-81 to the present time. Special emphasis is placed upon the problems which were encountered and overcome in creating an industry capable of meeting the demands of the Armed Services of the United States and their Allies during WW II.

The record of cooperation among the large and small industries, governmental agencies, the armed services, universities and individual citizens inspires confidence that the most critical problem can be solved with cooperation, dedication and effort.

Introduction

The August 23, 1943 issue of LIFE Magazine carried the following letter to the editor:

Sirs: In proportion to size these little glass like quartz wafers are perhaps the most remarkable of all the tools science has given to war. When the story of the almost incredible progress in research and manufacture of radio crystals can be told, it will prove to be a tale of one of the war's greatest achievements. No less significant will be the fruit of these advancements to a new world at peace where crystals will be the vibrating hearts of most telecommunication equipment. Gerald James Holton, Harvard University, Cambridge, Mass.

The "story" to which Prof. Holton so prophetically referred has not been told and perhaps can never be told in detail. MacLaurin, in the book INVENTION AND INNOVATION IN THE RADIO INDUSTRY, one of the books in the MIT studies of innovation, published in 1949, does not even mention piezoelectricity or the quartz crystal unit. But Prof. Holton's prophecy concerning the peace time uses of "those

little glass like wafers" has been fulfilled far beyond anything that he could have foreseen.

The fortieth anniversary of the entrance of the United States into the great war known as World War II provides an appropriate occasion to review the "incredible progress" to which Dr. Holton referred even though quartz crystal units were known and in limited use more than a decade before that date. The 1939 decision of the Armed Services of the United States to convert its radio equipment to crystal control resulted in the creation of an industry which ultimately played an important role in the victory of the Allied Forces over the Axis Powers.

The years 1980-81 are also the centennial of the years in which the Curie brothers discovered the piezoelectric effect; the direct effect in 1880 and the converse effect in 1881.

It is fitting, therefore, that we should at this time look back upon the development of an industry which, in many respects, is unique; an industry staffed for the most part by people who were not trained scientists or engineers. On the contrary they were bartenders, lamp shade manufacturers, wood workers, stone cutters, mechanics and, above all, amateur radio operators or "hams". With a few professionals, most of whom knew little more than they about piezoelectricity and with a totally unsatisfactory basis of scientific information, these entrepreneurs tackled a job which would have taxed the ability of the most advanced and best equipped industrial concern in the nation. And they carried it off. But let us start at the beginning.

Early History of Piezoelectricity

Very soon after its discovery the Curies devised several instruments utilizing the piezoelectric effect. One of these was the piezoelectric voltmeter. Another was the piezoelectrometer which later became the basic instrument used by Pierre and Marie Curie in their work which led to the discovery of Radium. Otherwise, for more than three decades the piezoelectric effect remained little more than a laboratory curiosity. Further developments had to await the invention of the triode vacuum tube.

After the Curies the first application of the piezoelectric effect was made by Prof. P. Langevin in France in 1917. Langevin used X-cut plates of quartz to generate and detect sound waves in water. His object was to provide a means for detecting submarines and his work led to the development of SONAR and to the science of ultrasonics, the results of which are still making headlines (viz., the recent announcement of the successful use of ultrasonic imaging in mammography).

Langevin's work stimulated others to investigate the phenomenon of resonance in piezoelectric crystals. Among those who became interested were A.M. Nicholson of the Bell Telephone

Laboratories and Prof. W. G. Cady at Wesleyan University. Both men, working with Rochelle salt, observed the reaction of the resonant piezoid on the driving circuit and both applied for patents based upon their observations. Subsequent litigation resulted in a legal decision in favor of Nicholson who is therefore considered to be the inventor of the piezoelectric oscillator.

In 1919 Cady used a quartz piezoid to control the frequency of an oscillator and in a series of papers during the next three years he described the use of quartz bars and plates as frequency standards and wave filters. It is generally accepted that Cady was the first to use a quartz piezoid to control the frequency of an oscillator circuit.

Both Nicholson and Cady used devices which would today be called monolithic resonators having two sets of electrodes on the same crystal. It remained for Prof. G. W. Pierce of Harvard University to show, in 1923, that a quartz plate with only one set of electrodes could be made to control the frequency of an oscillator circuit using only one vacuum tube. Pierce's circuit has probably been used more than any other quartz crystal oscillator circuit.

Oddly enough, none of the circuits was understood by its inventor until Prof. K. S. Van Dyke, a student and colleague of Cady, showed in 1925 that the two electrode piezoelectric resonator is the electrical equivalent of a series resonant circuit shunted by a capacitor. He was able to relate the electrical parameters of the equivalent circuit to the physical properties of the piezoid. This information in the hands of Vigoreux, Wright, Terry and others led to the understanding of the piezoelectric resonator or piezoid and to its use both as a passive and as an active circuit element.

The importance of the discoveries of Cady, Nicholson and Pierce did not go unnoticed. In 1923 the Bell Telephone Laboratories established a quartz laboratory and the General Electric Company did likewise the following year. One of the individuals who recognized the potential of the quartz crystal unit was August E. Miller. In 1923 Miller left the optical business where he had become an expert in grinding quartz lenses to go into the business of making quartz crystal blanks for amateur radio operators or "hams"; the only market which then existed for the new device. It appears that "Augie" Miller may have been one of the first individuals to go into the business of making quartz crystal units.

In 1926 the A. T. & T. radio station WEAF in New York City became the first radio station in the United States to control its frequency with a quartz crystal unit. Within a few years all radio stations went to crystal control thus providing another small market for quartz crystal units.

Before 1926 all crystal units were X-cut bars or plates. In that year E. D. Tillyer of the American Optical Co. discovered the

Y-cut. The temperature-frequency coefficient of the Y-cut is about +100 ppm per C° whereas that of the X-cut is about -20 ppm per C°. This fact naturally suggested the possibility of making piezoids, the frequencies of which would be independent of temperature and so work was started in several places to exploit the idea.

During the year 1927 Prof. Gerald Fox of the University of Iowa spoke to a convention of "hams" on the topic "The Piezoelectric Properties of Quartz". His talk stimulated some of the hams to try to make their own crystal units. One of them was E. L. (Al) Shideler of Manson, Iowa who not only succeeded in doing so but continued to do so until he retired forty years later. Another was Bill Peterson of Council Bluffs, Iowa who founded the Peterson Radio Co. and continued to make crystal units until his recent death. Still another was Herb Hollister of Merriam, Kansas who continued to make crystal units until the end of WWII. This list is doubtless incomplete.

The interest of radio amateurs and radio broadcasters created a mini-market for crystal units and several small businesses were established to satisfy the demand. One of these was the Miller Laboratories started by August Miller in the year 1928.

In January 1930 QST published an article by J. Herbert (Herb) Hollister entitled "Debunking Crystal Control" in which he pointed out "its utter simplicity" and described how a ham could make his own crystal unit. During the same year F. Dawson Bliley founded the Bliley Electric Co. to supply crystal units mainly to the amateur market. Today the Bliley firm is headed by sons of the founder and continues to be one of the most respected companies in the business.

In 1931 Herbert Blazier founded Monitor Piezo Products Co. and began to supply crystal units to hams, radio stations and two-way communication systems on the West Coast. Monitor continues today under the direction of John W. Blazier, son of the founder of the company. Also in 1931, Theodore S. Valpey established the Valpey Crystal Co. which still continues as the Valpey-Fisher Corp. under the direction of the son of the founder, Mr. Ted Valpey. Jr.

In 1931, Dr. W. A. Parlin, Professor of Physics at Dickinson College in Carlisle, PA and three of his students, Ed Minnich, Howard Bair and Charles Fagan decided to try to make crystal units for their ham rigs. They were assisted by Grover C. Hunt, an amateur lapidist who was employed by the college as an engineer. Not only were they successful but in the following year Hunt produced the first commercial units to be made in the Carlisle area. All of the quartz crystal operations in the Carlisle area are direct descendants of Hunt's original efforts.

In 1932 Leon Faber, who had taken up the hobby of amateur radio in 1913, began to make crystal units in Sandwich, IL. His first customers were other hams. When WW II broke out Faber formed a partnership with James Knights who owned and operated a battery shop

in Sandwich. Their efforts produced the James Knights Co. which became one of the largest crystal manufacturers in the world. It continues today as the CTS-Knights Co.

The crystal units of the day were either X- or Y-cut plates mounted loosely between two metal plates which served as electrodes. With suitable temperature control frequency stabilities of a few ppm could be achieved. This was a vast improvement over the free running oscillators of the time but the temperature control equipment was expensive, cumbersome and power consuming. Furthermore, the construction of the units made them susceptible to the effects of vibration and precluded their use in aircraft and other mobile systems.

Meanwhile work had continued to try to find ways of making units which would be less susceptible to the effects of temperature changes. In 1929 W. A. Marrison of the Bell Telephone Laboratories described the first quartz piezoid with a low temperature coefficient. It was made in the form of a doughnut and was later used as the isochronous element of the first crystal clock. It did not, however, prove practical for general use. Efforts to develop a practical unit having a low frequency-temperature coefficient were successful in 1934 when the AT- and BT-cuts were discovered independently by Koga in Japan, by Bechmann and Straubel in Germany and by Lack, Willard and Fair in the United States. Two years later Baldwin and Bokovoy of RCA introduced the V-cut.

Shortly thereafter G. W. Thurston of the Bell Telephone Laboratories discovered that a quartz plate of the rotated Y-cut family could be rigidly supported between two metal plates by clamping it at a few points near the edge and thus providing an air space between the quartz plate and the metal electrode. Although slightly more difficult to produce, the clamped, low temperature coefficient plates were suitable for mobile applications and this increased the market for crystal units.

In response to the new market several new companies were formed. Among them was Standard Piezo Co., the first crystal company in the Carlisle, PA area; organized by Grover Hunt and Linwood Gagne in 1935. In the same year the General Electric Co., which had established a quartz laboratory in 1924, decided that the crystal unit was ready for commercial production and assigned it to the G. E. Laboratories at Schenectady, NY under the direction of C. F. Baldwin. In addition to units produced for internal use, a few were sold on the open market.

One of the most important influences on the development of the crystal industry in the period 1935-40 was the Galvin Mfg. Co. (Motorola). Mr. Dan Noble, ex-professor of Electrical Engineering at the University of Connecticut, was convinced that crystal control was essential to effective two way radio communication. In order to obtain the crystal units which he needed for his new two-way systems he

persuaded Mr. Galvin to place orders with and in some cases to subsidize a number of individuals who had some experience with crystal units. Among these were E. L. Shideler of Fort Dodge, IA, Herb Hollister of Wichita, KS and "Ted" Tedford of Cincinnati, OH.

Production methods in use at the time were quite primitive. Orientation was done with reference to the natural faces of the crystal and consequently only faced quartz crystals could be used. The usual procedure was to determine the orientation with respect to a rhombehedral face using a protractor to measure the angular position. Sawing was done with a rotating blade in a slurry of silicon carbide and oil or water. The blades were usually of copper although other metals were used and at least one innovator of the day used old 78 rpm phonograph records. The crystal was held at the approximate angle by cementing it to a glass plate with wax or plaster Paris and a test cut was made. The resulting plate was lapped by hand until it would oscillate when placed between metal electrodes, the upper one of which was called a "penny plate" because of its shape and size. Once oscillation was obtained, the temperature was changed by means of a hair dryer or with dry ice and the direction of frequency change noted. Then the saw, which had remained idle during the process, was readjusted and another test plate cut. The process was repeated until a satisfactory angle was found and, if any quartz remained, the crystal was sawed into wafers. Although simple in principle, this method of orientation had two serious disadvantages; it was slow because the saw was idle for long periods of time and the test results were often ambiguous because of the effects of twinning and of coupled modes. Even at best, the accuracy was poor.

In a short time it was discovered that polarized light could be used in determining the angle. By passing a beam of plane polarized light through the blank in the X-direction the angle between the plane of the blank and the Z-axis can be determined with an accuracy of a few tenths of a degree. The use of polarized light greatly increased the productivity of the factory and the quality of the product.

As the market for crystal units expanded in the late thirties, the need for mechanization increased. The first crude saws were improvised from milling machines, surface grinders, and drill presses. Later these were turned on their sides, fitted with diamond blades and equipped with crossfeed compounds from milling machines. Eventually the Delta Mfg. Co., with the encouragement of Elmer Wavering of Motorola, produced 5000 drill press saws. Still later the Felker Corp. (now Felker Operations) produced the Felker Dimet saw, operating on the same principle but incorporating refinements making it a better production machine.

After a slice of quartz, called a wafer, was cut from the crystal it was etched with hydrofluoric acid to reveal the presence of twinning and other defects which were marked out and discarded. The

remaining portion of the wafer (if any) was then diced into blanks ranging in size from 1.5 to 3 cm. The typical yield was 20 to 30 blanks per kilogram of quartz costing about thirty dollars. Unfortunately, many beautiful, fully faced crystals proved to be useless because of electrical and optical twinning which could not be detected until the crystal was sawed into wafers.

Blanks were lapped by hand on a rotating cast iron plate called a "stooging wheel" using silicon carbide and water as a slurry. After a few hours of work, the operator of a stooging wheel was usually contributing blood to the slurry from his/her finger tips. Many strange and wonderful devices were used to replace hand lapping. Louis Patla of DX Crystal Co., the first to produce crystal units in the Chicago area, recalls making a lapping machine from an old bread dough mixer. But most of the early laps were made from drill presses. A crank was inserted into the chuck and used to drive a metal carrier between two flat, annular cast iron plates while abrasive slurry was fed in through holes in the top plate. Metal carriers were replaced by plastic ones when it was discovered that, if the two metal plates were insulated from each other, the quartz plates would announce their own frequencies in a radio receiver. Soon the Atlas Machine Co. began producing drill press laps and the Atlas lap became the most commonly used lapping machine in the industry. In 1938 the P. R. Hoffman Co. was organized to produce machinery for the expanding industry. One of its first products was the Hunt-Hoffman planetary lap which is still widely used today without substantial modification.

Frequency measurements were made by determining the difference between the frequency of the test blank and that of some reference frequency such as a secondary frequency standard consisting of a one MHz crystal unit controlling a frequency generator which developed a set of radio frequencies having integral multiples of 10 kHz. Measurement of the difference frequency, detected by a radio receiver, was a major problem which was solved in various ways One of the early manufacturers, E. L. Shideler, used the family piano as an interpolation oscillator. More affluent manufacturers could procure an excellent analog frequency meter from General Radio Co. and within a short time David Packard and William Hewlett developed the HP-200 audio oscillator which not only met a need in the quartz crystal industry but also launched the Hewlett-Packard Corporation.

Final adjustment to frequency was done using a piece of plate glass as a lap and silicon carbide or emery as an abrasive. The operator applied force at diagonally opposite corners of the blank while moving it in a figure 8 motion on the glass plate thereby unknowingly reducing the thickness at the edges and creating the contour which is essential in thickness shear plates in which the thickness is not small compared with the lateral dimensions. Finishing to frequency was an exasperating exercise. The frequency of the plate is determined primarily, but not exclusively, by the thickness. But the amplitude or "activity" depends upon the lateral dimensions.

Frequently the blank has low activity when adjusted to the nominal frequency and edge grinding is required. But edge grinding has a second order effect on the frequency which often skips to a higher frequency making the blank unuseable for the desired purpose. This phenomenon, which is commonplace and well understood today, was in 1935 variously ascribed to demons or to the perversity of inanimate matter.

Nevertheless, with patience, experience and luck a skilled finisher could sometimes finish to frequency as many as twenty crystal units per day. And so with primitive equipment and methods and little or no understanding of the phenomena involved, the crystal industry in the United States produced an estimated 100,000 crystal units during the year 1939.

It is quite impossible to trace to their origins many of the innovations which were devised during this period. Many techniques, thought to be original by their inventors, were later reported to have been in use elsewhere at an earlier date. This situation was partly due to the desire to keep as a trade secret any innovation which reduced the cost or/and improved the product; and partly to the lack of any effective means of communication between the various entrepreneurs. After the United States became involved in the war patriotism took precedence over industrial secrecy and with only one or two notable exceptions cooperation rather than competition became the rule.

The Quartz Crystal Section

The decision to make large scale use of crystal control in military communication systems was made late in 1939. The Armed Services had considered crystal control before but the idea was always rejected on the bases of (1) lack of flexibility, (2) cost, and (3) unavailability. In the summer of 1939, during field maneuvers in Tennessee, comparative tests were made of FM vehicular radio equipment, with and without crystal control. About the same time some crystal controlled equipment, captured from the German Army by the British, was sent to Wright Field for evaluation. The result of these tests was the decision to convert all military radio equipment to crystal control. This was about two years before Pearl Harbor Day (Dec. 7, 1941) and after the war in Europe was already under way.

The wisdom of this decision was emphasized by Major General Roger B. Colton at the Chicago Conference on July 11-12, 1944 when, despite all of the problems which had by then been encountered, some of which were still unsolved, he could say:

"Our decision to go into crystal controlled radios for widespread tactical use has been more than justified by the results obtained. The Army had radio before they had crystals. Now the Army has communications. That's the difference. Crystals gave us communications."

Before the United States had seriously started rearming representatives of the British Purchasing Agency came to the United States to obtain equipment for the Armed Services of the U. K. One piece of equipment which they ordered was a VHF transmitter-receiver for aircraft use employing 4 crystal units in the transmitter and 4 in the receiver. The equipment was made by the Bendix Corp. and the crystal units were the DC-11 and the DC-12 types. This set, with a few modifications became the SCR-522, the most important airborne set in the U.S. Air Force and its crystal unit became the CR-1.

As the war in Europe increased in intensity it became apparent that the United States might soon be involved. The pressure on the fledgling crystal industry increased as it was asked to supply crystal units for the Allied Forces as well as our own. It became clear during the latter months of 1941 that a serious bottleneck was developing and that something must be done to expedite the production of crystal units.

If any date can be ascribed to the beginning of the quartz crystal industry in the United States it is probably late October or early November 1941 when the Quartz Crystal Section (QCS) was organized in the Office of the Chief Signal Officer (OCSIGO). It was headed by Lt. Col. James D. O'Connel and house in Bldg. Temporary A at Buzzard's Point near the old Army War College in Washington. The mission of the QCS was to expedite the production of quartz crystal units to meet the requirements of our Armed Services and those of the Allies. The first problem was that of finding personnel who could solve the technical problems and guide the industry which was to be. The original group of civilians in the QCS included:

Dr. Clifford Frondel of Harvard University

Dr. Richard Stoiber of Dartmouth College

Mr. Sam Gordon of the Philadelphia Museum of Natural History, and

Dr. William Parrish of the Pennsylvania State University, all of whom were mineralogists.

Dr. Wally Richmond and Mr. Hugh Waesehe, both of whom were geologists.

Dr. Carl Bertseh of Newark College of Engineering, a physicist and

Mr. E. K. Woods of the Patent Agency.

Among the Officers initially assigned to the QCS were:

Capt. E. W. Johnson Capt. Charles Miller

Lt. Les Atlass Lt. Willie Doxey

The task of this group was to organize an industry, determine what facilities were required and to make them available, obtain the necessary priorities for materials and equipment and to

expedite and schedule production. Furthermore it had to be done immediately. Although all three services had small groups working on crystal problems which were peculiar to their particular services, the QCS served as the focal point for the quartz crystal program in the U.S. during the next four years.

In July 1942 the QCS was moved to the unfinished Pentagon Building and Dr. K. S. Van Dyke joined the group as Chief Civilian. His knowledge of the basic theory of piezoelectricity added a much needed dimension to the staff of the QCS which had hitherto been made up largely of mineralogists and geologists. Early in 1943 Virgil E. Bottom joined the group. He was the first member who had actual experience in the manufacture of crystal units. A little later Dr. Allyn Swinnerton, a geologist and Vice President of Antioch College, joined the group.

Work of the Quartz Crystal Section

The first task of the QCS was to publicize the need for quartz crystal units in order to attract potential manufacturers. This was done so successfully that many letters were received from patriotic citizens offering to donate the crystal sets which had reposed in their attics for a decade or two. However the information did reach the desired places and would-be manufacturers of crystal units whose regular activities had been halted by the War Production Board began to descend upon the QCS asking how they might use their idle facilities to make crystal units. This group which included machinists, blacksmiths, jewelry makers, and amateur radio operators turned in one of the most remarkable records in the annals of American industry. In less than three years Mr. William Halligan, the President of the Hallicrafters Co. was able to say:

"We had no trained personnel to make crystals. We had no equipment with which to make crystals and out of this has been created what to my mind, is truly a miracle of American incentive and industry."

The information available to these neophyte crystal manufacturers consisted of a few articles in QST, an article or two in the Bell System Technical Journal and the patents which had been issued. A little later the Bell Telephone Laboratories came to the rescue with a collection of articles written by such authorities as W. P. Mason, Walter L. Bond, Roger Sykes, I. E. Fair, G. W. Willard, G. M. Thurston, A. R. d'Heedne, H. G. Weke and R. M. C. Greenidge. These papers were of inestimable value at the time and were later edited in book form by R. A. Heising and published by Van Nostrand in 1946 under the title QUARTZ CRYSTALS FOR ELECTRICAL CIRCUITS. These materials were made available to the new manufacturers who digested them, utilized them and, in many cases, made improvements upon them.

One of the first acts of the QCS was to expedite the development of X-ray diffraction equipment for use in orienting quartz blanks. This became the first commercial application of X-ray

diffraction. A few companies had adapted old dental X-ray equipment for making Laue photographs of quartz blanks but the process was slow and the results scarcely better than those which could be obtained with polarized light. At the Western Electric Co. a primitive form of Bragg diffraction equipment was in use by Walter L. Bond but this information had not reached beyond the limits of the Bell Telephone Laboratories. Contracts for the development of X-ray equipment were placed with the General Electric Co. and with the North American Phillips Co. under the surveillance of Dr. William Parrish. Both companies produced equipment in such numbers that most of the crystal companies were equipped with X-ray machines by early 1943. Although the equipment designed and built by the two companies differed in many respects, both were so well designed and constructed that many of the original machines are still in use almost forty years later.

Much effort of the QCS went into expediting equipment, supplies and materials for the new industry. Because of the critical nature of the program it was assigned a very high priority which, along with the authority of the OCSIGO, was often invoked to obtain critical materials. At one time a certain piece of equipment was almost within our grasp when it was snatched away by an outfit called the "Manhattan Project" which had a higher priority. Some of us wondered briefly why Manhattan needed a General Radio Primary Frequency Standard. Two of the men who became expert in working with the War Production Board and other agencies were Tom Parrott and Wally Richmond and many crystal manufacturers owed their daily ration of quartz to the efforts of these two men.

Due to the critical nature of the industry the decision was made to locate the production facilities away from the East Coast which was within enemy range. Accordingly manufacturers in the Central Region of the country were encouraged with the result that Kansas City and Chicago became manufacturing centers for the quartz crystal industry and remained so for years.

In May 1942 the QCS organized a training program in Kansas City under the auspices of the University of Kansas. The teacher of the course was John Zeigler, a young engineer, who had learned something about crystal units while working at RCA. The course was taught from copies of patents to a class of about 20 persons including Ernest O. Ruff and Edward Roper, both of whom are still active in the crystal business.

Soon thereafter Zeigler and George (Jack) McGrew organized a company called Crystal Products Co. Except for a small operation called Aerion, owned by the Aircraft Accessories Co., Crystal Products was the first crystal company in the Kansas City Area. All of the other factories in the area sprang from the company organized by McGrew and Zeigler.

By 1943 about 130 manufacturers were engaged in the production of crystal units. Twenty three of these were in the Chicago area, 20 in the New York area, 15 in the Carlisle area and 14 in the Kansas City area. The remainder were scattered over 20 states from Oregon to Florida and California to Massachusetts. The supervision of so many small plants, distributed over such an area was a major problem and the members of the staff of the QCS spent much time on travel duty instructing the new manufacturers, helping them with technical problems, correlating test equipment and settling arguments between them and the Signal Corps Inspectors.

The Galvin Mfg. Co. (Motorola)

The task of coordinating the activities of 130 companies was clearly beyond the capability of the small staff of the QCS in Washington and so the Galvin Mfg. Co. (later Motorola) was induced to assist in the program. Galvin was heavily engaged in the production of personnel radio equipment known as the "handie-talkie" and "walkie-talkie" sets, all of which used the FT-243 crystal unit. Under the direction of Mr. Elmer Wavering, Galvin Mfg. Co. undertook the Herculean task of expediting and scheduling the production of FT-243 units, testing and assembling them into kits each of which contained 44,000 units on 4400 different frequencies. Mr. Nick Anton, an assistant to Mr. Wavering, prepared and distributed a Crystal News Sheet which supplemented the grapevine and helped contractors to keep abreast of new developments and information related to the production of FT-243 units.

One important contribution of the Galvin Mfg. Co. was the CES-1 Crystal Test Set. The CI-meter had not yet been invented and standardization of crystal units was unknown. It was necessary to provide each manufacturer with a test set consisting of a mock-up of the oscillator circuit of every piece of radio equipment. These test sets were known as "black boxes" from the color and shape of the cabinets which housed them. Each "black box" was periodically returned to the Signal Corps Laboratory at Fort Monmouth for recalibration. The CES-1 consisted of a Pierce oscillator circuit in which the critical parameters were variable. It could therefore be adjusted to simulate a number of different radio sets, thereby reducing the need for so many "black boxes". The CES-1 helped greatly with the correlation problem but did nothing to solve the standardization problem which awaited the invention of the CI-meter.

Growth of the Crystal Industry

Except for the Western Electric Co., all of the crystal unit manufacturers in existence before 1940 were very small. Bliley, one of the largest, had fewer than 15 employees. Monito Piezo had about the same number. It is doubtful if more than 100 persons were engaged in the production of crystal units in the year 1939.

During the period 1941-45 employment at Monitor reached over 2000 and at Bliley over 1400. Scientific Radio Products employed

over 750 and a new plant, The Reeves Sound Laboratories in New York City which began production in the summer of 1942, soon employed nearly 1000. In Chicago the Ross Mfg. Co., headed by Ken Ross and the Beaumont Electric Co., operated by the Lieberman brothers, (who formerly manufactured lampshades) each employed over 500. Many smaller companies with fewer than 100 employees also made their contributions. One example was the Good-All Mfg. Co. of Ogallala, Nebraska which employed about 20 people.

In addition to the firms directly engaged in the production of crystal units, many many others were engaged in supporting activities. Diamond saw blades, abrasives, plastic holders, stainless steel electrodes, beryllium copper springs, neoprene gaskets, nickel plated screws and many other items were required to complete the assembly. Coordination of the production and distribution of these items was done by the War Production Board which attempted to match the limited supplies to the almost unlimited requirements.

This motley assemblage of manufacturers, coming from every part of the nation and from almost every type of activity turned in a most remarkable production record. Between 1941 and 1945 they produced an estimated 30 million crystal units.

The FT-241 Program

The radio equipment used by the armored cavalry and the field artillery divisions was designated the BC-608 series. This equipment used frequency modulation and operated in the 30-40 MHz range of frequencies. The crystal unit for the set was the FT-241, developed by the Bell Telephone Laboratories and produced by the Western Electric Co. Each set carried a complement of crystal units ranging in number from 72 to 120 thereby requiring an extremely large number of crystal units.

The crystal units, which operated in the frequency range 350-550 kHz were made with CT-cut quartz plates. They were made at the Hawthorne Plant of the Western Electric Co. in Chicago where more than 10 million such units were produced between 1941 and 1945. The production of this plant was reported to be one million units per month when it was shut down in the summer of 1945. A complete account of the development of the FT-241 unit is given by W. F. Drew and A. E. Swickard in Heising, Chapter XVI.

Although the Hawthorne plant was in a secure location militarily, it was early recognized that at least one more source for these units should be available. The technology involved in making the FT-241 was clearly beyond the capability of most of the small plants which were successfully making the FT-243 and CR-1 types. Accordingly a contract was awarded to the Federal Telephone and Telegraph Co. of Newark, a subsidiary of ITT, to set up a second source for the FT-241 unit. However, despite the expenditure of a large sum of money and much precious quartz and with the experience of the Western Electric

Co. available, the war ended before any units of the FT-241 type were produced outside the Hawthorne plant in Chicago.

The Quartz Shortage

One of the most critical problems faced by the QCS was the shortage of raw quartz. Although quartz is found in a few other places including the United States, practically the only source of natural quartz of electronic grade is Brazil. At the beginning of 1939 the United States had a stockpile of about 10,000 pounds of quartz suitable for processing into crystal units. During 1939 about 30,500 kg (67,000 pounds) of quartz was imported from Brazil. The amount imported in 1940 was 57,500 kg. Approximately 10% of this quartz was considered to be of electronic grade. Dr. Richard Stoiber was assigned the problem of expediting the supply of quartz.

Before the end of 1942 the supply of faced quartz which could be processed without the use of X-rays was nearly exhausted and the industry was forced to begin to learn to process unfaced quartz of which a considerable quantity was still available. Various techniques and devices were developed to enable manufacturers to use this material. These are adequately described by G. W. Willard in Heising, Chap. IV.

By the end of 1942 X-ray diffraction equipment began to become available to the manufacturers enabling them to effectively utilize unfaced quartz crystals. This relieved the shortage somewhat but the supply was still inadequate and steps were considered to increase the supply. The quartz mining regions of Brazil are not in the "hot, steamy jungles" but rather in the highlands in the central states of Minas Gerais and Goias near the capital city of Brazilia (which, of course, did not exist at that time). The mining of quartz was not then, nor is it now, an organized activity. The 'garimpeiro' (diamond hunter) would dig or hunt until he found a crystal which he could trade to a local merchant for supplies. The merchant, in turn, exchanged it for goods and eventually the stone reached Rio de Janiero where it was finally sold to the purchasing agent of the Metals Reserve Corp. or some other purchaser. This ad hoc system was incapable of meeting the needs of the growing crystal industry and the quartz shortage continued to become more acute. As an example, on Easter Sunday 1942 an executive order was obtained from the White House releasing 200 pounds of quartz which was needed for a special order for crystal units.

Various steps were considered for alleviating the shortage which was partly due to inadequate grading facilities in Rio. Consequently inspection teams were trained and sent to Brazil to inspect the quartz prior to shipment. Eventually several thousands of pounds of quartz were loaded on a ship bound for the Port of Newark. The ship was hardly out of the harbor before it was sunk by a German submarine. After that incident all quartz was flown to the United

States in DC-3 cargo planes at a cost of $2.00/pd. (1941 dollars).

In an effort to encourage the mining of quartz the purchasing agents in Brazil were authorized to double the price of quartz. However the authors of this strategy had failed to take into account the economic system of the 'garimpeiro' who was not interested in building up a savings account and who only dug or hunted quartz when he needed to replenish his supplies of rice, beans and pinga. Consequently the result of the program was less, not more, quartz and the program was abandoned.

It was then proposed that mining machinery be sent to Brazil. Accordingly a cargo ship was loaded with bulldozers and other earth moving equipment and dispatched to Rio. It was sunk enroute. Another ship was loaded with similar equipment. It arrived safely but most of the machinery never reached the mining areas because of lack of roads and that which did reach the quartz mining area proved unsuitable because of lack of fuel and because the nature of the operation made mechanical mining impractical.

At this time it was considered uneconomical to process stones below about 200 grams in size. One day in 1943 Mr. Morris Hanauer, owner of American Gem and Pearl Co., a quartz importer, was trying to convince Lou Patla of DX Crystal Co. that he should use these small stones. "Lou", he said, "God made lots of small crystals but very few large ones. So why don't you go along with God and use the small ones." Soon ways were found to process the small stones with satisfactory results. This information spread quickly throughout the industry and for a time alleviated the quartz shortage.

Nevertheless, through the entire war period the quartz crystal industry lived on a hand to mouth basis and the shortage problem was eventually met, not so much by increasing the supply as by conservation. The yields were increased by making the blanks smaller and stones formerly considered unuseable were processed. Production records were maintained and with one or two notable exceptions, quartz was allocated only to the producers who could show that they were able to utilize it efficiently.

The lesson learned from the shortage of a critical raw material for which we were totally dependent on an offshore supply was not wasted. Efforts were made to find a substitute for quartz. These were unsuccessful but at the end of the war it was learned that Germany, faced with a similar quartz shortage, had made some progress toward making man-made quartz. Consequently a major effort was mounted to make cultured quartz with such success that we are now almost completely independent of the natural material.

The Ageing Problem

By the middle of 1943 the task of setting up an industry was complete and crystal units were being produced in numbers adequate

to meet the demand. It was then that the second, and even more serious crisis confronted the crystal program. Reports began to filter in of extensive crystal failures both in service and in depot storage. The first responses to these reports ranged between indifference and disbelief. However the reports became more persistent and the Signal Corps Engineering Laboratories (SCEL) at Fort Monmouth were requested to investigate the situation. The progress was slow because the problem was treated as an academic question rather than a matter of the utmost urgency. Late in 1943 a telegram was received at OCSIGO which changed the situation. It read as follows:

COMMUNICATIONS EIGHTH AIR FORCE BASED IN BRITAIN BROKEN DOWN LACK OF CRYSTALS

FIND CAUSE CURE SAME EAKER

Reception of this communiqué caused a flurry of activity at both the QCS and at SCEL. A test facility euphemistically named "The Swamp" was constructed at Camp Coles Signal Laboratory. It subjected crystal units to temperatures of 100 F° in an ambient relative humidity of 100% simulating the conditions reported from the Burma theatre. The tests quickly confirmed the field reports. All crystal units failed within a few days or at most a week or two. Some of the failures were due to the phenomenon of corrosion fatigue in which the ammonia released by the phenolic holders attacked the brass connectors at points of stress causing them to break. This problem was corrected by eliminating brass from the assembly. A much more serious problem was the ageing syndrome characterized by loss of activity and increased frequency. Many theories were advanced to explain the phenomenon and these had to be checked out experimentally. Meanwhile the manufacturers were producing crystal units at the rate of a million per month; nearly all of which were destined to be useless.

Before the end of 1943 it had become apparent that the most important factor in the ageing process was the surface of the quartz which was damaged in the process of lapping to frequency. Particles of quartz, partially loosened by abrasion, were further loosened by the effects of water vapor, eventually breaking away completely. The presence of these loose fragments on the surface of the blank reduced the activity by damping and their loss caused an increase in frequency because of the reduction of mass.

The problem of ageing was especially severe in the CR-1unit used by the Air Force because these units operated at higher frequencies and required closer tolerances. As a temporary measure orders were issued by Wright Field that all quartz plates must be able to withstand the test of scrubbing with soap and water and a toothbrush. Soon each Signal Corps Inspector and each crystal finisher was equipped with a toothbrush and a dish of soapy water. The directive was a boon to the toothbrush industry but contributed little to the solution of the ageing problem.

By the end of 1943 it had been shown that quartz blanks which had been etched to frequency exhibited very small changes of frequency and activity even when subjected to tropical conditions. However considerable opposition existed to the idea of etching and much valuable time was lost in investigating other approaches before the decision was made to require etching. This was due to a reluctance to specify a manufacturing process which might require rewriting of the specifications and renegotiating of contracts and to a wise policy of specifying test results instead of manufacturing procedures. Yet it was impossible to depend upon inspection procedures to insure that crystal units would remain useable and a vast amount of work had failed to reveal any other manufacturing procedure which would do so.

Consequently a Conference of all Crystal Manufacturers was called on July 11-12, 1944 in the old Stevens Hotel in Chicago. The problem was explained in detail and the proposed remedy was presented. There was no time to rewrite the specifications or to renegotiate contracts so the manufacturers were asked to convert their production processes from hand lapping to etching. It was expected that units made by the etching process might be more expensive. Again the industry rose to meet a challenge. The manufacturers went back to their plants and converted to the new process with such success that they produced satisfactory units at a lower cost. As one example, Ken Ross, who had converted his coil winding plant in Chicago to a facility for making FT-243 crystal units, designed and built a continuous etching system which, with four operators, turned out as many finished crystal units as 20 operators finishing by hand lapping. The Ross system was soon widely copied throughout the industry.

Ironically, the ageing problem might have been avoided had better communication existed. The phenomenon of ageing had been noted as early as October 1940 at RCA. The work of H. E. LeRoy and V. E. Trouant led to a Company Confidential memorandum dated April 14, 1941 in which they said:

"Etching... reduced the number of failures." and that "Etching will be incorporated in the processing as soon as details can be worked out and operators trained."

Unfortunately this work was unknown outside the RCA Laboratories until after the war and even there it does not appear to have been exploited.

To provide crystal units for special purposes in the field, twelve three-man crystal grinding teams were given a three months crash course in finishing crystal units. They were trained by Dr. D. G. McAA, a retired physician, at Camp Coles Signal Laboratory. These teams were provided with the necessary equipment and supplies and shipped to various theatres of the war. Upon arrival they found that many of the crystal units in depot stocks were useless and much of their time was spent in opening, cleaning and grinding thousands of crystal units to new frequencies. Mr. H. J. Benedikter, who is today associated with the General Electric Crystal Manufacturing Facility,

was a member of one of the original crystal grinding teams.

At home teams of GI's and civilians were trained to examine depot stocks of crystal units and to select out useable units which were often flown immediately to a war theatre. Later some attempts were made to salvage the defective units and at least one company, The Hudson American Co., was commissioned to do so. However most of the units were enclosed in phenolic plastic holders and many others contained brass contacts, both of which were considered unsatisfactory, leaving little besides the quartz blank to be salvaged. It soon proved to be uneconomical to salvage the units and ultimately millions of the unetched units were destroyed.

It may be worthwhile to examine the ageing episode; not to assess blame or responsibility but to see if, by doing so, we might avoid a similar debacle in the future. It appears that the ageing problem resulted from three basic mistakes; each understandable and perhaps forgivable. The first was to depend so heavily on an immature technology, the second was to disperse an industry so widely that it could not be properly supervised, and the third was failure to follow up with an adequate reliability test program. The recall programs of the United States automobile industry indicates that some of these lessons may not even yet have been learned.

Post War History of the Industry

It is difficult, if not impossible, to trace the histories of all of the firms which have been engaged in the business of manufacturing quartz crystal units. Only a few firms, notably Bliley, Monitor and Valpey still operate under their original (or similar) names and can show continuity of management. Most of the companies have either disappeared or have changed names and locations so many times that to trace their records is virtually impossible. It may be of some interest to trace the history of one company; noting that it is typical of the industry.

When Grover Hunt discovered that people were willing to pay for crystal units he formed a partnership with Linwood Gagne and they began to make crystal units in a small building adjacent to Gagne's home in Carlisle. In 1935 they formed Standard Piezo Co., the first crystal company in the Carlisle area. One of their employees was Wally Samuelson. In 1940 Hunt left to form his own company, the Hunt Corp. which is today Erie Frequency Control. At the end of the war Gagne sold Standard Piezo to a group of local business people headed by John Fowler. Later it was sold to Brown Oil Co. and Luther McCoy was made Sales Manager. In 1952 McCoy left to form his own company and Standard Piezo was sold to the Hupp Corp. which, in turn, sold it in 1958 to Herman Schall and Wally Samuelson who renamed it Piezo Crystal Co. In 1963 Schall and Samuelson sold out to the Renwell Corp. who sold it to the Sunshine Mining Co. The plant was subsequently sold to a holding company, Anchor Operating, Inc., which operates it today

under the direction of Charles Jensik.

It is interesting to note that the 1980 edition of the QUARTZ CRYSTAL INDUSTRY GUIDE AND DIRECTORY states that Piezo Crystal Company was established in 1938. In a sense this is true, but it is in the same sense that an antique axe which has had several new handles and a few new heads is still the same axe.

A list of manufacturers of quartz crystal units dated 1 May 1945 includes the names of some 130 companies. One year later the number had dropped to fewer than half this number. After revival of the industry during the Korean War approximately 50 companies were engaged in the business of making crystal units. The number decreased again when the Korean War ended but has increased again in recent years.

Today the industry includes between 50 and 60 companies employing about 6500 people. It is impossible to say how many are engaged solely in the manufacture of crystal units since many of the companies also produce items such as crystal filters, TCXO's and VCXO's and in addition some of them produce only blanks while others only finish blanks.

The typical company, if it existed, would have about 100 employees including two engineers but the size of the companies varies by two orders of magnitude. The largest companies, CTS-Knights and Piezo Technology employ 580 and 515, respectively. The two smallest, American Crystal Co. and Defco employ 6 and 3 persons, respectively. Several companies have fewer than 10 employees.

The foregoing figures do not include the firms which support the crystal industry. These are more numerous than the actual crystal manufacturers and employ more people. Among the products supplied by these firms are cultured quartz, holders and bases, abrasives, chemicals, silver and gold, electronic instruments and machine tools, and supplies in an almost endless variety.

Problems of the Crystal Industry

The wartime expansion of the crystal industry came to an abrupt halt with the end of the war. Contracts were cancelled, plants were converted back to civilian production and equipment was dispersed. The number of producers dropped from 130 to below 50 in a few months. When the Korean War came in 1950, bringing with it a new requirement for crystal units it was necessary to subsidize the companies to obtain the crystal units needed by the Armed Services.

For its entire forty years the quartz crystal industry has been plagued by the feast/famine cycle. In times of military rearmament the demand has escalated only to be followed by abrupt deescalation when the crisis was over. Until only recently the civilian requirements for quartz crystal units have been small compared with military requirements in times of crisis making

continuous production impossible.

One problem in the quartz crystal business has been lack of research and development. It is true that in the decade following WW II the Armed Services did support an R & D program which yielded some useful results. A notable example is the program which led to the development of a cultured quartz industry. But for the most part the results have not been effectively utilized; partly due to the fluid nature of the industry. Outside a few large companies, notably the Hewlett Packard Corp., very little work in quartz crystal technology has been supported with industrial funds.

The field of piezoelectricity has always been, and continues to be ignored by the Schools of Electrical Engineering. Quartz crystal technology has been treated as an art, or even worse, as black magic. With the exception of the students who have received formal training at Northern Illinois University under Dr. W. E. Newell and at Colorado State University and McMurry College under Dr. Virgil E. Bottom, most of the people in the industry have learned from one another going back to the handful of men who started the industry who had, themselves, learned in the School of Experience.

Academic neglect of the field is also shown by the dearth of literature available to the newcomer. The classic work of Cady, the books of W. P. Mason and the compilation of 1942 papers by Heising include practically everything which has been published in this country. The book publishers naturally have been reluctant to make the necessary expenditures to publish books for a nonexistent clientele.

The industry has had its share of "get rich quick" entrepreneurs who jumped at the opportunity to make a quick profit during times of emergency but these have been a very small minority. Most of the men who entered the crystal industry, particularly during the war, were motivated by the challenge of a difficult job and by the desire to make a patriotic contribution as much as by the profit motive. Many continued in the business as long as they were financially able to do so; often bidding on production contracts at prices below the cost of production in order to hang on a little bit longer. They have done so at great financial sacrifice to themselves and to the detriment of the industry.

The industry has always been too small to be of interest to Wall Street and the large corporations and technically too difficult for the small entrepreneur without adequate financial backing and scientific capability. In those instances where large corporations have taken over small crystal companies the results have been almost uniformly disastrous. Generally speaking, the management of the large companies have attempted to apply the same production management techniques which work successfully in the production of most standard components; failing to recognize the great complexity of the apparently simple crystal unit. When they have found out, they

have been unable or unwilling to make the capital investments needed to put the production of crystal units on a firm financial and technical basis.

The crystal industry has experi
(Message over 64 KB, truncated)

# 4979. Re: [T-368_BC-610] 610

Yahoo group: T-368_BC-610
Date: 2012-01-13 19:43:25 UTC
From: mac
Topic: 4367  Message: 4979

Ooops! My apologies to the list, , only intended to send foregoing to Mark

Dennis D. W7QHO
Glendale, CA

On Jan 13, 2012, at 11:37 AM, mac wrote:

> Mark,
>
> Etching works better. To do this you'll need ammonium bifluouride
> (NH4F.HF). Comes in the form of white crystals which you dissolve in
> distilled water to get a saturated solution. Has to be done in
> plastic containers, of course. Didn't have much trouble finding the
> stuff on the internet a while ago but don't remember where. Great
> article on xtals attached below (long!)
>
> Dennis

and on, and on, and on..... (very interesting, though)..

[Non-text portions of this message have been removed]

# 4980. Re: [T-368_BC-610] Re: Mods

Yahoo group: T-368_BC-610
Date: 2012-01-13 19:54:25 UTC
From: Todd, KA1KAQ
Topic: 4935  Message: 4980

On Fri, Jan 13, 2012 at 1:38 PM, Bill Harris <w7kxb@...> wrote:

> **
>
>
> Can't wait till they discover the "Big Band" era. Bill-w7kxb
>
>

That happened a few years back, perhaps partly due to the movie 'Memphis Belle'. Big Band/Swing music made a big comeback as evidenced by folks like Harry Connick Jr, Michael Buble and so on. AM 740 out of Toronto has a Big Band show every Sunday night from 8-11 IIRC.

And to Mark's comments on vinyl - a recent report showed that sales of vinyl hit its highest level since the early-mid 80s, this past year. No doubt related to so many kids discovering their parents' record collections.

There is certainly hope for the future of old radios too. All we need to do is provide the avenue, or opportunity to discover the high coolness factor.

~ Todd/KAQ

[Non-text portions of this message have been removed]

# 4981. xtals

Yahoo group: T-368_BC-610
Date: 2012-01-13 21:11:59 UTC
From: Alan Morriss
Topic: 3827  Message: 4981

the trouble with chemical etching is that it is difficult to be precise. the best way is to etch it to just below the required frequency, and lap the final amount.however it is nasty stuff to handle , and very unwise to have around where there are children. if you find an xtal just a small amount below what you want lapping as i described is far easier , and takes little time. cheers, alan

[Non-text portions of this message have been removed]

# 4982. Re: [T-368_BC-610] 610

Yahoo group: T-368_BC-610
Date: 2012-01-13 21:50:29 UTC
From: Mark J. Blair
Topic: 4367  Message: 4982

On Jan 13, 2012, at 11:43 , mac wrote:
> Ooops! My apologies to the list, , only intended to send foregoing to
> Mark

Thanks for sharing that, Dennis! I suspect that others on the list will find it interesting, too.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 4983. Re: [T-368_BC-610] Mods

Yahoo group: T-368_BC-610
Date: 2012-01-13 21:59:27 UTC
From: Mark J. Blair
Topic: 4935  Message: 4983

On Jan 13, 2012, at 11:54 , Todd, KA1KAQ wrote:
> That happened a few years back, perhaps partly due to the movie 'Memphis
> Belle'. Big Band/Swing music made a big comeback as evidenced by folks like
> Harry Connick Jr, Michael Buble and so on. AM 740 out of Toronto has a Big
> Band show every Sunday night from 8-11 IIRC.

I remember that Swing comeback. Some of the resulting works were an interesting fusion of vintage big band plus other genres, such as an album that I got from the Brian Setzer Orchestra.

> And to Mark's comments on vinyl - a recent report showed that sales of
> vinyl hit its highest level since the early-mid 80s, this past year. No
> doubt related to so many kids discovering their parents' record
> collections.

Interesting! When I learned that my favorite band (a progressive metal band; y'all probably haven't heard of them and wouldn't like them) was including a vinyl pressing in the boxed set for their latest album last year, it just didn't compute. I hadn't heard of the vinyl comeback yet.

Now, if 8-track tapes come back, then I'll know that the world is about to end. I don't think there's anything good to say about 8-track tapes. :)

> There is certainly hope for the future of old radios too. All we need to do
> is provide the avenue, or opportunity to discover the high coolness factor.

On the topic of the rising interest in vintage AM at the same time as falling prices for radios, I suspect that the price dropping has a lot to do with the economy in general. My money and I are still soon parted, as the saying goes, but even I'm less prone to spend money on toys than I was when I was feeling the effects of the dot-com bubble.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 4984. Re: [T-368_BC-610] xtals

Yahoo group: T-368_BC-610
Date: 2012-01-13 22:01:44 UTC
From: mac
Topic: 3827  Message: 4984

Alan, et-al,

Well, I've done a fair amount of it both ways and prefer etching, all things considered. In the lapping process, microscopic grains of quartz become loosened that then slough off some time later while crystal is in operation thus raising the frequency slightly. This was discovered early in WW2 when large scale crystal production commenced, see the article attached to my previous e-mail. The frequency shift is small and not a big problem in Ham use when operating straight through on the fundamental frequency but IS a problem when multiplying 8X or more to get up to 2M (for ex) and I have experienced this personally with an SCR-522. Have also experienced no problems bringing a crystal up to just the frequency desired, the etching rate is relatively slow and entirely predictable with a bit of care. Also, it is difficult to move a crystal much more than a few kHz by hand lapping/grinding without suffering a loss in activity. Etching, on the other hand preserves the wafer's original, slightly convex shape and I have shifted crystals up-frequency as much as 20 kHz with no problems.

Dennis D. W7QHO (ex. DA1IN, G5BSW, WA3YXN)
Glendale, CA

**********
On Jan 13, 2012, at 1:11 PM, Alan Morriss wrote:

> the trouble with chemical etching is that it is difficult to be
> precise. the best way is to etch it to just below the required
> frequency, and lap the final amount.however it is nasty stuff to
> handle , and very unwise to have around where there are children. if
> you find an xtal just a small amount below what you want lapping as
> i described is far easier , and takes little time. cheers, alan
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 4985. Re: [T-368_BC-610] xtals

Yahoo group: T-368_BC-610
Date: 2012-01-13 22:17:57 UTC
From: rbethman
Topic: 3827  Message: 4985

It would be interesting *if* true.

Putting gauge blocks on FT-171 crystals shows NO convex shape of them at all.

The are absolutely flat.

Have used several high precision measuring tools.

N0DGN

On 1/13/2012 5:01 PM, mac wrote:
> Alan, et-al,
>
> Well, I've done a fair amount of it both ways and prefer etching, all
> things considered. In the lapping process, microscopic grains of
> quartz become loosened that then slough off some time later while
> crystal is in operation thus raising the frequency slightly. This was
> discovered early in WW2 when large scale crystal production commenced,
> see the article attached to my previous e-mail. The frequency shift
> is small and not a big problem in Ham use when operating straight
> through on the fundamental frequency but IS a problem when multiplying
> 8X or more to get up to 2M (for ex) and I have experienced this
> personally with an SCR-522. Have also experienced no problems
> bringing a crystal up to just the frequency desired, the etching rate
> is relatively slow and entirely predictable with a bit of care. Also,
> it is difficult to move a crystal much more than a few kHz by hand
> lapping/grinding without suffering a loss in activity. Etching, on
> the other hand preserves the wafer's original, slightly convex shape
> and I have shifted crystals up-frequency as much as 20 kHz with no
> problems.
>
> Dennis D. W7QHO (ex. DA1IN, G5BSW, WA3YXN)
> Glendale, CA
>
> ********************
> On Jan 13, 2012, at 1:11 PM, Alan Morriss wrote:
>
>> the trouble with chemical etching is that it is difficult to be
>> precise. the best way is to etch it to just below the required
>> frequency, and lap the final amount.however it is nasty stuff to
>> handle , and very unwise to have around where there are children. if
>> you find an xtal just a small amount below what you want lapping as
>> i described is far easier , and takes little time. cheers, alan
>>
>> [Non-text portions of this message have been removed]

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+----------------------------------------------------------------------+
| AM Amateur Radio Operator N?DGN |
+----------------------------------------------------------------------+
| http://home.comcast.net/~rbethman/ |
+----------------------------------------------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| \\ ~ ~ // signal does *NOT* mean |
| rbethman@... (// @ @ /) that everything is OK " |
+----------------------o00o---?(_)?---o00o-------------------------+

# 4986. Re: [T-368_BC-610] Re: Mods

Yahoo group: T-368_BC-610
Date: 2012-01-13 22:27:05 UTC
From: Robert Nickels
Topic: 4935  Message: 4986

On 1/13/2012 1:54 PM, Todd, KA1KAQ wrote:
>
> There is certainly hope for the future of old radios too. All we need
> to do
> is provide the avenue, or opportunity to discover the high coolness
> factor.

To that point, check out the article in this months QST about Tim Allen's new TV show "Last Man Standing", where he plays a character who's hobby is ham radio (KA?XTT) and who works for an outdoor sporting goods company. Ham radio fits into the story as a means of emergency communication, and the producer (NN6JA) not only made sure the Icom gear on the set is fully operational (there are 8 hams among the staff) but also told ARRL that he "plans to add vintage equipment to the shack in the future".

Sounds like coolness to me!

73, Bob W9RAN

# 4987. Re: [T-368_BC-610] xtals

Yahoo group: T-368_BC-610
Date: 2012-01-13 22:34:14 UTC
From: mac
Topic: 3827  Message: 4987

I'll stand by my earlier reference and the many others I've read over
the years.

Dennis D. W7QHO
Glendale, CA

**********
On Jan 13, 2012, at 2:17 PM, rbethman wrote:

> It would be interesting *if* true.
>
> Putting gauge blocks on FT-171 crystals shows NO convex shape of
> them at
> all.
>
> The are absolutely flat.
>
> Have used several high precision measuring tools.
>
> N0DGN
>
> On 1/13/2012 5:01 PM, mac wrote:
> > Alan, et-al,
> >
> > Well, I've done a fair amount of it both ways and prefer etching,
> all
> > things considered. In the lapping process, microscopic grains of
> > quartz become loosened that then slough off some time later while
> > crystal is in operation thus raising the frequency slightly. This
> was
> > discovered early in WW2 when large scale crystal production
> commenced,
> > see the article attached to my previous e-mail. The frequency shift
> > is small and not a big problem in Ham use when operating straight
> > through on the fundamental frequency but IS a problem when
> multiplying
> > 8X or more to get up to 2M (for ex) and I have experienced this
> > personally with an SCR-522. Have also experienced no problems
> > bringing a crystal up to just the frequency desired, the etching
> rate
> > is relatively slow and entirely predictable with a bit of care.
> Also,
> > it is difficult to move a crystal much more than a few kHz by hand
> > lapping/grinding without suffering a loss in activity. Etching, on
> > the other hand preserves the wafer's original, slightly convex shape
> > and I have shifted crystals up-frequency as much as 20 kHz with no

> > problems.
> >
> > Dennis D. W7QHO (ex. DA1IN, G5BSW, WA3YXN)
> > Glendale, CA
> >
> > ********************
> > On Jan 13, 2012, at 1:11 PM, Alan Morriss wrote:
> >
> >> the trouble with chemical etching is that it is difficult to be
> >> precise. the best way is to etch it to just below the required
> >> frequency, and lap the final amount.however it is nasty stuff to
> >> handle , and very unwise to have around where there are children.
> if
> >> you find an xtal just a small amount below what you want lapping as
> >> i described is far easier , and takes little time. cheers, alan
> >>
> >> [Non-text portions of this message have been removed]
> >>
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> >
> > [Non-text portions of this message have been removed]
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> > ------------------------------------
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> > Yahoo! Groups Links
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> --
> +-----------------------------------------------------------+
> | AM Amateur Radio Operator N?DGN |
> +-----------------------------------------------------------+
> | http://home.comcast.net/~rbethman/ |
> +-----------------------------------------------------------+
> | Bob Bethman \\\|/// " The absence of a danger |
> | \\ ~ ~ // signal does *NOT* mean |
> | rbethman@comcast.net (/ @ @ /) that everything is OK " |
> +----------------------o00o---?(_)?---o00o-------------------------+
>
>

[Non-text portions of this message have been removed]

# 4988. Re: [T-368_BC-610] xtals

Yahoo group: T-368_BC-610
Date: 2012-01-13 22:52:46 UTC
From: rbethman
Topic: 3827  Message: 4988

Try some ACTUAL measurements of the FT-171 series made for BC-610s.

*THEN* come talk with ACTUAL knowledge in hand.

Not simply antiquated "references".

Significant reality differences between reality and papers.

Just re-checked eight different FT-171s. NO convex shape to the flat side.

Only noticeable shape other than flat, are the edges. They are tapered
very slightly.

N0DGN

On 1/13/2012 5:34 PM, mac wrote:
> I'll stand by my earlier reference and the many others I've read over
> the years.
>
> Dennis D. W7QHO
> Glendale, CA
>
> **********
> On Jan 13, 2012, at 2:17 PM, rbethman wrote:
>
>> It would be interesting *if* true.
>>
>> Putting gauge blocks on FT-171 crystals shows NO convex shape of
>> them at
>> all.
>>
>> The are absolutely flat.
>>
>> Have used several high precision measuring tools.
>>
>> N0DGN
>>
>> On 1/13/2012 5:01 PM, mac wrote:
>>> Alan, et-al,
>>>
>>> Well, I've done a fair amount of it both ways and prefer etching,
>> all
>>> things considered. In the lapping process, microscopic grains of
>>> quartz become loosened that then slough off some time later while
>>> crystal is in operation thus raising the frequency slightly. This
>> was
>>> discovered early in WW2 when large scale crystal production

>> commenced,
>>> see the article attached to my previous e-mail. The frequency shift
>>> is small and not a big problem in Ham use when operating straight
>>> through on the fundamental frequency but IS a problem when
>> multiplying
>>> 8X or more to get up to 2M (for ex) and I have experienced this
>>> personally with an SCR-522. Have also experienced no problems
>>> bringing a crystal up to just the frequency desired, the etching
>> rate
>>> is relatively slow and entirely predictable with a bit of care.
>> Also,
>>> it is difficult to move a crystal much more than a few kHz by hand
>>> lapping/grinding without suffering a loss in activity. Etching, on
>>> the other hand preserves the wafer's original, slightly convex shape
>>> and I have shifted crystals up-frequency as much as 20 kHz with no
>>> problems.
>>>
>>> Dennis D. W7QHO (ex. DA1IN, G5BSW, WA3YXN)
>>> Glendale, CA
>>>
>>> ********************
>>> On Jan 13, 2012, at 1:11 PM, Alan Morriss wrote:
>>>
>>>> the trouble with chemical etching is that it is difficult to be
>>>> precise. the best way is to etch it to just below the required
>>>> frequency, and lap the final amount.however it is nasty stuff to
>>>> handle , and very unwise to have around where there are children.
>> if
>>>> you find an xtal just a small amount below what you want lapping as
>>>> i described is far easier , and takes little time. cheers, alan
>>>>
>>>> [Non-text portions of this message have been removed]
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>>> [Non-text portions of this message have been removed]
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>>> Yahoo! Groups Links
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>> --
>> +------------------------------------------------------------+
>> | AM Amateur Radio Operator N?DGN |
>> +------------------------------------------------------------+

```
>> | http://home.comcast.net/~rbethman/ |
>> +-----------------------------------------------------------+
>> | Bob Bethman \\\|/// " The absence of a danger |
>> | \\ ~ ~ // signal does *NOT* mean |
>> | rbethman@... (/ @ @ /) that everything is OK " |
>> +----------------------o00o---?(_)?---o00o-------------------------+
>>
>>
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>
> [Non-text portions of this message have been removed]
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> ------------------------------------
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> Yahoo! Groups Links
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+-------------------------------------------------------------------+
| AM Amateur Radio Operator N?DGN |
+-------------------------------------------------------------------+
| http://home.comcast.net/~rbethman/ |
+-------------------------------------------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| \\ ~ ~ // signal does *NOT* mean |
| rbethman@... (/ @ @ /) that everything is OK " |
+----------------------o00o---?(_)?---o00o-------------------------+
```

# 4989. Re: [T-368_BC-610] BC-610 Db meter ID

Yahoo group: T-368_BC-610
Date: 2012-01-13 14:47:58 UTC
From: James M. Walker
Topic: 4907  Message: 4989

Ah,
As a clarification, I have the BC-614 in these "flavors",
Plain model Round meter, H model round meter, I model
Square and last but NOT least a plain model that has a "Line Meter"
it is square as well!
YMMV
Jim
WB2FCN
"Real radios weigh 600 Lbs. and are "Portable" Yeah!!!"

----- Original Message -----
From: "Geoff" <w5omr@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Saturday, January 07, 2012 9:08 PM
Subject: Re: [T-368_BC-610] BC-610 Db meter ID

> On 1/7/2012 7:54 PM, rbethman wrote:
>> There is no Db meter on the BC-610s.
>>
>> There is filament voltage, PA mA, and mA for exciter. This is on the
>> BC-610 itself.
>>
>> There is a square meter on the Speech Amplifier, it also reads mA for
>> modulation and to set the Audio resting current at 40mA.
>>
>> N0DGN
>
> Square, Bob?
>
> Not to pick nits, but as late as the I model, the meter on the BC-614 is
> round.
>
> My E model had a round meter on it, but in some pictures, there -is- a
> Square meter. (D) model, I believe
>
> http://128.205.126.49/BC-614.html
>
> -Geoff/W5OMR
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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>

# 4990. RE: [T-368_BC-610] Mods

Yahoo group: T-368_BC-610
Date: 2012-01-14 02:14:47 UTC
From: Bill Harris
Topic: 4935  Message: 4990

Falling prices? Have you checked ebay's going prices for gear lately. Collins kwm2's over $1200...75S1...$600+Prices started to raise about three months ago. Same with some military gear.Bill-w7kxb

To: T-368_BC-610@yahoogroups.com
From: nf6x@...
Date: Fri, 13 Jan 2012 13:59:27 -0800
Subject: Re: [T-368_BC-610] Mods

On Jan 13, 2012, at 11:54 , Todd, KA1KAQ wrote:

On the topic of the rising interest in vintage AM at the same time as falling prices for radios, I suspect that the price dropping has a lot to do with the economy in general. My money and I are still soon parted, as the saying goes, but even I'm less prone to spend money on toys than I was when I was feeling the effects of the dot-com bubble.

--

Mark J. Blair, NF6X <nf6x@...>

http://www.nf6x.net/

[Non-text portions of this message have been removed]

# 4991. Re: [T-368_BC-610] Re: Mods

Yahoo group: T-368_BC-610
Date: 2012-01-14 04:17:37 UTC
From: Todd, KA1KAQ
Topic: 4935  Message: 4991

On Fri, Jan 13, 2012 at 5:27 PM, Robert Nickels <ranickel@...> wrote:

> To that point, check out the article in this months QST about Tim Allen's
> new TV show "Last Man Standing", where he plays a character who's hobby is
> ham radio (KAØXTT) and who works for an outdoor sporting goods company.
> Ham radio fits into the story as a means of emergency communication, and the
> producer (NN6JA) not only made sure the Icom gear on the set is fully
> operational (there are 8 hams among the staff) but also told ARRL that he
> "plans to add vintage equipment to the shack in the future".
>
> Sounds like coolness to me!

Indeed! Any interest going forward is a plus. As with now, many folks prefer the newer technology, but I'd bet the hands-on types with be drawn to the older equipment. When I got interested, the FT-101 was the big deal rig of the day. I actually had one as my first rig simply because the price was right, but I later moved to a KWM-2A that was ten years older and worked ten times better, it seemed. From that point there was no end to the cool rigs waiting to find homes. So for me, even though there was a lot of 'better' aka newer technology out there, I was drawn to the old stuff. So it does work.

Thanks for posting this, Bob. I'd heard about its use in the show, but wasn't aware that there were several hams on staff!

~ Todd/KAQ

# 4992. Re: [T-368_BC-610] Mods

Yahoo group: T-368_BC-610
Date: 2012-01-14 04:35:05 UTC
From: Todd, KA1KAQ
Topic: 4935  Message: 4992

On Fri, Jan 13, 2012 at 9:14 PM, Bill Harris <w7kxb@...> wrote:
>
> Falling prices?  Have you checked ebay's going prices for gear lately.  Collins kwm2's over $1200...75S1...$600+Prices started to raise about three months ago.  Same with some military gear.

Well, as I said - prices are still higher than they were 15 years ago when the 'net took off and ebay kicked in, and prime examples still bring a lot of money. But for every KWM2 you can show me over $1K, I can show you half dozen or more well under. Generally $400-$800. The hallowed SX-88 that brought $10K at its zenith has dropped considerably, too. Last time I checked QTH, there were 2 on there for $2K or so that hadn't sold. One was in pretty nice shape, the other wasn't too bad. Both would've easily brought double or more a few years back.

I've never considered ebay to be 'market' price anyway, generally more of a top-dollar/bigger audience opportunity. Prices are down at hamfests too. Reasonably priced stuff sells, ebay priced gear gets taken back home. I had a Harvey Wells TBS-50D for sale at a big fest last fall for $175, including the original power supply *and* original manual. I've seen the manuals bring $35 or more on ebay previously, the power supply $125+, and the transmitter $100-$250. I couldn't even get an offer, and it's a pretty clean unit overall. I'll try again at Frostfest in a few weeks.

Even T-368s are down from 4-5 years back. They are routinely for sale in the $600-$900 range lately, not the $1.5K-$3K they brought back then. I've seen a couple go unsold on ebay because the opening bid was $1K or more.

Though I do understand that left coast prices tend to be a bit higher than back east. That's probably always been the case.

~ Todd/KAQ

# 4993. xtals

Yahoo group: T-368_BC-610
Date: 2012-01-14 14:28:55 UTC
From: Alan Morriss
Topic: 3827  Message: 4993

hello , xtals again. i used to get FT243 ones from someone over your side. unfortunately he has since died. he would grind them order. they were jolly good. i told him about my 100% failure rate with xtals up then , and he gave me some tips. since then it has been 100% success . he was the one who told me about lapping the last little bit .if you have ones not all that far below it is easy to lap. No need for dangerous chemicals. but i would not like lap say a couple of hunded khz. alan

[Non-text portions of this message have been removed]

# 4994. Re: [T-368_BC-610] Mods

Yahoo group: T-368_BC-610
Date: 2012-01-14 17:44:28 UTC
From: Todd, KA1KAQ
Topic: 4935  Message: 4994

On Fri, Jan 13, 2012 at 4:59 PM, Mark J. Blair <nf6x@...> wrote:

> **
> I remember that Swing comeback. Some of the resulting works were an
> interesting fusion of vintage big band plus other genres, such as an album
> that I got from the Brian Setzer Orchestra.
>

He's been at it for quite a few years now, still sporting his '50s DA ala Stray Cats. He used to have a yearly televised Christmas special, too.

> Interesting! When I learned that my favorite band (a progressive metal
> band; y'all probably haven't heard of them and wouldn't like them) was
> including a vinyl pressing in the boxed set for their latest album last
> year, it just didn't compute. I hadn't heard of the vinyl comeback yet.
>
Not sure if I'd classify it as a comeback yet, but certainly a lot more activity than in recent decades. Some of the platters available are astounding, multiple $K price tags that make our T-368s look like chump change.

> Now, if 8-track tapes come back, then I'll know that the world is about to
> end. I don't think there's anything good to say about 8-track tapes. :)
>
I spent a decade plus in gov't work involving mainframes, and was amazed when, back in the 90s, I strolled into a data center to find IBM 3480 & 3490 tape drives using what outwardly appeared to be a heavy duty 8-Track tape. Very similar design at least outwardly, still in use in later generations. Scary!

> On the topic of the rising interest in vintage AM at the same time as
> falling prices for radios, I suspect that the price dropping has a lot to
> do with the economy in general. My money and I are still soon parted, as
> the saying goes, but even I'm less prone to spend money on toys than I was
> when I was feeling the effects of the dot-com bubble.
>
This clearly plays a role as well, less disposable cash on hand for toys. That combined with having accumulated so many projects in the last 20 years has put a screeching halt to my buying anything else unless it's a piece needed for the ARC-5, RAX, or other station projects. I'm focused more now on spares and items needed to finish what I have now, including the T-3. Still need to find the side chart pocket, the shock mount base, and a few other items to round it out. Finally got it making RF last April, so it should be back online as soon as I find time to deal with the flaky/jumpy PTO. The old maxim of too many projects, not enough time still applies.

Putting them back on the air plays a big part in giving others the opportunity to hear the fine signals this 'obsolete' gear can make, of course.

~ Todd, KA1KAQ/4

[Non-text portions of this message have been removed]

# 4995. FS: More HAM Accessories

Yahoo group: T-368_BC-610
Date: 2012-01-14 18:47:10 UTC
From: Bry Carling
Topic: 4995  Message: 4995

FOR SALE:

MFJ-812 VHF Wattmeter / SWR meter.
This is the worlds most popular and most affordable VHF SWR/Wattmeter.
It has a built-in Field strength Meter. Covers 144 and 220 MHz.
Read forward and reflected power in 2 ranges - 30 or 300 Watts. Reads SWR from
144 thru 220Mhz. Also reads relative field strength from 1 to 220 MHz. Has binding
post for field strength antenna. Measures 4.5 x 2.25 x 3 inches. Eggshell White.
Excellent appearance and in working condition.
Available for $24.00 plus shipping
(photo available)

RL DRAKE Low Pass Filter model TV1000LP rated for 1000 Watts up to 30 MHz, 52 Ohms.
Has the two standard SO-239 connectors for attaching coaxial cables. These typically go
for around $35.00 on eBay.
Available for $20.00 plus shipping
(photo available)

[Non-text portions of this message have been removed]

# 4996. FS: Panel Meters

Yahoo group: T-368_BC-610
Date: 2012-01-14 20:39:58 UTC
From: Bry Carling
Topic: 4996  Message: 4996

FOR SALE: Panel Meters - all in excellent condition except as noted.

Simpson Square Panel Meter model 37, 0 - 1 Amperes "radio frequency" .
Three inches square with traditional rounded corners.
QTY 1 available for $10.00 plus shipping.

Jewell Electrical round panel meter Pattern No. 66 for 0 - 1 Amperes "radio frequency."
Thermocouple type. Round 3.25" diameter for 2-1/2" hole.
QTY 1 available for $10.00 plus shipping.

Weston Electrical Instrument Model 425 for 0 - 5 Amperes RF.
Round panel meter with 3.5" diameter and uses a 2.75" diameter hole.
Since the outer case has a crack in it, the price is set
accordingly. Seems to still work fine though.
QTY 1 available for $3.00 plus shipping.

General Electric 0 - 50 mA DC meter, 3" X 3-1/8" square type with rounded corners.
QTY 1 available for $10.00 plus shipping.

Jewell Electrical panel meter Pattern No. 53. 0 - 10V DC. Round 3.25" diameter for 2-1/2"
hole.
QTY 1 available for $6.00 plus shipping.

General Electric Elapsed Time Meter for 120V AC. Reads Hours on a 0 -99999 scale.
Has already had 192 hours usage. This is a round panel meter - 3.5" diameter.
Uses a 3" hole. Since the outer ring of the case has a chip out of it, the price is set
accordingly.
QTY 1 available for $3.00 plus shipping.

Weston Electrical Instrument Model 301 Voltmeter, with scales for 0 - 140V and
0 - 7V DC
QTY 1 available for $5.00 plus shipping.

Weston Electrical Instrument Model 478 round panel meter for 0 - 5V AC.
with 3.5" diameter and uses a 2.75" diameter hole.
QTY 1 available for $8.00 plus shipping.

Triplett Model 321 round panel meter for 100 - 0 - 100 microAmperes DC, dual polarity.
Has center zero. 3.25" diameter for 2.75" hole.
QTY 1 available for $10.00 plus shipping.

Weston Electrical Instrument - Model 476 round panel meter- rear mount, no flange.
Scales for 0 - 60V and 0 - 120V AC. Has 2.75" outer diameter and 2.5" inside diameter.
QTY 1 available for $8.00 plus shipping.

Jewell Electrical panel meter Pattern No. 70. Round panel meter for 0 - 15V AC.
3.25" diameter for 2-1/2" hole.
QTY 1 available for $6.00 plus shipping.

This next one is a beauty - WESTERN ELECTRIC 0 - 1mA, MODEL ADK84 with scales for:
P.A. Plate 0 - 200 mA segmented as CW in the 80-120mA range and MCW in the 120 - 200 mA range. Also has a scale in the center for P.A. Grid and Battery.
Has 2.75" diameter and uses a 2.25" diameter hole.
QTY 1 available for $15.00 plus shipping.

Jewell Electrical Company dual scale meter for 0 - 12V DC and 0 - 120V DC.
3.75" diameter for 3" hole. The case looks fine but has a small chip out of the glass, and the so price is set accordingly.
QTY 1 available for $3.00 plus shipping.

Combine to save on shipping. Thanks for looking.

73 de AF4K, Bry

[Non-text portions of this message have been removed]

# 4997. FS: Pair of EIMAC 4-125A Tubes

Yahoo group: T-368_BC-610
Date: 2012-01-15 04:04:30 UTC
From: Bill Cotter
Topic: 4997  Message: 4997

FYI:

>From: "Bry Carling" <bcarling@...>
>To: boatanchors@...,
>Date: Sat, 14 Jan 2012 21:48:51 -0500
>Subject: [DCboatanchors] FS: Pair of EIMAC 4-125A Tubes
>
>FOR SALE: Pair of EIMAC 4-125A Tubes
>
>A pair of these will typically produce 300 - 400 watts output when
>used with a 2500V plate
>supply. These are good, used / tested tubes. They come in
>original EIMAC boxes and
>have plenty of life left in them.
>
>I will sell these for $20.00 each plus shipping
>
>73 - Brian, AF4K

# 4998. FS: 807 Tubes

Yahoo group: T-368_BC-610
Date: 2012-01-16 12:34:50 UTC
From: Bry Carling
Topic: 4998  Message: 4998

FOR SALE: 807 Tubes etc.

Standard shoulder style 807 tubes - most of these are used, tested good tubes.
Some may be new but are unboxed. One NOS, boxed.

QTY 4 - 807 Raytheon Holland $10.00 each plus shipping

QTY 1 - National 807 - $10.00 plus shipping

QTY 2 - General Electric 807 - $10.00 plus shipping

QTY 1 - RCA 807 - $10.00 plus shipping

QTY 1 - CBS 807 - $10.00 plus shipping

QTY 1 No name 807 - $8.00 plus shipping

QTY 9 - Type 5933 / 807W ruggedized tubes.
Available for $10.00 each plus shipping

QTY 1 - New in BOX JAN/General Electric 807 - $15.00 plus shipping
QTY 3 - RCA VT-136 / 1625 Tube for $6.00 each plus shipping
QTY 1 - National VT-136 / 1625 Tube for $5.00 plus shipping

Shipping additional on all the above.

Thanks for looking and 73 - Brian Carling, AF4K

[Non-text portions of this message have been removed]

# 4999. FS: Antique NOS, 4-pin tube sockets etc. etc.

Yahoo group: T-368_BC-610
Date: 2012-01-18 22:54:45 UTC
From: Bry Carling
Topic: 4999  Message: 4999

FOR SALE: New Old Stock (NOS) tube sockets and a nice MIC cable

Single large, flat contact, Ceramic 4 pin socket NOS.
Outer diameter abt 3.5" with metal bayonet for approx 1.75" diameter tube base.
Presumably for 211 type tubes, best that I remember.
QTY 2 NOS sockets available... picture here:
http://www.af4k.com/imag/ham/Single_4pin_socket.jpg
Will sell for $6.00 plus shipping

Pair of large, flat contact, ceramic 4 pin sockets NOS.
Outer diameter abt 3.5" with metal bayonet for 1.75" diameter tube base.
Presumably for 211 type tubes, best that I remember.
QTY 2 NOS sockets available... picture here:
http://www.af4k.com/imag/ham/Two_ceramic_4pin_sockets.jpg
Will sell the pair for $12.00 plus shipping

Single Ceramic Bayonet Socket, NOS, smaller. BIRNBACH No. 435.
Outer diameter 2.5" with metal bayonet for approx 1.25" diameter tube base.
QTY 1 NOS socket available... (two more of the same below) picture here:
http://www.af4k.com/imag/ham/Single_ceramic_bayonet.jpg
Will sell for $6.00 plus shipping

Pair of Ceramic Bayonet Sockets by NATIONAL CO. (NC logo), NOS.
Outer diameter 2.5" with metal bayonet for approx 1.25" diameter tube base.
QTY 1 NOS socket available... (same size as single one above) picture here:
http://www.af4k.com/imag/ham/Two_ceramic_bayonet_sockets.jpg
Will sell for $6.00 plus shipping

Group of FIVE NOS Bakelite, 4-pin Tube sockets - unused.
These are all made for 4-pin sube sin various styles. Two have bayonet
fittings, the other three do not. These are great for breadboard construction or
for repairing antique radios.
Picture here:
http://www.af4k.com/imag/ham/4-pin_Tube_Sockets.jpg
Will sell all five as a group for $15.00 plus shipping

Microphone Cable assembly for older ham transmitters - with classy, in-line Binding
post/Banana jack connector. Shielded cable is 36 inches long. Looks new. See
pictures here:
http://www.af4k.com/imag/ham/cable1.jpg
http://www.af4k.com/imag/ham/cable2.jpg
Available for $5.00 plus shipping

Antique Dual Bakelite connector assembly NOS. Dimensions 2-7/8" X 2-5/8"
Has two 4-pin receptacles, and one plug. Mounting holes. Model 14213-6 unused.
Photo here:
http://www.af4k.com/imag/ham/dual_socket.jpg

QTY 1 available for $5.00 plus shipping

QTY 1 James Millen Co. type 37303 ceramic 3-way terminal strip. For connecting external wiring.
Lightly used and in excellent condition. Dimensions 2.25" X 0.5" - there is nothing quite like
these for a professional finish to any receiver or transmitter.
Photo here:
http://www.af4k.com/imag/ham/millen_strip.jpg
QTY 1 available for $5.00 plus shipping

QTY 1 - Right Angle Drive assembly. Military Surplus type MC-203-A Dual 90 degree, 3-way, antique drive assembly, with small gears inside.
Black wrinkle finish. Looks like 3 type N connectors but if you look inside there are gears.
NOS. Base dimensions 2.5" X 2" and the connectors each protrude 9/16"
Has two 3 threaded receptacles, and has four mounting holes. New and unused. Also stamped AC58139 underneath. Does anyone know what equipment this is from?!
Photo here:
http://www.af4k.com/imag/ham/MC-203-A.jpg
QTY 1 available for $4.00 plus shipping

I still have just a few 807 tubes left if anybody needs them.

73 & thanks for looking - Bry, AF4K

[Non-text portions of this message have been removed]

# 5000. Re: [T-368_BC-610] BC-610 Db meter ID

Yahoo group: T-368_BC-610
Date: 2012-01-14 01:53:42 UTC
From: Tom Chirhart
Topic: 4907  Message: 5000

Guys, I just pasted a photo into this email using my iPad to see it it goes through. This is a photo of the meter I have and mentioned. I have no idea what equipment it came from. The lower glass isn't flat across the bottom like most Hallicrafters meters, it has the raised center and only raised lines on either side of the adjustment screw.
73
Tom K4NCG

Sent from my iPad

On Jan 13, 2012, at 9:47 AM, "James M. Walker" <chejmw@...> wrote:

> Ah,
> As a clarification, I have the BC-614 in these "flavors",
> Plain model Round meter, H model round meter, I model
> Square and last but NOT least a plain model that has a "Line Meter"
> it is square as well!
> YMMV
> Jim
> WB2FCN
> "Real radios weigh 600 Lbs. and are "Portable" Yeah!!!"
>
> ----- Original Message -----
> From: "Geoff" <w5omr@...>
> To: <T-368_BC-610@yahoogroups.com>
> Sent: Saturday, January 07, 2012 9:08 PM
> Subject: Re: [T-368_BC-610] BC-610 Db meter ID
>
> > On 1/7/2012 7:54 PM, rbethman wrote:
> >> There is no Db meter on the BC-610s.
> >>
> >> There is filament voltage, PA mA, and mA for exciter. This is on the
> >> BC-610 itself.
> >>
> >> There is a square meter on the Speech Amplifier, it also reads mA for
> >> modulation and to set the Audio resting current at 40mA.
> >>
> >> N0DGN
> > >
> > > Square, Bob?
> > >
> > > Not to pick nits, but as late as the I model, the meter on the BC-614 is
> > > round.
> > >
> > > My E model had a round meter on it, but in some pictures, there -is- a
> > > Square meter. (D) model, I believe
> > >

> > http://128.205.126.49/BC-614.html
> >
> > -Geoff/W5OMR
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
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> >
> >
> >
>
>

[Non-text portions of this message have been removed]

# 5001. Re: [T-368_BC-610] BC-610 Db meter ID

Yahoo group: T-368_BC-610
Date: 2012-01-17 01:22:37 UTC
From: Geoff
Topic: 4907  Message: 5001

how wonderful it must be, to have such unparalleled piety.

On 1/13/2012 7:55 AM, rbethman wrote:
> Yes, SQUARE! I have one on a BC-614-E.
>
> The one on the BC-614-I is indeed round.
>
> Your experience is limited.
>
> N0DGN
>
> On 1/7/2012 9:08 PM, Geoff wrote:
>>
>> Square, Bob?
>>
>> Not to pick nits, but as late as the I model, the meter on the BC-614 is
>> round.
>>
>> My E model had a round meter on it, but in some pictures, there -is- a
>> Square meter. (D) model, I believe
>>
>> http://128.205.126.49/BC-614.html
>>

# 5002. Re: [T-368_BC-610] BC-610 Db meter ID

Yahoo group: T-368_BC-610
Date: 2012-01-19 20:10:54 UTC
From: rbethman
Topic: 4907  Message: 5002

Tom,

You would have to post the pic to the files area.

Attachments get stripped.

Bob - N0DGN

On 1/13/2012 8:53 PM, Tom Chirhart wrote:
>
> Guys, I just pasted a photo into this email using my iPad to see it it
> goes through. This is a photo of the meter I have and mentioned. I
> have no idea what equipment it came from. The lower glass isn't flat
> across the bottom like most Hallicrafters meters, it has the raised
> center and only raised lines on either side of the adjustment screw.
> 73
> Tom K4NCG
>
> Sent from my iPad
>
> On Jan 13, 2012, at 9:47 AM, "James M. Walker" <chejmw@buffalo.edu
> <mailto:chejmw%40buffalo.edu>> wrote:
>
> > Ah,
> > As a clarification, I have the BC-614 in these "flavors",
> > Plain model Round meter, H model round meter, I model
> > Square and last but NOT least a plain model that has a "Line Meter"
> > it is square as well!
> > YMMV
> > Jim
> > WB2FCN
> > "Real radios weigh 600 Lbs. and are "Portable" Yeah!!!"
> >
> > ----- Original Message -----
> > From: "Geoff" <w5omr@... <mailto:w5omr%40att.net>>
> > To: <T-368_BC-610@yahoogroups.com
> <mailto:T-368_BC-610%40yahoogroups.com>>
> > Sent: Saturday, January 07, 2012 9:08 PM
> > Subject: Re: [T-368_BC-610] BC-610 Db meter ID
> >
> > > On 1/7/2012 7:54 PM, rbethman wrote:
> > >> There is no Db meter on the BC-610s.
> > >>
> > >> There is filament voltage, PA mA, and mA for exciter. This is on the
> > >> BC-610 itself.
> > >>

> > >> There is a square meter on the Speech Amplifier, it also reads mA for
> > >> modulation and to set the Audio resting current at 40mA.
> > >>
> > >> N0DGN
> > >
> > > Square, Bob?
> > >
> > > Not to pick nits, but as late as the I model, the meter on the
> BC-614 is
> > > round.
> > >
> > > My E model had a round meter on it, but in some pictures, there
> -is- a
> > > Square meter. (D) model, I believe
> > >
> > > http://128.205.126.49/BC-614.html
> > >
> > > -Geoff/W5OMR
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > Yahoo! Groups Links
> > >
> > >
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> >
> >
>
> [Non-text portions of this message have been removed]
>
>

--
+---------------------------------------------------------------------+
| AM Amateur Radio Operator NØDGN |
+---------------------------------------------------------------------+
| http://home.comcast.net/~rbethman/ |
+---------------------------------------------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| \\ ~ ~ // signal does *NOT* mean |
| rbethman@comcast.net (/ @ @ /) that everything is OK " |
+----------------------o00o---°(_)°---o00o-------------------------+

[Non-text portions of this message have been removed]

# 5003. RE: [T-368_BC-610] BC-610 Db meter ID

Yahoo group: T-368_BC-610
Date: 2012-01-20 11:14:54 UTC
From: Gary H. Harmon, Jr.
Topic: 4907  Message: 5003

Tom, you can't post attachments. You have to put them in the files portion of the group.

Gary H. Harmon, Jr. - K5JWK

6003 Archwood

San Antonio, TX 78239-1504

210.657.1549h / 210.884.6926c

"Too many projects, not enough time".

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Tom Chirhart
Sent: Friday, January 13, 2012 7:54 PM
To: T-368_BC-610@yahoogroups.com
Cc: <T-368_BC-610@yahoogroups.com>
Subject: Re: [T-368_BC-610] BC-610 Db meter ID

Guys, I just pasted a photo into this email using my iPad to see it it goes through. This is a photo of the meter I have and mentioned. I have no idea what equipment it came from. The lower glass isn't flat across the bottom like most Hallicrafters meters, it has the raised center and only raised lines on either side of the adjustment screw.
73
Tom K4NCG

Sent from my iPad

On Jan 13, 2012, at 9:47 AM, "James M. Walker" <chejmw@... <mailto:chejmw%40buffalo.edu> > wrote:

> Ah,
> As a clarification, I have the BC-614 in these "flavors",
> Plain model Round meter, H model round meter, I model
> Square and last but NOT least a plain model that has a "Line Meter"
> it is square as well!
> YMMV
> Jim
> WB2FCN
> "Real radios weigh 600 Lbs. and are "Portable" Yeah!!!"
>
> ----- Original Message -----
> From: "Geoff" <w5omr@...t <mailto:w5omr%40att.net> >
> To: <T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com> >
> Sent: Saturday, January 07, 2012 9:08 PM
> Subject: Re: [T-368_BC-610] BC-610 Db meter ID
>

> > On 1/7/2012 7:54 PM, rbethman wrote:
> >> There is no Db meter on the BC-610s.
> >>
> >> There is filament voltage, PA mA, and mA for exciter. This is on the
> >> BC-610 itself.
> >>
> >> There is a square meter on the Speech Amplifier, it also reads mA for
> >> modulation and to set the Audio resting current at 40mA.
> >>
> >> N0DGN
> >
> > Square, Bob?
> >
> > Not to pick nits, but as late as the I model, the meter on the BC-614 is
> > round.
> >
> > My E model had a round meter on it, but in some pictures, there -is- a
> > Square meter. (D) model, I believe
> >
> > http://128.205.126.49/BC-614.html
> >
> > -Geoff/W5OMR
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
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>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5004. Re: [T-368_BC-610] BC-610 Db meter ID

Yahoo group: T-368_BC-610
Date: 2012-01-19 20:26:07 UTC
From: Thomas Chirhart
Topic: 4907  Message: 5004

Bob I will send a photo to the moderator. I sent an email to Chuck Dachis along with a photo. He wrote back stating the the meter case was identical to the meters on his HT-4B and that it may be from a HT5-B speech amp. He did say it was rather unique.
73
Tom
Sent from my iPhone

On Jan 19, 2012, at 3:10 PM, rbethman <rbethman@...> wrote:

> Tom,
>
> You would have to post the pic to the files area.
>
> Attachments get stripped.
>
> Bob - N0DGN
>
> On 1/13/2012 8:53 PM, Tom Chirhart wrote:
> >
> > Guys, I just pasted a photo into this email using my iPad to see it it
> > goes through. This is a photo of the meter I have and mentioned. I
> > have no idea what equipment it came from. The lower glass isn't flat
> > across the bottom like most Hallicrafters meters, it has the raised
> > center and only raised lines on either side of the adjustment screw.
> > 73
> > Tom K4NCG
> >
> > Sent from my iPad
> >
> > On Jan 13, 2012, at 9:47 AM, "James M. Walker" <chejmw@...
> > <mailto:chejmw%40buffalo.edu>> wrote:
> >
> > > Ah,
> > > As a clarification, I have the BC-614 in these "flavors",
> > > Plain model Round meter, H model round meter, I model
> > > Square and last but NOT least a plain model that has a "Line Meter"
> > > it is square as well!
> > > YMMV
> > > Jim
> > > WB2FCN
> > > "Real radios weigh 600 Lbs. and are "Portable" Yeah!!!"
> > >
> > > ----- Original Message -----
> > > From: "Geoff" <w5omr@... <mailto:w5omr%40att.net>>
> > > To: <T-368_BC-610@yahoogroups.com

> > <mailto:T-368_BC-610%40yahoogroups.com>>
> > > Sent: Saturday, January 07, 2012 9:08 PM
> > > Subject: Re: [T-368_BC-610] BC-610 Db meter ID
> > >
> > > > On 1/7/2012 7:54 PM, rbethman wrote:
> > > >> There is no Db meter on the BC-610s.
> > > >>
> > > >> There is filament voltage, PA mA, and mA for exciter. This is on the
> > > >> BC-610 itself.
> > > >>
> > > >> There is a square meter on the Speech Amplifier, it also reads mA for
> > > >> modulation and to set the Audio resting current at 40mA.
> > > >>
> > > >> N0DGN
> > > >
> > > > Square, Bob?
> > > >
> > > > Not to pick nits, but as late as the I model, the meter on the
> > BC-614 is
> > > > round.
> > > >
> > > > My E model had a round meter on it, but in some pictures, there
> > -is- a
> > > > Square meter. (D) model, I believe
> > > >
> > > > http://128.205.126.49/BC-614.html
> > > >
> > > > -Geoff/W5OMR
> > > >
> > > >
> > > >
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> > > >
> > > > Yahoo! Groups Links
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> > > >
> > > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> >
> > --
> > +-----------------------------------------------------------+
> > | AM Amateur Radio Operator NØDGN |
> > +-----------------------------------------------------------+

> | http://home.comcast.net/~rbethman/ |
> +-----------------------------------------------------------+
> | Bob Bethman \\\|/// " The absence of a danger |
> | \\ ~ ~ // signal does *NOT* mean |
> | rbethman@... (/ @ @ /) that everything is OK " |
> +----------------------o00o---°(_)°---o00o-------------------------+
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 5005. Re: [T-368_BC-610] BC-610 Db meter ID

Yahoo group: T-368_BC-610
Date: 2012-01-20 23:58:55 UTC
From: wa5cab@cs.com
Topic: 4907  Message: 5005

Or the photos section, which has far more space available.

In a message dated 01/20/2012 17:41:12 PM Central Standard Time,
gharmon@... writes:
> Tom, you can't post attachments. You have to put them in the files
> portion of the group.
>
>
>
> Gary H. Harmon, Jr. - K5JWK
>
> 6003 Archwood
>
> San Antonio, TX 78239-1504
>
> 210.657.1549h / 210.884.6926c
>
>
>
> "Too many projects, not enough time".
>
>
>
>
>
>
> From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
> On Behalf Of Tom Chirhart
> Sent: Friday, January 13, 2012 7:54 PM
> To: T-368_BC-610@yahoogroups.com
> Cc: <T-368_BC-610@yahoogroups.com>
> Subject: Re: [T-368_BC-610] BC-610 Db meter ID
>
>
>
>
>
>
> Guys, I just pasted a photo into this email using my iPad to see it it
> goes through. This is a photo of the meter I have and mentioned. I have no
> idea what equipment it came from. The lower glass isn't flat across the bottom
> like most Hallicrafters meters, it has the raised center and only raised
> lines on either side of the adjustment screw.
> 73
> Tom K4NCG
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 5006. Re: BC-610 Db meter ID

Yahoo group: T-368_BC-610
Date: 2012-01-21 07:29:19 UTC
From: Roger Basford
Topic: 4907  Message: 5006

Hi All,

I have a manual here for the "Radio Transmitting Set Type EP 134", which I think is a (just) pre-WWII manual for the commercial version of the HT-4, sold as a complete station with an SX-28. It covers the HT-4B, HT-5B and the AT-2, frequency coverage of the EP 134 is 2-8 Mc. There is a clear photo of the HT-5B Speech Amplifier and the meter is calibrated in dBs, the circuit diagram shows the meter as being across the secondary of the AF output transformer in series with a factory-sealed pot. I can scan this image if required.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, Thomas Chirhart <k4ncgVA@...> wrote:
>
> Bob I will send a photo to the moderator. I sent an email to Chuck Dachis along with a photo. He wrote back stating the the meter case was identical to the meters on his HT-4B and that it may be from a HT5-B speech amp. He did say it was rather unique.
> 73
> Tom
> Sent from my iPhone
>

# 5007. Re: BC-610 Db meter ID

Yahoo group: T-368_BC-610
Date: 2012-01-21 07:35:43 UTC
From: Roger Basford
Topic: 4907  Message: 5007

I should have added that in "The Voice of Victory", the HT-5 can be seen with the meter dropping to zero between speech peaks. The film quality is too poor to discern the meter label but it does look like "Decibels".

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Roger Basford" <Roger@...> wrote:
>
> Hi All,
>
> I have a manual here for the "Radio Transmitting Set Type EP 134", which I think is a (just) pre-WWII manual for the commercial version of the HT-4, sold as a complete station with an SX-28. It covers the HT-4B, HT-5B and the AT-2, frequency coverage of the EP 134 is 2-8 Mc. There is a clear photo of the HT-5B Speech Amplifier and the meter is calibrated in dBs, the circuit diagram shows the meter as being across the secondary of the AF output transformer in series with a factory-sealed pot. I can scan this image if required.
>
> 73
>
>
> Roger/G3VKM
>
>

# 5008. HT-5 meter

Yahoo group: T-368_BC-610
Date: 2012-01-21 08:27:25 UTC
From: Roger Basford
Topic: 5008  Message: 5008

Photo now on:

http://tinyurl.com/89fbf7j

73

Roger/G3VKM

# 5009. request

Yahoo group: T-368_BC-610
Date: 2012-01-22 19:31:54 UTC
From: Alan Morriss
Topic: 5009  Message: 5009

hello guys, could anyone let me know what i would have to pay for a 250TH your side of the pond ? i know of one going , but do not know haow much to offer. alan G4GEN

[Non-text portions of this message have been removed]

# 5010. Re: [T-368_BC-610] request

Yahoo group: T-368_BC-610
Date: 2012-01-22 19:54:43 UTC
From: Mark J. Blair
Topic: 5009  Message: 5010

On Jan 22, 2012, at 11:31 , Alan Morriss wrote:
> hello guys, could anyone let me know what i would have to pay for a 250TH your side of the pond ? i know of one going , but do not know haow much to offer. alan G4GEN

Antique Electronic Supply lists them for US $214.80, so I'd call that the upper price limit for a NOS tube.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 5011. Re: [T-368_BC-610] request

Yahoo group: T-368_BC-610
Date: 2012-01-22 20:09:27 UTC
From: rbethman
Topic: 5009  Message: 5011

The one and only concern is how it is shipped.

Many of these old fire bottles are ruined by folks that do NOT properly pack and ship them.

I would think that the one vendor provided as a price point, is VERY aware of what it takes! They indeed provide a LOT of tubes across the spectrum of those that seek them out.

Bob - N0DGN

On 1/22/2012 2:54 PM, Mark J. Blair wrote:
>
>
> On Jan 22, 2012, at 11:31 , Alan Morriss wrote:
> > hello guys, could anyone let me know what i would have to pay for a
> 250TH your side of the pond ? i know of one going , but do not know
> haow much to offer. alan G4GEN
>
> Antique Electronic Supply lists them for US $214.80, so I'd call that
> the upper price limit for a NOS tube.
>
> --
> Mark J. Blair, NF6X <nf6x@... <mailto:nf6x%40nf6x.net>>
> http://www.nf6x.net/
>
>

--
+--------------------------------------------------------------+
| AM Amateur Radio Operator NØDGN |
+--------------------------------------------------------------+
| http://home.comcast.net/~rbethman/ |
+--------------------------------------------------------------+
| Bob Bethman \\\|/// " The absence of a danger |
| \\ ~ ~ // signal does *NOT* mean |
| rbethman@... (/ @ @ /) that everything is OK " |
+----------------------o00o---°(_)°---o00o-------------------------+

[Non-text portions of this message have been removed]

# 5012. thanks

Yahoo group: T-368_BC-610
Date: 2012-01-22 20:17:20 UTC
From: Alan Morriss
Topic: 4220  Message: 5012

hello again and thanks. i will make an offer based on that . he is the person from whom i got the tuning module and a 100TH he packed them extremely well , and seems a really nice guy. alan

[Non-text portions of this message have been removed]

# 5013. Re: request

Yahoo group: T-368_BC-610
Date: 2012-01-22 20:40:47 UTC
From: Roger Basford
Topic: 5009  Message: 5013

Ummm! Shipping big tubes can be a nightmare. I had a NIB 250TH shipped from Manchester to Norfolk, about 225 miles by road, and the Royal Mail managed to completely dismount the electrode structure whilst leaving the envelope intact. The valve was in the original box and was further very well packed inside another box. I'd paid 80 GB pounds for that tube, so that was wasted, but fortunately the seller had another and sold it off ebay to keep my costs down.

When I wanted a pair of 100THs, the seller in Holland got a family friend who was coming over to the UK to hand-carry them and I picked them up in the London area.

It gets worse; a couple of years ago, I sold a pair of Western Electric 248D tubes to an audiophile in Texas. Although I (at his request) arranged very expensive tracked and signed-for shipping and double-packed the tubes he still came home from work to find the package dumped on the doorstep, unsigned for, and the anode connection in one tube broken off inside the envelope. I refunded his payment and claimed against the courier, eventually getting almost all the money back, but I am very reluctant to ship big tubes nowadays.

My advice to you, Alan, would be to see if a family member, friend or colleague who travels to the States might be prepared to hand-carry one for you. Might have some fun at airport security if their bags get searched!!

Just my two-pence-worth.

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@...> wrote:
>
> The one and only concern is how it is shipped.
>
> Many of these old fire bottles are ruined by folks that do NOT properly
> pack and ship them.
>
> I would think that the one vendor provided as a price point, is VERY
> aware of what it takes! They indeed provide a LOT of tubes across the
> spectrum of those that seek them out.
>
> Bob - N0DGN
>
> On 1/22/2012 2:54 PM, Mark J. Blair wrote:
> >
> >
> > On Jan 22, 2012, at 11:31 , Alan Morriss wrote:
> > > hello guys, could anyone let me know what i would have to pay for a
> > 250TH your side of the pond ? i know of one going , but do not know
> > haow much to offer. alan G4GEN
> >

> > Antique Electronic Supply lists them for US $214.80, so I'd call that
> > the upper price limit for a NOS tube.
> >
> > --
> > Mark J. Blair, NF6X <nf6x@... <mailto:nf6x%40nf6x.net>>
> > http://www.nf6x.net/
> >
> >
>
> --
> +--------------------------------------------------------------------+
> | AM Amateur Radio Operator NØDGN |
> +--------------------------------------------------------------------+
> | http://home.comcast.net/~rbethman/ |
> +--------------------------------------------------------------------+
> | Bob Bethman \\\|/// " The absence of a danger |
> | \\ ~ ~ // signal does *NOT* mean |
> | rbethman@... (/ @ @ /) that everything is OK " |
> +----------------------o00o---°(_)°---o00o-------------------------+
>
>
>
> [Non-text portions of this message have been removed]
>

# 5014. tubes

Yahoo group: T-368_BC-610
Date: 2012-01-22 20:57:52 UTC
From: Alan Morriss
Topic: 5014  Message: 5014

hello again , well , i can only quote my own experience. jan in holland sent me one which was ok . the 100TH was fine too. i suppose it is all a matter of luck. alan

[Non-text portions of this message have been removed]

# 5015. It Lives!

Yahoo group: T-368_BC-610
Date: 2012-01-23 03:49:17 UTC
From: Mark J. Blair
Topic: 5015  Message: 5015

After replacing my 4-125A modulator tubes with a NOS pair or Eimac tubes from Antique Electronic Supply, my T-368C modulates properly and it's back on the air! I used it on the West Coast MRCG net last night, and it worked great, without any hiccups.

I still have plenty of fun planned for it; I'm building an interface box to plug into the rear panel remote control connector, with a balanced input to the 600 ohm line and break-outs for the PTT, receiver disabling, and CW sidetone. I plan to play with outboard audio processing to see how good I can get the transmitted audio to sound without any internal mods; this is my compromise between wanting to learn about and experiment with audio processing for better AM sound vs. wanting to leave my transmitter's innards original. I also have an R-390A that needs a bit of work, and a good bit of work ahead of me to integrate the R-390A, my (unrestored and untested) CV-591A, a CV-116 that I've arranged to pick up next May, and the MD-239A that came with my transmitter. I've picked up an LS-206 speaker for the receiver and SSB converter, and various equipment including a Symetrix 528E voice processor that I'll experiment with for outboard voice processing. I'm planning to build a sampler probe for the RF output, and I have an OS-8C oscilloscope that I'm going to try using as a dedicated modulation monitor, preferably configured for a trapezoidal display.

Thank you all very much for the help you've provided so far towards getting my old beast back on the air. It's been really satisfying to get this transmitter working again.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 5016. parts

Yahoo group: T-368_BC-610
Date: 2012-01-23 08:41:51 UTC
From: Alan Morriss
Topic: 5016  Message: 5016

hello guys, i have just heard from the person from whom i got the PA tuning unit and a 250TH , that he has found two more units. these bits came from 3 BC610s which he broke up years ago. if anyone wants them i can put them in touch. someone shoucl collar them , as one daythey may be needed. alan G4GEN

[Non-text portions of this message have been removed]

# 5017. FS: Receiver / Homebrewer / Test Gear Crystals

Yahoo group: T-368_BC-610
Date: 2012-01-23 14:47:59 UTC
From: Bry Carling
Topic: 5017  Message: 5017

FOR SALE:
Receiver / Homebrewer / Test Gear Crystals

1000 kHz hc6u crystals - new, excellent QTY 8
1400 kHz hc6u crystals - new, excellent QTY 2
1600 kHz hc6u crystals - new, excellent QTY 1
1700 kHz hc6u crystals - new, excellent QTY 6

The above are all available for $16.00 each plus shipping.

100 kHz calibrator crystals - hc13u (Tall version of hc6u) - as used in most amateur equipment. QTY 8 available for $19.00 each plus shipping

73 - Brian, AF4K

[Non-text portions of this message have been removed]

# 5018. FS: Allen-Bradley Pot Assortments etc.

Yahoo group: T-368_BC-610
Date: 2012-01-23 15:41:06 UTC
From: Bry Carling
Topic: 5018  Message: 5018

FOR SALE: Allen-Bradley Pot Assortments

While I could never be accused of selling pot, I do have a large number of good potentiometers to sell. Most of us kno wthat Allen-Bradley makes som of the very best potentiometers ever.

Most of these are new, USA made items, several are removed from working equipment.

POT ASSORTMENT #1 - Mostly TYPE J and TYPE P.
QTY 55 A-B pots, maybe a couple of Ohmite that look jusy the same. All 1/4" shafts. Many full length. Some are trimmer length. Includes 250, 1K, Dual 1K, 3.5K, 5K, 10K, 15K, 25K, 250K, 1.0M, 1.5M, Dual 10 M - total of 55 potentiomeneters available for $25.00 plus shipping.

POT ASSORTMENT #2 - Mostly TYPE J and TYPE P.
QTY 55 A-B pots, a couple of them are Ohmite. All have the standard 1/4" shafts. Many full length. Several are trimmer length pots. Includes: 50, 1K, 10K, 50K, 100K, 250K, Dual 500K full shaft, Dual 500K shorter shaft, 1.0 M, 2.5 M, 5 M, 10 M - total of 55 potentiomeneters available for $25.00 plus shipping.

POT ASSORTMENT #3 - Allen Bradley Type J yellow plastic pots with 1/4" shafts.
QTY 7 A-B pots with 200 ohms
QTY 3 A-B pots with 1000 ohns
QTY 2 CTS 250K pots New in Box pots with long 1/4" shafts
QTY 1 Centralab 1000 Ohms, new in box, long shaft, mix of new and used.
Total of 13 potentiometers available for $8.00 plus shipping

POT ASSORTMENT #4 - Precision multiturn pots - Bourns, Spectrol and Clarostat.
QTY 12 total, including 1K, 10K, 20K and 100K pots, mix of new and used.
Total of 12 potentiometers available for $8.00 plus shipping

POT ASSORTMENT #5 - QTY 18 slider pots - nos, audio faders by Stackpole, Dale etc.
QTY 5 X 10K
QTY 5 X 20K
QTY 5 X 30K
QTY 3 X 100K
Total of 18 potentiometers available for $9.00 plus shipping

NON-Allen-Bradley potentiometer asortments -

POT ASSORTMENT #6 - QTY 30 Various brands of potentiometers, mix of new and used.
Some dual pots. All 1/4" shafts, mostly full length. Includes values such as:
1K, 25K, 100K, 1 M, 5M etc.
Total of 30 potentiometers available for $12.00 plus shipping

POT ASSORTMENT #7 - QTY 30 Various brands of potentiometers, mix of new and used.
Some dual pots. All 1/4" shafts, mostly full length. Includes values such as:

1K, 25K, 100K, 1 M, 5M etc.
Total of 30 potentiometers available for $12.00 plus shipping

Please don't ask me if these are audio taper (logarithmic) or linear taper (I have NO idea!)
Also - please don't ask me if I have specific pots. I don't really have a way to hunt for them.

Contact me off the list to arrange purchase.

Thanks & 73 - Brian, AF4K

[Non-text portions of this message have been removed]

# 5019. parts

Yahoo group: T-368_BC-610
Date: 2012-01-23 18:15:41 UTC
From: Alan Morriss
Topic: 5016  Message: 5019

hello mark , his name is James Yates, and i have asked for his email address and will send it .he seems really nice. alan

[Non-text portions of this message have been removed]

# 5020. Re: [T-368_BC-610] It Lives!

Yahoo group: T-368_BC-610
Date: 2012-01-24 01:04:40 UTC
From: Joe Foley
Topic: 5015  Message: 5020

But have you read the files section on this list?

Joe

--- On Sun, 1/22/12, Mark J. Blair <nf6x@...> wrote:

From: Mark J. Blair <nf6x@nf6x.net>
Subject: [T-368_BC-610] It Lives!
To: "T-368_BC-610 Group Group" <T-368_BC-610@yahoogroups.com>
Date: Sunday, January 22, 2012, 10:49 PM

After replacing my 4-125A modulator tubes with a NOS pair or Eimac tubes from Antique Electronic Supply, my T-368C modulates properly and it's back on the air! I used it on the West Coast MRCG net last night, and it worked great, without any hiccups.

I still have plenty of fun planned for it; I'm building an interface box to plug into the rear panel remote control connector, with a balanced input to the 600 ohm line and break-outs for the PTT, receiver disabling, and CW sidetone. I plan to play with outboard audio processing to see how good I can get the transmitted audio to sound without any internal mods; this is my compromise between wanting to learn about and experiment with audio processing for better AM sound vs. wanting to leave my transmitter's innards original. I also have an R-390A that needs a bit of work, and a good bit of work ahead of me to integrate the R-390A, my (unrestored and untested) CV-591A, a CV-116 that I've arranged to pick up next May, and the MD-239A that came with my transmitter. I've picked up an LS-206 speaker for the receiver and SSB converter, and various equipment including a Symetrix 528E voice processor that I'll experiment with for outboard voice processing. I'm planning to build a sampler probe for the RF output, and I have an OS-8C oscilloscope that I'm going to try using as a dedicated modulation monitor, preferably configured for a trapezoidal display.

Thank you all very much for the help you've provided so far towards getting my old beast back on the air. It's been really satisfying to get this transmitter working again.

--

Mark J. Blair, NF6X <nf6x@...>

http://www.nf6x.net/

[Non-text portions of this message have been removed]

# 5021. Re: [T-368_BC-610] It Lives!

Yahoo group: T-368_BC-610
Date: 2012-01-24 05:58:00 UTC
From: Mark J. Blair
Topic: 5015  Message: 5021

On Jan 23, 2012, at 17:04, Joe Foley <redmenaced@...> wrote:
> But have you read the files section on this list?

Yes, I've looked through the files section.

--
Mark J. Blair, NF6X <nf6x@...>
Web page: http://www.nf6x.net/

[Non-text portions of this message have been removed]

# 5022. parts

Yahoo group: T-368_BC-610
Date: 2012-01-24 08:35:25 UTC
From: Alan Morriss
Topic: 5016  Message: 5022

hello guys , if anyone wants to contact james about BC610 parts, his email is : jamesyates1935@.... he used to operate one when in the military. alan

[Non-text portions of this message have been removed]

# 5023. Re: parts

Yahoo group: T-368_BC-610
Date: 2012-01-24 12:33:34 UTC
From: Roger Basford
Topic: 5016  Message: 5023

Alan,

What parts does he have?

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello guys , if anyone wants to contact james about BC610 parts, his email is : jamesyates1935@... he used to operate one when in the military. alan
>
> [Non-text portions of this message have been removed]
>

# 5024. parts

Yahoo group: T-368_BC-610
Date: 2012-01-24 14:22:50 UTC
From: Alan Morriss
Topic: 5016  Message: 5024

hello roger , i do not know. he broke up 3 a long time ago and has bits lying around. if you want anything special , why not contact jim . he is sending me a 250TH which he let me have at a most reasonable price. cheers, alan

[Non-text portions of this message have been removed]

# 5025. Re: parts

Yahoo group: T-368_BC-610
Date: 2012-01-24 15:54:43 UTC
From: Roger Basford
Topic: 5016  Message: 5025

OK, thanks Alan.

73

Roger

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello roger , i do not know. he broke up 3 a long time ago and has bits lying around. if you want anything special , why not contact jim . he is sending me a 250TH which he let me have at a most reasonable price. cheers, alan
>
> [Non-text portions of this message have been removed]
>

# 5026. BC610

Yahoo group: T-368_BC-610
Date: 2012-01-24 17:51:23 UTC
From: Alan Morriss
Topic: 4221  Message: 5026

hello guys, well , this afternoon i removed the PA tuning capacitor module from the BC610 . not only is R9 missing , but there was obviously one in place at some time. the screw holes are present, and the connecting braid strip between the choke and C11 which goes on to it as well, has a kink with solder on it at just the right place . maybe that is the reason why the choke developed series resonance and failed . perhaps it had never been used on 7 megs. the new unit which i got from jim looks very much better .RY1 looks a bit rough now that i can see it properly. the winding covering is brittle and missing in places. i am in two minds about doing something about it , but it works fine. now to put the new one in place ! cheers, alan G4GEN

[Non-text portions of this message have been removed]

# 5027. Re: [T-368_BC-610] BC610

Yahoo group: T-368_BC-610
Date: 2012-01-25 23:20:44 UTC
From: Joe Foley
Topic: 4221  Message: 5027

Hmm, yes, my first rule of troubleshooting is to make sure everything is as it should be. Or as I assume it IS.  If you can't find the problem, suspect everything!  You'd be amazed at how much time that saves.

Joe

--- On Tue, 1/24/12, Alan Morriss <mohawk@...> wrote:

From: Alan Morriss <mohawk@...>
Subject: [T-368_BC-610] BC610
To: T-368_BC-610@yahoogroups.com
Date: Tuesday, January 24, 2012, 12:51 PM

hello guys, well , this afternoon i removed the PA tuning capacitor module from the BC610 . not only is R9 missing , but there was obviously one in place at some time. the screw holes are present, and the connecting braid strip between the choke and C11 which goes on to it as well, has a kink with solder on it at just the right place . maybe that is the reason why the choke developed series resonance and failed . perhaps it had never been used on 7 megs. the new unit which i got from jim looks very much better .RY1 looks a bit rough now that i can see it properly. the winding covering is brittle and missing in places. i am in two minds about doing something about it , but it works fine. now to put the new one in place ! cheers, alan G4GEN

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5028. T-368s in Vietnam

Yahoo group: T-368_BC-610
Date: 2012-01-27 12:15:37 UTC
From: Roger Basford
Topic: 5028  Message: 5028

Hi All,

This might be of interest, found on the WS-19 Yahoo group:-

http://www.vk2bv.org/gallery/vietnam-radios

73

Roger/G3VKM

# 5029. Fwd: [Glowbugs] BC-610 Xfmr

Yahoo group: T-368_BC-610
Date: 2012-01-27 13:55:35 UTC
From: rbethman
Topic: 5029  Message: 5029

From another list:

Contact: <jwiley@...>

Bob - N0DGN

I have a known good BC-610 plate transformer that is surplus to my needs. Anyone interested? Please contact me off-list with your best offer. Pictures on request.

Thanks and 73

- Jim, KL7CC

--
ZCZC
This is a transmission from the Glowbugs list
To unsubscribe from this group, send email to
tetrode+unsubscribe@...
For more options, visit this group at
http://groups.google.com/group/tetrode?hl=en
NNNN

# 5030. BC60

Yahoo group: T-368_BC-610
Date: 2012-01-28 21:50:00 UTC
From: Alan Morriss
Topic: 5030  Message: 5030

hello guys , the new PA tuning capacitor and asociated components are in place , and the tx is working . but all is not well . in CW with the key up current still flows at around 50 ma . this seems to mean that the bias is too low.l am looking for a new 5V4 bias rectifier. should be no trouble. alan

[Non-text portions of this message have been removed]

# 5031. 610

Yahoo group: T-368_BC-610
Date: 2012-01-29 11:30:13 UTC
From: Alan Morriss
Topic: 4367  Message: 5031

of course i got the nomber wrong for the rectifier ! i mis read it. it should be VT145 which is a 5U4 i think. cheers, alan

[Non-text portions of this message have been removed]

# 5032. Re: [T-368_BC-610] BC60

Yahoo group: T-368_BC-610
Date: 2012-01-29 12:26:48 UTC
From: Geoff
Topic: 5030  Message: 5032

On 1/28/2012 3:50 PM, Alan Morriss wrote:
> hello guys , the new PA tuning capacitor and asociated components are in place , and the tx is working . but all is not well . in CW with the key up current still flows at around 50 ma . this seems to mean that the bias is too low.l am looking for a new 5V4 bias rectifier. should be no trouble. alan

I tend to think that in -most- applications, 5R4's, 5U4s, 5Y3's can, to some extent, be interchanged, depending on the application. So, I went and checked the differences between the 5U4 and the 5V4...

5V4-GA Ratings
Vh Ih VaMax IkMax Notes
5.0 2.0 PIV=1400V 525 Ia pk Tube drop = 25V @ 175mA

5U4 Ratings
Vh Ih VaMax IkMax Notes
5 3.0 PIV=1550V 800 Tube drop = 44V @ 225mA DC

Except for the larger tube drop (how much voltage drops across the anode/cathode junction) it looks to me like the 5U4 would be a better fit. I'm thinking this is the 'low voltage- supply, for say, the 807's. As far as the '610 is concerned I would have to imagine that a few things are going to be ok...
1) filament current - typically these military transmitters were built to mil-spec, which has a 50% safety factor built in. If the circuit requires 2amps, mil-spec says make 4amps available.
2) the larger tube drop reduces the B+ on the plates of the 807's from ~550 to ~525v. Is that enough to affect the grid drive to the 250TH? IMO, probably not.
3) the added 150v in PIV wont hurt
4) neither will the current handling capability.

Shove one in, if you've got it.

73 = Best Regards,
-Geoff/W5OMR

[Non-text portions of this message have been removed]

# 5033. bias rect

Yahoo group: T-368_BC-610
Date: 2012-01-29 14:10:54 UTC
From: Alan Morriss
Topic: 5033  Message: 5033

hello guys , well , i have found out that the VT145 is a 5U4 on a UX base. this is a 5Z4 . i may have one , but they should not be too hard to find. my other thought is R11 . when i moved it there sounded like some contact to ground through the mounting bracket . i will insulate this and try again. i cannot imagine ever getting bored and running a BC610 ! alan

[Non-text portions of this message have been removed]

# 5034. Re: [T-368_BC-610] BC610

Yahoo group: T-368_BC-610
Date: 2012-01-29 16:18:54 UTC
From: wa5cab@cs.com
Topic: 4221  Message: 5034

I'm afraid that I have to disagree. In the first place, 2 additional amps would be 100% safety factor, not 50%. In the second place, Mil Spec doesn't automatically mean 50% CCS safety factor. In the third place, why are you looking for a 5V4? The two LV rectifiers in the BC-610 are 5Z3's, which are electrically but not mechanically interchangable with 5U4's. Unless the tube sockets have been changed to octals, in which case the correct substitution would have been 5U4's, not a 5V4's.

In a message dated 01/29/2012 06:27:00 AM Central Standard Time, w5omr@... writes:
> On 1/28/2012 3:50 PM, Alan Morriss wrote:
> >hello guys , the new PA tuning capacitor and asociated components are in
> place , and the tx is working . but all is not well . in CW with the key up
> current still flows at around 50 ma . this seems to mean that the bias is
> too low.l am looking for a new 5V4 bias rectifier. should be no trouble.
> alan
>
>
> I tend to think that in -most- applications, 5R4's, 5U4s, 5Y3's can, to
> some extent, be interchanged, depending on the application. So, I went
> and checked the differences between the 5U4 and the 5V4...
>
> 5V4-GA Ratings
> Vh Ih VaMax IkMax Notes
> 5.0 2.0 PIV=1400V 525 Ia pk Tube drop = 25V @ 175mA
>
>
>
> 5U4 Ratings
> Vh Ih VaMax IkMax Notes
> 5 3.0 PIV=1550V 800 Tube drop = 44V @ 225mA DC
>
>
>
> Except for the larger tube drop (how much voltage drops across the
> anode/cathode junction) it looks to me like the 5U4 would be a better
> fit. I'm thinking this is the 'low voltage- supply, for say, the
> 807's. As far as the '610 is concerned I would have to imagine that a
> few things are going to be ok...
> 1) filament current - typically these military transmitters were built
> to mil-spec, which has a 50% safety factor built in. If the circuit
> requires 2amps, mil-spec says make 4amps available.
> 2) the larger tube drop reduces the B+ on the plates of the 807's from
> ~550 to ~525v. Is that enough to affect the grid drive to the 250TH?
> IMO, probably not.

> 3) the added 150v in PIV wont hurt
> 4) neither will the current handling capability.
>
> Shove one in, if you've got it.
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 5035. Re: BC610

Yahoo group: T-368_BC-610
Date: 2012-01-29 16:32:36 UTC
From: Roger Basford
Topic: 4221  Message: 5035

Alan,

I should have a spare 5Z3 in my '610 spares, let me know if you are in need of one. Are you sure the bias rectifier is actually duff though?

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, wa5cab@... wrote:
>
> I'm afraid that I have to disagree. In the first place, 2 additional amps
> would be 100% safety factor, not 50%. In the second place, Mil Spec doesn't
> automatically mean 50% CCS safety factor. In the third place, why are you
> looking for a 5V4? The two LV rectifiers in the BC-610 are 5Z3's, which are
> electrically but not mechanically interchangable with 5U4's. Unless the
> tube sockets have been changed to octals, in which case the correct
> substitution would have been 5U4's, not a 5V4's.
>
> In a message dated 01/29/2012 06:27:00 AM Central Standard Time,
> w5omr@... writes:
> > On 1/28/2012 3:50 PM, Alan Morriss wrote:
> > >hello guys , the new PA tuning capacitor and asociated components are in
> > place , and the tx is working . but all is not well . in CW with the key up
> > current still flows at around 50 ma . this seems to mean that the bias is
> > too low.l am looking for a new 5V4 bias rectifier. should be no trouble.
> > alan
> >
> >
> > I tend to think that in -most- applications, 5R4's, 5U4s, 5Y3's can, to
> > some extent, be interchanged, depending on the application. So, I went
> > and checked the differences between the 5U4 and the 5V4...
> >
> > 5V4-GA Ratings
> > Vh Ih VaMax IkMax Notes
> > 5.0 2.0 PIV=1400V 525 Ia pk Tube drop = 25V @ 175mA
> >
> >
> >
> > 5U4 Ratings
> > Vh Ih VaMax IkMax Notes
> > 5 3.0 PIV=1550V 800 Tube drop = 44V @ 225mA DC
> >
> >
> >
> > Except for the larger tube drop (how much voltage drops across the

> > anode/cathode junction) it looks to me like the 5U4 would be a better
> > fit. I'm thinking this is the 'low voltage- supply, for say, the
> > 807's. As far as the '610 is concerned I would have to imagine that a
> > few things are going to be ok...
> > 1) filament current - typically these military transmitters were built
> > to mil-spec, which has a 50% safety factor built in. If the circuit
> > requires 2amps, mil-spec says make 4amps available.
> > 2) the larger tube drop reduces the B+ on the plates of the 807's from
> > ~550 to ~525v. Is that enough to affect the grid drive to the 250TH?
> > IMO, probably not.
> > 3) the added 150v in PIV wont hurt
> > 4) neither will the current handling capability.
> >
> > Shove one in, if you've got it.
> >
>
> Robert Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
> [Non-text portions of this message have been removed]
>

# 5036. Re: 610

Yahoo group: T-368_BC-610
Date: 2012-01-29 16:56:19 UTC
From: Roger Basford
Topic: 4367  Message: 5036

Alan,

Have you changed the PA valve, the 250TH? I know you were talking about it and if you have then the manual says you need to check the neutralisation of the stage. However, as you have a steady 50ma of PA current it would be a good idea to check the bias voltage on the PA grid, which the manual says should be 110V DC from grid pin to chassis. If the voltage is wrong it is adjustable by slide pot R11 located on the top of the modulator deck on the BC-610-E. I recommend you follow the procedure in TM 11-826, page 97 to check the supply.

Hope this helps,

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> of course i got the nomber wrong for the rectifier ! i mis read it. it should be VT145 which is a 5U4 i think. cheers, alan
>
> [Non-text portions of this message have been removed]
>

# 5037. BC610

Yahoo group: T-368_BC-610
Date: 2012-01-29 20:20:15 UTC
From: Alan Morriss
Topic: 4221  Message: 5037

WELL ! the old girl is going fine now . the bias trouble was R11 as i suspected. it had rotated and one contact where the wires attatch was touching a mounting bracket. once this had been fixed no problems . about 5 amps of current into 10 feet of wire stuck into the antenna base . it has been a long time. i believe that the bias failure may have been the cause of the series resonance which destroyed the choke in the first place. anyway , now there is a much better PA tuning cap , choke , R9 , and C28 . they look like new. all i have to do is to get up on the roof of the tank shed , drill a hole in the riight place , and fit a feed through insulator . the 40 ft wire can then be fixed .i will do something similar for the rx antenna .the BC342 is all that needs to be done after that .i must say that the blower heater in the shelter has been a godsend in the cold weather. it really does warm it up. i often wonder if the guys who operated it are still around , and what they would think of it. if anyone needs a PA RF choke, i have 2 , and also the tuning capacitor. if nobody wants it i will put it on ebay in the end . cheers, alan

[Non-text portions of this message have been removed]

# 5038. Re: BC610

Yahoo group: T-368_BC-610
Date: 2012-01-29 20:53:22 UTC
From: Jan
Topic: 4221  Message: 5038

oke Alan
When can i here you
last night i had a qso with 9 stations in the usa with the bc610,and 1station workt also with a bc610

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> WELL ! the old girl is going fine now . the bias trouble was R11 as i suspected. it had rotated and one contact where the wires attatch was touching a mounting bracket. once this had been fixed no problems . about 5 amps of current into 10 feet of wire stuck into the antenna base . it has been a long time. i believe that the bias failure may have been the cause of the series resonance which destroyed the choke in the first place. anyway , now there is a much better PA tuning cap , choke , R9 , and C28 . they look like new. all i have to do is to get up on the roof of the tank shed , drill a hole in the riight place , and fit a feed through insulator . the 40 ft wire can then be fixed .i will do something similar for the rx antenna .the BC342 is all that needs to be done after that .i must say that the blower heater in the shelter has been a godsend in the cold weather. it really does warm it up. i often wonder if the guys who operated it are still around , and what they would think of it. if anyone needs a PA RF choke, i have 2 , and also the tuning capacitor. if nobody wants it i will put it on ebay in the end . cheers, alan
>
> [Non-text portions of this message have been removed]
>

# 5039. reply

Yahoo group: T-368_BC-610
Date: 2012-01-29 21:37:23 UTC
From: Alan Morriss
Topic: 4438  Message: 5039

hello jan , i hope to be on the net soon . i just love that set up ! alan

[Non-text portions of this message have been removed]

# 5040. Re: [T-368_BC-610] bias rect

Yahoo group: T-368_BC-610
Date: 2012-01-29 21:44:10 UTC
From: wa5cab@cs.com
Topic: 5033  Message: 5040

No. As I said earlier, it is a 5Z3. It looks just like a 5U4G but has a
4-pin instead of an octal base. A 5Z4 is a metal tube, VT-74.

In a message dated 01/29/2012 15:12:22 PM Central Standard Time,
mohawk@... writes:
> hello guys , well , i have found out that the VT145 is a 5U4 on a UX
> base. this is a 5Z4 . i may have one , but they should not be too hard to find.
> my other thought is R11 . when i moved it there sounded like some contact
> to ground through the mounting bracket . i will insulate this and try
> again. i cannot imagine ever getting bored and running a BC610 ! alan
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 5041. 5Z3

Yahoo group: T-368_BC-610
Date: 2012-01-29 21:59:35 UTC
From: Alan Morriss
Topic: 5041  Message: 5041

sory bob , my mistake. i had a good look again. anyway , all is well now , but i will put one or two aside. they are only cheap. alan

[Non-text portions of this message have been removed]

# 5042. Re: [T-368_BC-610] 5Z3

Yahoo group: T-368_BC-610
Date: 2012-01-29 22:02:40 UTC
From: wa5cab@cs.com
Topic: 5041  Message: 5042

Alan,

If you still suspect the tube, swap the bias and LV rectifiers. My guess would be that the problem is somewhere else, though.

In a message dated 01/29/2012 15:59:42 PM Central Standard Time, mohawk@... writes:
> sory bob , my mistake. i had a good look again. anyway , all is well now
> , but i will put one or two aside. they are only cheap. alan
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 5043. Re: [T-368_BC-610] BC610

Yahoo group: T-368_BC-610
Date: 2012-01-31 01:11:37 UTC
From: Joe Foley
Topic: 4221  Message: 5043

Well done!!

Joe

--- On Sun, 1/29/12, Alan Morriss <mohawk@...> wrote:

From: Alan Morriss <mohawk@clara.co.uk>
Subject: [T-368_BC-610] BC610
To: T-368_BC-610@yahoogroups.com
Date: Sunday, January 29, 2012, 3:20 PM

WELL ! the old girl is going fine now . the bias trouble was R11 as i suspected. it had rotated and one contact where the wires attatch was touching a mounting bracket. once this had been fixed no problems . about 5 amps of current into 10 feet of wire stuck into the antenna base . it has been a long time. i believe that the bias failure may have been the cause of the series resonance which destroyed the choke in the first place. anyway , now there is a much better PA tuning cap , choke , R9 , and C28 . they look like new. all i have to do is to get up on the roof of the tank shed , drill a hole in the riight place , and fit a feed through insulator . the 40 ft wire can then be fixed .i will do something similar for the rx antenna .the BC342 is all that needs to be done after that .i must say that the blower heater in the shelter has been a godsend in the cold weather. it really does warm it up. i often wonder if the guys who operated it are still around
, and what they would think of it. if anyone needs a PA RF choke, i have 2 , and also the tuning capacitor. if nobody wants it i will put it on ebay in the end . cheers, alan

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5044. 250TH

Yahoo group: T-368_BC-610
Date: 2012-01-31 09:52:48 UTC
From: Alan Morriss
Topic: 5044  Message: 5044

hello guys , well , my 250TH arrived frpm jim today. it had been perfectly packed and was in first class condition. so it can be done. i now have 2 spares , so that should last me out .alan G4GEN

[Non-text portions of this message have been removed]

# 5045. plugs

Yahoo group: T-368_BC-610
Date: 2012-01-31 22:15:08 UTC
From: Alan Morriss
Topic: 5045  Message: 5045

hello , i have found a 110v soldering iron which looks like the one for the SCR399 set up . unfortunately it has no plug. does anyone have one of those round 2 pin plugs which go into the JB70 sockets ? of course they do not have to be round ! i am still after the typewriter as well. cheers, alan

[Non-text portions of this message have been removed]

# 5046. REDUCED: Boxes of Electrolytic Capacitors

Yahoo group: T-368_BC-610
Date: 2012-02-03 20:09:22 UTC
From: Bry Carling
Topic: 5046  Message: 5046

FOR SALE: ELECTROLYTIC CAPACITORS

Mix of radial, axial, upright can etc. - some are NOS.  Most are new.
(a few are be good, used tested caps)

BOX #1  =  QTY 35 electrolytic CAPACITORS
QTY 2,  0.068 uF at 630 V
QTY 2,  0.056 uF at 630 V
QTY 1,  4 uF at 600 V
QTY 2,  8 uF at 450 V
QTY 1,  8 + 8 uF at 450 V
QTY 2,  16 uF at 450 V
QTY 1,  125 uF at 450 V
QTY 1,  10 + 10 uF at 450 V
QTY 2,  820 uF at 450 V
QTY 1,  40 uF at 450 V
QTY 1,  68 uF at 400 V
QTY 4,  220 uF at 400V
QTY 2,  33 uF at 400V
QTY 1,  40 + 20 + 10 uF at 350 V
QTY 1,  22 uF at 350 V
QTY 1,  10 uF at 350 V
QTY 1,  100 uF at 250 V
QTY 1,  100 uF at 200 V
QTY 1,  4700 uF at 35 V
QTY 1,  4.7 uF at 35 V
QTY 2,  2200 uF at 25 V
QTY 4,  100 uF at 25 V
Total of 35 excellent capacitors for $29.00 plus $12.00 shipping

BOX #2  =  QTY 40 electrolytic CAPACITORS
Mix of radial, axial, upright can - some NOS. Almost all are new.
QTY 2,   0.068 uF at 630 V
QTY 2,   0.056 uF at 630 V
QTY 1,   16 uF at 600V
QTY 1,   0.47 uF at 600V
QTY 2,   47 uF at 450 V
QTY 1,   20 uF at 450 V
QTY 1,   10 + 10 uF at 450 V
QTY 3,   82 uF at 400 V
QTY 5,   220 uF at 400 V
QTY 1,   33 uF at 400 V
QTY 3,   0.47 uF at 400 V
QTY 1,   22 uF at 350 V
QTY 1,   3 uF at 350 V
QTY 1,   47 uF at 250 V

QTY 1,   33 uF at 250 V
QTY 1,   270 uF at 200 V
QTY 1,   100 uF at 200 V
QTY 1,   1 uF at 200 V
QTY 1,   1000 uF at 50 V
QTY 2,   2200 uF at 35 V
QTY 1,   4.7 uF at 35 V
QTY 1,   1000 uF at 25 V
QTY 5,   100 uF at 25 V
QTY 1,   2200 uF at 16 V
Total of 40 excellent capacitors for $29.00 plus $12.00 shipping

BOX #3 = QTY 30 electrolytic CAPACITORS
Mix of radial, axial, upright can - some NOS. Almost all are new.
QTY 2,   0.068 uF at 630 V
QTY 2,   0.056 uF at 630 V
QTY 1,   16 uF at 600 V
QTY 1,   125 uF at 450 V
QTY 1,   30 uF at 450 V
QTY 1,   20 uF at 450 V
QTY 3,   16 uF at 450 V
QTY 4,   20 + 20 uF at 450 V
QTY 8,   220 uF at 400 V
QTY 3,   270 uF at 400 V
QTY 1,   82 uF at 400 V
QTY 1,   33 uF at 400 V
QTY 2,   1500 uF at 250 V
Great group of capacitors for a low price.  $29.00 plus $12.00 shipping

73 - Bry, AF4K

[Non-text portions of this message have been removed]

# 5047. FS: Military Surplus Crystal cases and crystals

Yahoo group: T-368_BC-610
Date: 2012-02-03 20:17:30 UTC
From: Bry Carling
Topic: 5047  Message: 5047

FOR SALE:

TYPE BX40 crystal case - holds 120 standard FT243 crystals or similar.
Excellent condition - QTY 4 available for $29.00 each plus shipping

Excellent condition - TYPE CS-137 crystal case - holds 120 standard FT243 crystals or similar.
QTY 2 available for $29.00 each plus shipping

Pictures available for both...

Numerous FT243 crystals available, many for the ham bands, including 7025, 7050, 7075, 7100 kHz etc. Available for $14.00 each plus shipping.

Thanks for looking and 73 - Brian Carling, AF4K

[Non-text portions of this message have been removed]

# 5048. FS: Ham band hc6u crystals

Yahoo group: T-368_BC-610
Date: 2012-02-04 11:14:19 UTC
From: Bry Carling
Topic: 5048  Message: 5048

FOR SALE: hc6/u crystals for the amateur radio bands.

These are for Hallicrafters radios:

5.0 MHz, 6.0 MHz, 6.5 MHz, 7.0 MHz, 7.5 MHz, 8.0 MHz, 8.5 MHz, 9.0 MHz, 10.0 MHz,
11.0 MHz, 12.0 MHz, 12.5 MHz - Available for $16.00 each plus shipping.
(others available = inquire)

These are available for Drake 4 Line radios:
12.6 MHz, 13.6 MHz, 14.1 MHz, 14.6 MHz, 17.1 MHz, 17.6 MHz, 18.1 MHz, 19.1 MHz,
19.6 MHz, 20.6 MHz, 20.8 MHz (Drake recommended for 30m band), 22.1 MHz,
22.6 MHz, 29.1 MHz, 31.6 MHz, 32.6 MHz, 35.6 MHz, 38.1 MHz, 39.1 MHz, 39.6 MHz,
40.1 MHz, 40.6 MHz, 43.6 MHz

These are available for Drake 2 Line radios:
13.5 MHz, 17.5 MHz, 24.0 MHz, 24.5 MHz, 25.0 MHz, 30.0 MHz

Collins: Most are now available including 10.5775 MHz, 13.155 MHz, 13.9775 MHz,
15.7275 MHz, 15.8275, 15.9275 MHz and many more.

Others available: (many more also)
1000 kHz, 1400 kHz, 1600 kHz, 1700 kHz, 5355 kHz, 5360 kHz, 8998.5 kHz, 9.0 MHz,
10.0 MHz, 10.7 MHz, 15.0 MHz, 15.2 MHz, 16.0 MHz, 18.0 MHz, 20.0 MHz, 21.0 MHz,
21.1 MHz, 21.5 MHz, 27.0 MHz, 28.0 MHz, 30.0 MHz, 30.52 MHz, 32.0 MHz,
33.52 MHz, 34.5 MHz, 34.7 MHz, 35.0 MHz, 35.5 MHz, 36.0 MHz, 38.0 MHz, 42.5 MHz,
43.0 MHz, 43.5 MHz,

Most of the above are available now for $16.00 each plus shipping.
(some of the non-amateur-band Collins ones are $12.00 each)

For details see:
http://www.af4k.com/hc6u_crystals.htm
Pictures of various style crystals:
http://www.af4k.com/crystal_holders.htm

73 - Bry Carling, AF4K

[Non-text portions of this message have been removed]

# 5049. FS: HV Variable Capacitor 220 pF

Yahoo group: T-368_BC-610
Date: 2012-02-13 13:23:59 UTC
From: Bry Carling
Topic: 5049  Message: 5049

FOR SALE: NATIONAL RADIO CO. Variable Capacitor 110pF + 110 pF

This is a split stator 220 pF variable capacitor that can be configuered either for 220 pF or
two sections of 110 pF each. Looks to be good for around 3 kV or more.

Ceramic frame measures 6" X 4" X 3-1/2" and has a standard 1/4" shaft that is 1-1/2" long.

QTY 1 available for $22.00 plus shipping

(I have flexible, insulated 1/4" couplings if anyone needs some!)

73 - Bry, AF4K

[Non-text portions of this message have been removed]

# 5050. US domestic plug pin-out?

Yahoo group: T-368_BC-610
Date: 2012-02-23 12:18:26 UTC
From: Roger Basford
Topic: 5050  Message: 5050

Hi All,

Just a general question about the plugs and sockets used in the US for everyday appliances.

On a 3-pin plug, the type with two vertical pins and a ground pin, viewed from the rear, i.e. the side where the wires connect, which of the vertical pins is live and which neutral? In the UK, a 3-pin plug for the same purpose would have live to the right and neutral left, although of completely different design.

On the US plugs I have (some of recent manufacture) there isn't a marking on the pins or body, apart from a "GR" tag on the ground pin.

Thanks

Roger/G3VKM - Norfolk, England

# 5051. Re: [T-368_BC-610] US domestic plug pin-out?

Yahoo group: T-368_BC-610
Date: 2012-02-23 12:30:10 UTC
From: Geoff
Topic: 5050  Message: 5051

On 2/23/2012 6:18 AM, Roger Basford wrote:
> Hi All,
>
> Just a general question about the plugs and sockets used in the US for everyday appliances.
>
> On a 3-pin plug, the type with two vertical pins and a ground pin, viewed from the rear, i.e. the side where the wires connect, which of the vertical pins is live and which neutral? In the UK, a 3-pin plug for the same purpose would have live to the right and neutral left, although of completely different design.
>
> On the US plugs I have (some of recent manufacture) there isn't a marking on the pins or body, apart from a "GR" tag on the ground pin.
>
> Thanks

I thought 'www' stood for "world" wide web (heavy emphasis on the 'world').

First link Google coughed up was:
http://inspectapedia.com/electric/0506s.jpg

Should answer all questions.

73 = Best Regards,
-Geoff/W5OMR

# 5052. Re: US domestic plug pin-out?

Yahoo group: T-368_BC-610
Date: 2012-02-23 14:01:07 UTC
From: Roger Basford
Topic: 5050  Message: 5052

Thanks Geoff,

Looks like the live and neutral are transposed from our plugs, I'll print that sketch out for the shack notice-board!

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, Geoff <w5omr@...> wrote:
>

>
> I thought 'www' stood for "world" wide web (heavy emphasis on the 'world').
>
> First link Google coughed up was:
> http://inspectapedia.com/electric/0506s.jpg
>
> Should answer all questions.
>
> 73 = Best Regards,
> -Geoff/W5OMR
>

# 5053. FS: MC Jones Micromatch RF Meter etc.

Yahoo group: T-368_BC-610
Date: 2012-02-27 19:02:03 UTC
From: Bry Carling
Topic: 5053  Message: 5053

FOR SALE:

MC Jones Micromatch RF Meter - (meter only) - $25.00
Picture and details at the link below.

USA Military Surplus CS-137 Crystal Case, extra nice (1 only) - $39.00

USA Military Surplus BX40 Crystal Cases - $39.00 each

USA Military Surplus ORP - AN/TRC-19 Crystal Case (1 only) - $25.00

ASTATIC D104 Microphone - $39.00

FT243 sockets - Millen style - new, plastic - $8.00 each

FT243 socket - new, single black (1 only) - $6.00

FT243 socket - DUAL brown phenolic (1 only) - $8.00

100 kHz Calibrator Crystal HC13/U (TALL HC6U ) - $19.00
hchc6/u and 13/u sockets, ceramic, new - $3.00 each

Shipping additional.

Pictures and details:
http://www.af4k.com/miscpart.htm

73 - Bry, AF4K

[Non-text portions of this message have been removed]

# 5054. FS: Electrolytic Can Capacitors - NIB

Yahoo group: T-368_BC-610
Date: 2012-02-28 19:50:54 UTC
From: Bry Carling
Topic: 5054  Message: 5054

FOR SALE: Electrolytic Can Capacitors - new in boxes.

Triple can electrolytics, USA made - great for antique radio restoration or homebrew tube construction. Each capacitor has 40 uF + 20 uF + 20 uF at 250v DC. Vertical chassis-mount style. Illinois Condenser Co. About 2.5" tall and 1.125'" diameter.

QTY 15 available for $4.00 each or take all for $48.00
shipping additional.

73 - Bry, AF4K

[Non-text portions of this message have been removed]

# 5055. FS: Military Surplus BC-669 Crystals

Yahoo group: T-368_BC-610
Date: 2012-02-28 22:51:53 UTC
From: Bry Carling
Topic: 5055  Message: 5055

FOR SALE: Military Surplus BC-669 Crystals - Type DC34 and DC35

DC34 crystals have 3/4" pin spacing.

The following HAM FREQUENCIES AVAILABLE for $16.00 each plus
shipping:

1720, 1790, 1810, 1850, 1870, 1890, 1910, 1930, 1950 kHz

3500 (QTY 2), 3550, 3610, 3650, 3700 (QTY 2), 3705, 3750 kHz

Updates, pictures and details are available here:

http://www.af4k.com/crystals.htm

73 - Bry, AF4K

[Non-text portions of this message have been removed]

# 5056. FS: PL259 and SO239 connectors etc.

Yahoo group: T-368_BC-610
Date: 2012-03-06 12:27:06 UTC
From: Bry Carling
Topic: 5056  Message: 5056

FOR SALE:

Over 120 plugs, sockets, adapters etc. for RF coaxial connections.

Each group has about 15 - 20 pieces of mostly new / new old stock PL259 and SO 239 connectors and adapters of all kinds. These normally sell for several dollars a piece. Some of
these include a Twinax connector and the odd 'N' connector or adapter etc. These are each available for $12.00 per group plus shipping.

Pictures and details with ordering buttons are available here:

http://www.af4k.com/connects.htm

73 & thanks for looking - Bry, AF4K

[Non-text portions of this message have been removed]

# 5057. t368

Yahoo group: T-368_BC-610
Date: 2012-03-08 19:38:48 UTC
From: n8lka
Topic: 5057  Message: 5057

I have a t368 model c, that is stock and works great.Just wanted to know what these things are going for now days.I dont see them for sale like a few years back.

# 5058. Re: T-368C Appraisel N8LKA Transmitter

Yahoo group: T-368_BC-610
Date: 2012-03-08 22:33:02 UTC
From: Glen Galati
Topic: 5057  Message: 5058

Hello Gary, aka, N8LKA,
I will be happy to give you an honest (no charge) estimate of your T-368 Transmitter. I used to have one, but my wife convinced or begged me to sell it to a close friend, so she could have more room in the basement where the Ham Shack was located. :<(, but it did bring her and my friend much happiness.  I was a Ground Radio Communications Technician in the Air Force for 22+ years (7/61-11/83.  And, I had a great love for working on anything electronic. To my still "GREAT LOVE", I do collect equipment and radios that I worked on.  Besides my basement, I have a store (1650 Sq feet of my 12,000 foot building filled with parts and equipment plus some communication and microwave portable shelters.  If you go to TheBunkerofDoom.com website you will see some 125 pictures that were take last year of ourr main and secondary store by this gentleman fro Dallas,Tx.  Just scroll down to his Travels to Surplus haunts on the West Coast.
I did or was a part of overhauling three T-368's in Germany for our GATEWAY Teletype  network at Rhein Main AB  back in the 70-72 time frame.  We had received 5-8 transmitters from all over Europe/UK to evaluate.  The excess was either given to MARS or turned-in to R&M.
Please let me know the condition, and the last time you had this unit ON-THE-AIR? Also, any and all pictures would be most valuable of interior, exterior, plus condition of the paint, and oxidation, corrosion, rust, and any broken items including bolt threads on the rear filter area. Does it have the original metal screen air filter with with the steel cover that fas twist thumb nuts?
Are there any modifications, holes drilled, and does it have the bottom shock mount base?  Is it castered for convenient movement?
I had $850 invested in my T-368C/URT which I appraised at  8 - 8.5 on a scale of 1-10.  Mine came with an extra power supply deck and an extra H.V. XFMR for that amount.

Hope I can be of help.
73,
Glen Galati, KA7BOJ 9ex-WBOAXK, DL4GG, HL9WA)
Electronic Dimensions
424 Puyallup Ave.
Tacoma, WA 98421-1317
Tel 253-272-1061
Fax 253-383-2088
eMail: eldim@...
Web WWW.EL-DIM.COM

I brought mine Transmitter 4-6 year ago and sold it  about 1 year after.
I never did track prices, so I am at a loss.
I do belong to several Amateur (W7DK), Antique (PSARA), and Military clubs here in Washington & Oregon.

I also many links and belong to an AM group in this area.

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From: n8lka <garymosure@...>
To: T-368_BC-610@yahoogroups.com
Sent: Thu, March 8, 2012 11:38:48 AM
Subject: [T-368_BC-610] t368

I have a t368 model c, that is stock and works great.Just wanted to know what these things are going for now days.I dont see them for sale like a few years back.

[Non-text portions of this message have been removed]

# 5059. Re: [T-368_BC-610] t368

Yahoo group: T-368_BC-610
Date: 2012-03-09 02:20:02 UTC
From: Dave Mayfield W9WRL
Topic: 5057  Message: 5059

Bought mine three years ago for $1500.00, I have seen a few for sale
since then from $900 to $1500.00

73 Dave W9WRL.com

n8lka wrote:
>
> I have a t368 model c, that is stock and works great.Just wanted to
> know what these things are going for now days.I dont see them for sale
> like a few years back.
>
>
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2012.0.1913 / Virus Database: 2114/4859 - Release Date: 03/08/12
>

--
73 Dave W9WRL
http://www.w9wrl.com/w9wrl
http://www.facebook.com/w9wrl

# 5060. Re: [T-368_BC-610] t368

Yahoo group: T-368_BC-610
Date: 2012-03-09 03:11:12 UTC
From: Todd, KA1KAQ
Topic: 5057  Message: 5060

Yep, I was gonna say $800-$1500 seems to be the ballpark. If it's complete, in good shape, and working properly it'll bring a price more to the high end, of course.

~ Todd, KA1KAQ/4

On Thu, Mar 8, 2012 at 9:20 PM, Dave Mayfield W9WRL <wrl@...> wrote:

> Bought mine three years ago for $1500.00, I have seen a few for sale
> since then from $900 to $1500.00
>
> 73 Dave W9WRL.com
>
> n8lka wrote:
> >
> > I have a t368 model c, that is stock and works great.Just wanted to
> > know what these things are going for now days.I dont see them for sale
> > like a few years back.
>

[Non-text portions of this message have been removed]

# 5061. Re: [T-368_BC-610] t368

Yahoo group: T-368_BC-610
Date: 2012-03-09 12:31:08 UTC
From: garymosure@roadrunner.com
Topic: 5057  Message: 5061

Dave thanks,I bought mine about eight years ago at fair radio for 1500.00,I guess the price has not change that much. thanks
---- Dave Mayfield W9WRL <wrl@...> wrote:
> Bought mine three years ago for $1500.00, I have seen a few for sale
> since then from $900 to $1500.00
>
> 73 Dave W9WRL.com
>
> n8lka wrote:
> >
> > I have a t368 model c, that is stock and works great.Just wanted to
> > know what these things are going for now days.I dont see them for sale
> > like a few years back.
> >
> >
> >
> > No virus found in this message.
> > Checked by AVG - www.avg.com <http://www.avg.com>
> > Version: 2012.0.1913 / Virus Database: 2114/4859 - Release Date: 03/08/12
> >
>
> --
> 73 Dave W9WRL
> http://www.w9wrl.com/w9wrl
> http://www.facebook.com/w9wrl
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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# 5062. RE: [T-368_BC-610] t368

Yahoo group: T-368_BC-610
Date: 2012-03-09 13:08:00 UTC
From: Meir WF2U
Topic: 5057  Message: 5062

I bought my T-368E about 15 years ago from Fair Radio for $650 plus $150 shipping. The transmitter was depot refurbished, retubed, tested and boxed (at Pirmasens, Germany) according to the paperwork that was attached to it - before going into storage prior to going for surplus.
I still have it and plan to keep it for a long time...

73, Meir WF2U
Landrum, SC

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of garymosure@...
Sent: Friday, March 09, 2012 7:31 AM
To: T-368_BC-610@yahoogroups.com
Cc: Dave Mayfield W9WRL
Subject: Re: [T-368_BC-610] t368

Dave thanks,I bought mine about eight years ago at fair radio for 1500.00,I guess the price has not change that much. thanks
---- Dave Mayfield W9WRL <wrl@...> wrote:
> Bought mine three years ago for $1500.00, I have seen a few for sale
> since then from $900 to $1500.00
>
> 73 Dave W9WRL.com
>
> n8lka wrote:
> >
> > I have a t368 model c, that is stock and works great.Just wanted to
> > know what these things are going for now days.I dont see them for sale
> > like a few years back.
> >
> >
> >
> > No virus found in this message.
> > Checked by AVG - www.avg.com <http://www.avg.com>
> > Version: 2012.0.1913 / Virus Database: 2114/4859 - Release Date: 03/08/12
> >
>
> --
> 73 Dave W9WRL
> http://www.w9wrl.com/w9wrl
> http://www.facebook.com/w9wrl
>
>
>

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> Yahoo! Groups Links
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Yahoo! Groups Links

# 5063. Re: [T-368_BC-610] t368

Yahoo group: T-368_BC-610
Date: 2012-03-09 20:19:37 UTC
From: Todd, KA1KAQ
Topic: 5057  Message: 5063

Got mine from W1DEC in 2006, a D model. Dave/DEC, Mike/W1RC and myself were all looking for a T-368 in our home state of VT about 10 years back or so. Mike had one of the Fair Radio refurbs given to him by a fellow who had purchased it, stored it at his mother's house, then went back to school and lost interest. It was destined for the dump when someone at a club meeting remembered Mike as a boatanchor type and gave him a call. The three of us picked it up one afternoon in total awe.

Dave got the D model shortly thereafter from a fellow in RI. IIRC, he paid $1000 for it. It developed a HV short somewhere or somehow that would trip the breaker with a load BANG anytime you tried to energize the plate circuit.

Life got busier and I never found one, had more or less stopped looking. At my wedding in 2006, Dave came up to me at the reception to inform me that he had a gift for me. He was retiring and moving south to RI, and was giving me his T-368D. Quite a gift! The wedding was in Tampa, but needless to say - it was one of the first things I took care of after returning home to VT.

After moving south myself in 2008 to the state north of Meir, I finally got around to playing with the D model last April when my friend Steve K4HX was visiting. We managed to get it making RF just fine (no idea what the previous problem was), although the transmit frequency jumps around every time the transmitter is keyed. Sounds like the PTO in the exciter unit needs a little attention, hopefully soon.

That's my story and I'm stickin' to it. If anyone has a spare side chart pocket or shockmount base, I'd sure like to take them off your hands.

~ Todd, KA1KAQ/4

On Fri, Mar 9, 2012 at 8:08 AM, Meir WF2U <wf2u@ws19ops.com> wrote:

> **
>
>
> I bought my T-368E about 15 years ago from Fair Radio for $650 plus $150
> shipping. The transmitter was depot refurbished, retubed, tested and boxed
> (at Pirmasens, Germany) according to the paperwork that was attached to it
> -
> before going into storage prior to going for surplus.
> I still have it and plan to keep it for a long time...
>
> 73, Meir WF2U
> Landrum, SC
>

> -----Original Message-----
> From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
> On
> Behalf Of garymosure@...
> Sent: Friday, March 09, 2012 7:31 AM
> To: T-368_BC-610@yahoogroups.com
> Cc: Dave Mayfield W9WRL
> Subject: Re: [T-368_BC-610] t368
>
> Dave thanks,I bought mine about eight years ago at fair radio for 1500.00,I
> guess the price has not change that much. thanks
> ---- Dave Mayfield W9WRL <wrl@...> wrote:
> > Bought mine three years ago for $1500.00, I have seen a few for sale
> > since then from $900 to $1500.00
> >
> > 73 Dave W9WRL.com
> >
> > n8lka wrote:
> > >
> > > I have a t368 model c, that is stock and works great.Just wanted to
> > > know what these things are going for now days.I dont see them for sale
> > > like a few years back.
> > >
> > >
> > >
> > > No virus found in this message.
> > > Checked by AVG - www.avg.com <http://www.avg.com>
> > > Version: 2012.0.1913 / Virus Database: 2114/4859 - Release Date:
> 03/08/12
> > >
> >
> > --
> > 73 Dave W9WRL
> > http://www.w9wrl.com/w9wrl
> > http://www.facebook.com/w9wrl
> >
> >
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> > Yahoo! Groups Links
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[Non-text portions of this message have been removed]

# 5064. FS: OLDER ORIGINAL MILITARY RADIO CRYSTALS

Yahoo group: T-368_BC-610
Date: 2012-03-10 20:36:02 UTC
From: Bry Carling
Topic: 5064  Message: 5064

FOR SALE: ORIGINAL OLDER MILITARY RADIO CRYSTALS
ALL FOR THE AMATEUR BANDS... BC610, BC699, BC611 crystals etc.

CR1A originals for the ARC3, SCR522 radios etc. etc.
http://af4k.com/CR1A_crystals.htm

FT243 Original Full-sized Crystals from WW2 era
http://af4k.com/FT243_CRYSTALS_Originals.htm

DC34 Original Larger Crystals from WW2 era
http://af4k.com/DC34_crystals.htm

Pictures of crystal case and sizes with full dimensions may be found here:
http://af4k.com/crystal_holders.htm

73 and thanks for looking - Bry, AF4K

[Non-text portions of this message have been removed]

# 5065. Re: [T-368_BC-610] FS: OLDER ORIGINAL MILITARY RADIO CRYSTALS

Yahoo group: T-368_BC-610
Date: 2012-03-11 02:15:33 UTC
From: Thomas Chirhart
Topic: 5064  Message: 5065

Bry, the DC-34's are for the BC-669's
73
Tom K4NCG

Sent from my iPhone

On Mar 10, 2012, at 3:36 PM, "Bry Carling" <bcarling@...> wrote:

> FOR SALE: ORIGINAL OLDER MILITARY RADIO CRYSTALS
> ALL FOR THE AMATEUR BANDS... BC610, BC699, BC611 crystals etc.
>
> CR1A originals for the ARC3, SCR522 radios etc. etc.
> http://af4k.com/CR1A_crystals.htm
>
> FT243 Original Full-sized Crystals from WW2 era
> http://af4k.com/FT243_CRYSTALS_Originals.htm
>
> DC34 Original Larger Crystals from WW2 era
> http://af4k.com/DC34_crystals.htm
>
> Pictures of crystal case and sizes with full dimensions may be found here:
> http://af4k.com/crystal_holders.htm
>
> 73 and thanks for looking - Bry, AF4K
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 5066. question bc939

Yahoo group: T-368_BC-610
Date: 2012-03-24 13:25:21 UTC
From: Jan
Topic: 5066  Message: 5066

hello group
we have now a strange bc939 (for us)
the big antenna hole on the back in the hood is (closed) with a big isulater and the other vetilation hole`s are closed .
it looks original and the serial nr is very low
why is this ?
73 pa3hco
Jan Wassink

# 5067. Re: [T-368_BC-610] question bc939

Yahoo group: T-368_BC-610
Date: 2012-03-24 16:04:07 UTC
From: wa5cab@cs.com
Topic: 5066  Message: 5067

Are you certain that it is a BC-939 or TN-339/GRC-26? TMC made one or two similar sized tuners. Although the one I've seen has two meters on the front instead of one.

In a message dated 03/24/2012 08:25:27 AM Central Daylight Time, wassink@... writes:

> hello group
> we have now a strange bc939 (for us)
> the big antenna hole on the back in the hood is (closed) with a big
> isulater and the other vetilation hole`s are closed .
> it looks original and the serial nr is very low
> why is this ?
> 73 pa3hco
> Jan Wassink

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 5068. Re: question bc939

Yahoo group: T-368_BC-610
Date: 2012-03-24 19:37:21 UTC
From: Jan
Topic: 5066  Message: 5068

--- In T-368_BC-610@yahoogroups.com, wa5cab@... wrote:
>
> Are you certain that it is a BC-939 or TN-339/GRC-26? TMC made one or two
> similar sized tuners. Although the one I've seen has two meters on the
> front instead of one.
>
> In a message dated 03/24/2012 08:25:27 AM Central Daylight Time,
> wassink@... writes:
> > hello group
> > we have now a strange bc939 (for us)
> > the big antenna hole on the back in the hood is (closed) with a big
> > isulater and the other vetilation hole`s are closed .
> > it looks original and the serial nr is very low
> > why is this ?
> > 73 pa3hco
> > Jan Wassink
>
> Robert Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
> [Non-text portions of this message have been removed]
>
yes i am sure this is a bc939
i have the bc939/tn-339,and the one from tmc for open line.
but i never saw this one?

# 5069. Re: [T-368_BC-610] Re: question bc939

Yahoo group: T-368_BC-610
Date: 2012-03-24 20:22:12 UTC
From: wa5cab@cs.com
Topic: 5066  Message: 5069

OK. Somewhere (from several years ago), I have some photos of a batch of modifications DOD or DA had done to the T-368 and the TN-339. As best I recall, the transmitter and the tuner got new nomenclatures. But I cannot recall what the nature or purpose of the modifications were. If I turn them up and the tuner has an insulator on the rear, I'll let you know.

In a message dated 03/24/2012 14:37:27 PM Central Daylight Time, wassink@... writes:
> --- In T-368_BC-610@yahoogroups.com, wa5cab@... wrote:
> >
> >Are you certain that it is a BC-939 or TN-339/GRC-26? TMC made one or
> two
> >similar sized tuners. Although the one I've seen has two meters on the
> >front instead of one.
> >
> >In a message dated 03/24/2012 08:25:27 AM Central Daylight Time,
> >wassink@... writes:
> >>hello group
> >>we have now a strange bc939 (for us)
> >>the big antenna hole on the back in the hood is (closed) with a big
> >>isulater and the other vetilation hole`s are closed .
> >>it looks original and the serial nr is very low
> >>why is this ?
> >>73 pa3hco
> >>Jan Wassink
> >
> >Robert Downs - Houston
> >wa5cab dot com (Web Store)
> >MVPA 9480
> >
> >[Non-text portions of this message have been removed]
> >
> yes i am sure this is a bc939
> i have the bc939/tn-339,and the one from tmc for open line.
> but i never saw this one?

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 5070. High voltage arcing debug

Yahoo group: T-368_BC-610
Date: 2012-03-25 22:48:04 UTC
From: Mark J. Blair
Topic: 5070  Message: 5070

I've had my T-368C off the air for a while because it has been overloading and tripping the B+ and/or filament breakers in operation. It seems to be more prone to do this when the weather isn't dry, so I suspect a high voltage arc when the air has a bit of moisture in it.

I picked up a digital insulation resistance tester via eBay, which can test at 500, 100, 2500 or 5000 volts. My high voltage probe tells me that it runs a bit higher than the rated voltage, i.e. around 5200V on the highest range. Note that it supplies negative voltage with respect to ground. I've been using it to energize various high voltage nets inside the rig, with the drawers removed and parts of the circuits disconnected where necessary. My chassis wiring is an open circuit to ground at 5kV. The power supply drawer nets show around 4G ohms to ground with the B+ caps disconnected so I'm not putting 5kV across them, and the modulator deck nets show around 500M ohms with the ground connection of the big bleeder resistor temporarily opened. I haven't checked the B+ caps for breakdown at high voltage yet.

Things get more fun in the RF drawer, though. I heard some arcing at 2500V when I powered up contact E3, the lower high voltage contact at the rear of the deck. After pulling V1 and V2 (the PA and clamper tubes) I didn't hear the arcing, which makes me think it was internal to one of the tubes... and hopefully, I didn't damage either of the tubes by doing this. However, when I turn up the voltage to 5kV (with the tubes removed), I get arcing underneath the V2 socket from pin 2 to the adjacent ground tab on the socket. This may not be the cause of my overloading problem, but it still seems suspicious. I notice that the connection under the chassis between the PA screen and the clamper tube (the net that I'm charging up in this test) is made with ordinary hookup wire through the wiring harness, which seems odd for a net that can see some high voltage. Maybe I don't understand how that net works in operation, though, where the tubes are warmed up before B+ is applied. I know that 5kV is a lot higher than normal operating voltage, but I'm looking for the weak link(s) in the high voltage wiring and insulators.

I don't think that this particular under-socket arc is my main problem, but I'll still clean up the crud on the socket bottom and bend that ground tab a bit farther away.

I haven't found any other obvious HV wiring problems yet, including where the HV wires pass through the chassis. I've been poking and prodding those wires with my shorting stick while under test to help find any weak spots in the insulation.

Does it sound like I'm on the right path to locate my suspected arcing path? Can y'all see anything wrong with the way I'm approaching this?

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 5071. Re: [T-368_BC-610] High voltage arcing debug

Yahoo group: T-368_BC-610
Date: 2012-03-26 01:23:30 UTC
From: mac
Topic: 5070  Message: 5071

Mark,

Sounds like your PS and Mod decks OK. As I recall your problem was only under modulation and the caps in the PS are running at the same voltage (2500) whether you're talking or not.

In the RF deck, contact E3 runs through an 80K resistor (R4, the big job on the top of the chassis) over to the clamp tube and also to the screen grid of the 4-400. In normal operation the clamp tube is does not conduct, being biased to cut-off by the grid bias developed across R1 and R2 in the grid circuit if the 4-400. The screen grid in the 4-400 draws current, though, which causes a voltage drop across R4 down to about 300 volts, the normal operating range for the screen of a 4-400. If RF drive to the 4-400 is lost, the clamp tube conducts dragging the screen voltage down even lower to a point where the 4-400 plate will only draw about 140ma or 350 watts. All goes into making heat in the tube and not RF but is within the dissipation rating of the 4-400 and it can run all day at that way without destroying itself. The T-368 runs just that way in the CW mode, BTW. Keying is done back down the RF chain and the PA is left to take care of itself.

Now, when you applied 2500 volts to E3 with the tubes off, no current was drawn by either the clamp tube or the 4-400 so the full 2500 was applied to the plate cap and pin 2 on the clamp tube and also to pins 2 and 4 on the 4-400 socket. i would suspect the arcing you heard at that point was happening inside or in the base of the clamp tube where the leads are rather close together. May or may not have damaged the tube. When you pulled the tubes, no problem until you reached 5KV at which point the spacing on the socket pins was not enough. Not the problem you're chasing, though, because in normal operation the voltages at those points don't get anywhere near that high.

Doesn't appear you have put the juice to terminal E1yet. That would stress the circuit over to the plate of the 4-400, M3, C10, etc., and also a pair of feed-through insulators, both of which I have had to replace i my Basic. Would also recommend checking the HV wiring between the drawers in the cabinet.

Hope this helps.

Dennis

**********

On Mar 25, 2012, at 3:48 PM, Mark J. Blair wrote:

> I've had my T-368C off the air for a while because it has been
> overloading and tripping the B+ and/or filament breakers in
> operation. It seems to be more prone to do this when the weather
> isn't dry, so I suspect a high voltage arc when the air has a bit of
> moisture in it.
>
> I picked up a digital insulation resistance tester via eBay, which
> can test at 500, 100, 2500 or 5000 volts. My high voltage probe
> tells me that it runs a bit higher than the rated voltage, i.e.
> around 5200V on the highest range. Note that it supplies negative
> voltage with respect to ground. I've been using it to energize
> various high voltage nets inside the rig, with the drawers removed
> and parts of the circuits disconnected where necessary. My chassis
> wiring is an open circuit to ground at 5kV. The power supply drawer
> nets show around 4G ohms to ground with the B+ caps disconnected so
> I'm not putting 5kV across them, and the modulator deck nets show
> around 500M ohms with the ground connection of the big bleeder
> resistor temporarily opened. I haven't checked the B+ caps for
> breakdown at high voltage yet.
>
> Things get more fun in the RF drawer, though. I heard some arcing at
> 2500V when I powered up contact E3, the lower high voltage contact
> at the rear of the deck. After pulling V1 and V2 (the PA and clamper
> tubes) I didn't hear the arcing, which makes me think it was
> internal to one of the tubes... and hopefully, I didn't damage
> either of the tubes by doing this. However, when I turn up the
> voltage to 5kV (with the tubes removed), I get arcing underneath the
> V2 socket from pin 2 to the adjacent ground tab on the socket. This
> may not be the cause of my overloading problem, but it still seems
> suspicious. I notice that the connection under the chassis between
> the PA screen and the clamper tube (the net that I'm charging up in
> this test) is made with ordinary hookup wire through the wiring
> harness, which seems odd for a net that can see some high voltage.
> Maybe I don't understand how that net works in operation, though,
> where the tubes are warmed up before B+ is applied. I know tha t 5kV
> is a lot higher than normal operating voltage, but I'm looking for
> the weak link(s) in the high voltage wiring and insulators.
>
> I don't think that this particular under-socket arc is my main
> problem, but I'll still clean up the crud on the socket bottom and
> bend that ground tab a bit farther away.
>
> I haven't found any other obvious HV wiring problems yet, including
> where the HV wires pass through the chassis. I've been poking and
> prodding those wires with my shorting stick while under test to help
> find any weak spots in the insulation.
>
> Does it sound like I'm on the right path to locate my suspected
> arcing path? Can y'all see anything wrong with the way I'm
> approaching this?
>

> --
> Mark J. Blair, NF6X <nf6x@...>
> http://www.nf6x.net/
>
>

[Non-text portions of this message have been removed]

# 5072. Re: [T-368_BC-610] High voltage arcing debug

Yahoo group: T-368_BC-610
Date: 2012-03-26 03:25:46 UTC
From: Mark J. Blair
Topic: 5070  Message: 5072

On Mar 25, 2012, at 18:23 , mac wrote:
> Sounds like your PS and Mod decks OK. As I recall your problem was only under modulation and the caps in the PS are running at the same voltage (2500) whether you're talking or not.

If I recall correctly, it happens after key-down, but I don't recall that I had to talk to make it pop. I may do some more power-on testing to determine more about what's failing if I can't turn up an obvious problem with the megger.

> In the RF deck, [...] Not the problem you're chasing, though, because in normal operation the voltages at those points don't get anywhere near that high.

Thanks for the great description! Yeah, that arc-over isn't my problem. I'll still clean the socket and bend the ground tab for good measure.

> Doesn't appear you have put the juice to terminal E1yet. That would stress the circuit over to the plate of the 4-400, M3, C10, etc., and also a pair of feed-through insulators, both of which I have had to replace i my Basic. Would also recommend checking the HV wiring between the drawers in the cabinet.

I've done E5, the antenna contact up on top. No problem seen, but I'll give it more attention.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 5073. Re: question bc939

Yahoo group: T-368_BC-610
Date: 2012-03-26 18:44:06 UTC
From: Jan
Topic: 5066  Message: 5073

oke Robert
i have now some photo`s
maybe there is sombody for an answer
73
pa3hco

--- In T-368_BC-610@yahoogroups.com, wa5cab@... wrote:
>
> OK. Somewhere (from several years ago), I have some photos of a batch of
> modifications DOD or DA had done to the T-368 and the TN-339. As best I
> recall, the transmitter and the tuner got new nomenclatures. But I cannot
> recall what the nature or purpose of the modifications were. If I turn them up
> and the tuner has an insulator on the rear, I'll let you know.
>
> In a message dated 03/24/2012 14:37:27 PM Central Daylight Time,
> wassink@... writes:
> > --- In T-368_BC-610@yahoogroups.com, wa5cab@ wrote:
> > >
> > >Are you certain that it is a BC-939 or TN-339/GRC-26? TMC made one or
> > two
> > >similar sized tuners. Although the one I've seen has two meters on the
> > >front instead of one.
> > >
> > >In a message dated 03/24/2012 08:25:27 AM Central Daylight Time,
> > >wassink@ writes:
> > >>hello group
> > >>we have now a strange bc939 (for us)
> > >>the big antenna hole on the back in the hood is (closed) with a big
> > >>isulater and the other vetilation hole`s are closed .
> > >>it looks original and the serial nr is very low
> > >>why is this ?
> > >>73 pa3hco
> > >>Jan Wassink
> > >
> > >Robert Downs - Houston
> > >wa5cab dot com (Web Store)
> > >MVPA 9480
> > >
> > >[Non-text portions of this message have been removed]
> > >
> > yes i am sure this is a bc939
> > i have the bc939/tn-339,and the one from tmc for open line.
> > but i never saw this one?
>
> Robert Downs - Houston

> wa5cab dot com (Web Store)
> MVPA 9480
>
> [Non-text portions of this message have been removed]
>

# 5074. Re: [T-368_BC-610] High voltage arcing debug

Yahoo group: T-368_BC-610
Date: 2012-03-26 23:53:45 UTC
From: Joe Foley
Topic: 5070  Message: 5074

Clean, clean, clean, look for cracked insulators, carbon tracking, cracked wiring insulation, etc.

Cracks in the wire insulation may be hard to spot.

Don't forget to clean the china and silver, too.

Joe

--- On Sun, 3/25/12, Mark J. Blair <nf6x@...> wrote:

From: Mark J. Blair <nf6x@nf6x.net>
Subject: [T-368_BC-610] High voltage arcing debug
To: "T-368_BC-610 Group Group" <T-368_BC-610@yahoogroups.com>
Date: Sunday, March 25, 2012, 6:48 PM

I've had my T-368C off the air for a while because it has been overloading and tripping the B+ and/or filament breakers in operation. It seems to be more prone to do this when the weather isn't dry, so I suspect a high voltage arc when the air has a bit of moisture in it.

I picked up a digital insulation resistance tester via eBay, which can test at 500, 100, 2500 or 5000 volts. My high voltage probe tells me that it runs a bit higher than the rated voltage, i.e. around 5200V on the highest range. Note that it supplies negative voltage with respect to ground. I've been using it to energize various high voltage nets inside the rig, with the drawers removed and parts of the circuits disconnected where necessary. My chassis wiring is an open circuit to ground at 5kV. The power supply drawer nets show around 4G ohms to ground with the B+ caps disconnected so I'm not putting 5kV across them, and the modulator deck nets show around 500M ohms with the ground connection of the big bleeder resistor temporarily opened. I haven't checked the B+ caps for breakdown at high voltage yet.

Things get more fun in the RF drawer, though. I heard some arcing at 2500V when I powered up contact E3, the lower high voltage contact at the rear of the deck. After pulling V1 and V2 (the PA and clamper tubes) I didn't hear the arcing, which makes me think it was internal to one of the tubes... and hopefully, I didn't damage either of the tubes by doing this. However, when I turn up the voltage to 5kV (with the tubes removed), I get arcing underneath the V2 socket from pin 2 to the adjacent ground tab on the socket. This may not be the cause of my overloading problem, but it still seems suspicious. I notice that the connection under the chassis between the PA screen and the clamper tube (the net that I'm charging up in this test) is made with ordinary hookup wire through the wiring harness, which seems odd for a net that can see some high voltage. Maybe I don't understand how that net works in operation, though, where the tubes are warmed up before B+ is applied. I know that 5kV is a lot higher than normal operating voltage, but I'm looking for the weak link(s) in the high voltage wiring and insulators.

I don't think that this particular under-socket arc is my main problem, but I'll still clean up the crud on the socket bottom and bend that ground tab a bit farther away.

I haven't found any other obvious HV wiring problems yet, including where the HV wires pass through the chassis. I've been poking and prodding those wires with my shorting stick while under test to help find any weak spots in the insulation.

Does it sound like I'm on the right path to locate my suspected arcing path? Can y'all see anything wrong with the way I'm approaching this?

--

Mark J. Blair, NF6X <nf6x@...>

http://www.nf6x.net/

[Non-text portions of this message have been removed]

# 5075. RE: [T-368_BC-610] High voltage arcing debug

Yahoo group: T-368_BC-610
Date: 2012-03-28 14:49:12 UTC
From: Tom Mackie
Topic: 5070  Message: 5075

Mark,

Is the end-result that the HV breaker trips? Do you have a problem upon key up/dead carrier/heavy modulation?

First thought is that there is a weak spot in the tank circuit where a bracket is a too close to one of the coils. Others may be able to tell you specifically where this is as it seemed to be a common issue.

Tom

W2ILA

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Joe Foley
Sent: Monday, March 26, 2012 7:54 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] High voltage arcing debug

Clean, clean, clean, look for cracked insulators, carbon tracking, cracked wiring insulation, etc.

Cracks in the wire insulation may be hard to spot.

Don't forget to clean the china and silver, too.

Joe

--- On Sun, 3/25/12, Mark J. Blair <nf6x@... <mailto:nf6x%40nf6x.net> > wrote:

From: Mark J. Blair <nf6x@... <mailto:nf6x%40nf6x.net> >
Subject: [T-368_BC-610] High voltage arcing debug
To: "T-368_BC-610 Group Group" <T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com> >
Date: Sunday, March 25, 2012, 6:48 PM

I've had my T-368C off the air for a while because it has been overloading and tripping the B+ and/or filament breakers in operation. It seems to be more prone to do this when the weather isn't dry, so I suspect a high voltage arc when the air has a bit of moisture in it.

I picked up a digital insulation resistance tester via eBay, which can test at 500, 100, 2500 or 5000 volts. My high voltage probe tells me that it runs a bit higher than the rated voltage, i.e. around 5200V on the highest range. Note that it supplies negative voltage with respect to ground. I've been using it to energize various high voltage nets inside the rig, with the drawers removed and parts of the circuits disconnected where necessary. My chassis wiring is an open circuit to ground at 5kV. The power supply drawer nets show around 4G ohms to ground with the B+ caps disconnected so I'm not putting 5kV across them,

and the modulator deck nets show around 500M ohms with the ground connection of the big bleeder resistor temporarily opened. I haven't checked the B+ caps for breakdown at high voltage yet.

Things get more fun in the RF drawer, though. I heard some arcing at 2500V when I powered up contact E3, the lower high voltage contact at the rear of the deck. After pulling V1 and V2 (the PA and clamper tubes) I didn't hear the arcing, which makes me think it was internal to one of the tubes... and hopefully, I didn't damage either of the tubes by doing this. However, when I turn up the voltage to 5kV (with the tubes removed), I get arcing underneath the V2 socket from pin 2 to the adjacent ground tab on the socket. This may not be the cause of my overloading problem, but it still seems suspicious. I notice that the connection under the chassis between the PA screen and the clamper tube (the net that I'm charging up in this test) is made with ordinary hookup wire through the wiring harness, which seems odd for a net that can see some high voltage. Maybe I don't understand how that net works in operation, though, where the tubes are warmed up before B+
is applied. I know that 5kV is a lot higher than normal operating voltage, but I'm looking for the weak link(s) in the high voltage wiring and insulators.

I don't think that this particular under-socket arc is my main problem, but I'll still clean up the crud on the socket bottom and bend that ground tab a bit farther away.

I haven't found any other obvious HV wiring problems yet, including where the HV wires pass through the chassis. I've been poking and prodding those wires with my shorting stick while under test to help find any weak spots in the insulation.

Does it sound like I'm on the right path to locate my suspected arcing path? Can y'all see anything wrong with the way I'm approaching this?

--

Mark J. Blair, NF6X <nf6x@... <mailto:nf6x%40nf6x.net> >

http://www.nf6x.net/

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5076. Re: [T-368_BC-610] High voltage arcing debug

Yahoo group: T-368_BC-610
Date: 2012-03-28 16:06:18 UTC
From: Mark J. Blair
Topic: 5070  Message: 5076

On Mar 28, 2012, at 07:49 , Tom Mackie wrote:
> Is the end-result that the HV breaker trips? Do you have a problem upon key up/dead carrier/heavy modulation?

Usually the HV breaker trips, IIRC. I seem to recall that it happens on dead carrier. So far I haven't found any carbon tracks on insulators, or any cracking of the HV wiring. Testing at around -5200V with my insulation resistance tester hasn't found any issues yet.

Maybe I'll fire the Tx back up this weekend to see how it's behaving...

> First thought is that there is a weak spot in the tank circuit where a bracket is a too close to one of the coils. Others may be able to tell you specifically where this is as it seemed to be a common issue.

I'll look there some more. I haven't been able to recreate the problem at -5200V DC, but maybe the arc gets initiated by higher voltage peaks in a resonant circuit?

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 5077. Re: [T-368_BC-610] High voltage arcing debug

Yahoo group: T-368_BC-610
Date: 2012-03-28 23:40:30 UTC
From: Joe Foley
Topic: 5070  Message: 5077

Check that the mechanical counters are aligned where you think they are, that is that the numbers shown are the ones that the transmitter is actually tuned to.  If it is way off freq it could do that, too.

Joe

--- On Wed, 3/28/12, Mark J. Blair <nf6x@...> wrote:

From: Mark J. Blair <nf6x@...>
Subject: Re: [T-368_BC-610] High voltage arcing debug
To: T-368_BC-610@yahoogroups.com
Date: Wednesday, March 28, 2012, 12:06 PM

On Mar 28, 2012, at 07:49 , Tom Mackie wrote:

> Is the end-result that the HV breaker trips? Do you have a problem upon key up/dead carrier/heavy modulation?

Usually the HV breaker trips, IIRC. I seem to recall that it happens on dead carrier. So far I haven't found any carbon tracks on insulators, or any cracking of the HV wiring. Testing at around -5200V with my insulation resistance tester hasn't found any issues yet.

Maybe I'll fire the Tx back up this weekend to see how it's behaving...

> First thought is that there is a weak spot in the tank circuit where a bracket is a too close to one of the coils. Others may be able to tell you specifically where this is as it seemed to be a common issue.

I'll look there some more. I haven't been able to recreate the problem at -5200V DC, but maybe the arc gets initiated by higher voltage peaks in a resonant circuit?

--

Mark J. Blair, NF6X <nf6x@nf6x.net>

http://www.nf6x.net/

[Non-text portions of this message have been removed]

# 5078. RE: [T-368_BC-610] High voltage arcing debug

Yahoo group: T-368_BC-610
Date: 2012-03-28 23:43:52 UTC
From: Joe Foley
Topic: 5070  Message: 5078

Check the HV wiring under the 3B28's it's all very close there, maybe you're not looking for a crack, just a 'weak' spot in the insulation.  Just for something to do try putting some more insulation on the wires where they cross or where they go through the chassis.

Make sure the spark gaps are at the proper distance and ALL is clean, clean, clean.

Joe

--- On Wed, 3/28/12, Tom Mackie <tom_mackie@...> wrote:

From: Tom Mackie <tom_mackie@...>
Subject: RE: [T-368_BC-610] High voltage arcing debug
To: T-368_BC-610@yahoogroups.com
Date: Wednesday, March 28, 2012, 10:49 AM

Mark,

Is the end-result that the HV breaker trips? Do you have a problem upon key up/dead carrier/heavy modulation?

First thought is that there is a weak spot in the tank circuit where a bracket is a too close to one of the coils. Others may be able to tell you specifically where this is as it seemed to be a common issue.

Tom

W2ILA

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Joe Foley

Sent: Monday, March 26, 2012 7:54 PM

To: T-368_BC-610@yahoogroups.com

Subject: Re: [T-368_BC-610] High voltage arcing debug

Clean, clean, clean, look for cracked insulators, carbon tracking, cracked wiring insulation, etc.

Cracks in the wire insulation may be hard to spot.

Don't forget to clean the china and silver, too.

Joe

--- On Sun, 3/25/12, Mark J. Blair <nf6x@... <mailto:nf6x%40nf6x.net> > wrote:

From: Mark J. Blair <nf6x@... <mailto:nf6x%40nf6x.net> >

Subject: [T-368_BC-610] High voltage arcing debug

To: "T-368_BC-610 Group Group" <T-368_BC-610@yahoogroups.com
<mailto:T-368_BC-610%40yahoogroups.com> >

Date: Sunday, March 25, 2012, 6:48 PM

I've had my T-368C off the air for a while because it has been overloading and tripping the B+ and/or filament breakers in operation. It seems to be more prone to do this when the weather isn't dry, so I suspect a high voltage arc when the air has a bit of moisture in it.

I picked up a digital insulation resistance tester via eBay, which can test at 500, 100, 2500 or 5000 volts. My high voltage probe tells me that it runs a bit higher than the rated voltage, i.e. around 5200V on the highest range. Note that it supplies negative voltage with respect to ground. I've been using it to energize various high voltage nets inside the rig, with the drawers removed and parts of the circuits disconnected where necessary. My chassis wiring is an open circuit to ground at 5kV. The power supply drawer nets show around 4G ohms to ground with the B+ caps disconnected so I'm not putting 5kV across them, and the modulator deck nets show around 500M ohms with the ground connection of the big bleeder resistor temporarily opened. I haven't checked the B+ caps for breakdown at high voltage yet.

Things get more fun in the RF drawer, though. I heard some arcing at 2500V when I powered up contact E3, the lower high voltage contact at the rear of the deck. After pulling V1 and V2 (the PA and clamper tubes) I didn't hear the arcing, which makes me think it was internal to one of the tubes... and hopefully, I didn't damage either of the tubes by doing this. However, when I turn up the voltage to 5kV (with the tubes removed), I get arcing underneath the V2 socket from pin 2 to the adjacent ground tab on the socket. This may not be the cause of my overloading problem, but it still seems suspicious. I notice that the connection under the chassis between the PA screen and the clamper tube (the net that I'm charging up in this test) is made with ordinary hookup wire through the wiring harness, which seems odd for a net that can see some high voltage. Maybe I don't understand how that net works in operation, though, where the tubes are warmed up before B+

is applied. I know that 5kV is a lot higher than normal operating voltage, but I'm looking for the weak link(s) in the high voltage wiring and insulators.

I don't think that this particular under-socket arc is my main problem, but I'll still clean up the crud on the socket bottom and bend that ground tab a bit farther away.

I haven't found any other obvious HV wiring problems yet, including where the HV wires pass through the chassis. I've been poking and prodding those wires with my shorting stick while under test to help find any weak spots in the insulation.

Does it sound like I'm on the right path to locate my suspected arcing path? Can y'all see anything wrong with the way I'm approaching this?

--

Mark J. Blair, NF6X <nf6x@... <mailto:nf6x%40nf6x.net> >

http://www.nf6x.net/

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[Non-text portions of this message have been removed]

# 5079. RE: [T-368_BC-610] High voltage arcing debug

Yahoo group: T-368_BC-610
Date: 2012-03-29 03:11:24 UTC
From: Tom Mackie
Topic: 5070  Message: 5079

Good thought Joe –

Mark: do you get the same results if you switch HV to the tune position?

Separately, I'll email you directly on Saturday where I had problems with a zorch in the tank that was cleaned up by trimming back the sharp edge of a bracket.

73

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Joe Foley
Sent: Wednesday, March 28, 2012 7:41 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] High voltage arcing debug

Check that the mechanical counters are aligned where you think they are, that is that the numbers shown are the ones that the transmitter is actually tuned to. If it is way off freq it could do that, too.

Joe

--- On Wed, 3/28/12, Mark J. Blair <nf6x@... <mailto:nf6x%40nf6x.net> > wrote:

From: Mark J. Blair <nf6x@... <mailto:nf6x%40nf6x.net> >
Subject: Re: [T-368_BC-610] High voltage arcing debug
To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
Date: Wednesday, March 28, 2012, 12:06 PM

On Mar 28, 2012, at 07:49 , Tom Mackie wrote:

> Is the end-result that the HV breaker trips? Do you have a problem upon key up/dead carrier/heavy modulation?

Usually the HV breaker trips, IIRC. I seem to recall that it happens on dead carrier. So far I haven't found any carbon tracks on insulators, or any cracking of the HV wiring. Testing at around -5200V with my insulation resistance tester hasn't found any issues yet.

Maybe I'll fire the Tx back up this weekend to see how it's behaving...

> First thought is that there is a weak spot in the tank circuit where a bracket is a too close to one of the coils. Others may be able to tell you specifically where this is as it seemed to be a common issue.

I'll look there some more. I haven't been able to recreate the problem at -5200V DC, but maybe the arc gets initiated by higher voltage peaks in a resonant circuit?

--

Mark J. Blair, NF6X <nf6x@... <mailto:nf6x%40nf6x.net> >

http://www.nf6x.net/

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5080. RE: [T-368_BC-610] High voltage arcing debug

Yahoo group: T-368_BC-610
Date: 2012-03-29 03:45:43 UTC
From: Mark Donaldson
Topic: 5070  Message: 5080

I found a tricky spot where the high voltage was breaking down to ground on my T3, it was on the inside of the high voltage feed thru insulator on the back of the RF deck, the one that carries the modulated B+ from the spring contact finger. You actually have to pull the insulator apart and look inside to check it. Mine was filled with bits of carbon and some black tar like substance. upon further investigation I found that It is not uncommon for these to fail. In the case of my T3 it would trip the breaker when modulation approached 100% but that was due to the breakdown being on the insulator that carried the modulated B+. Other insulators will probably exhibit different failure modes. Some insulators have been known to have tiny holes punch right through them when they arc over to the chassis. Hope this helps.

Mark WA1QHQ

--- On Wed, 3/28/12, Tom Mackie <tom_mackie@trimble.com> wrote:

From: Tom Mackie <tom_mackie@...>
Subject: RE: [T-368_BC-610] High voltage arcing debug
To: T-368_BC-610@yahoogroups.com
Date: Wednesday, March 28, 2012, 11:11 PM

Good thought Joe –

Mark: do you get the same results if you switch HV to the tune position?

Separately, I'll email you directly on Saturday where I had problems with a zorch in the tank that was cleaned up by trimming back the sharp edge of a bracket.

73

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Joe Foley
Sent: Wednesday, March 28, 2012 7:41 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] High voltage arcing debug

Check that the mechanical counters are aligned where you think they are, that is that the numbers shown are the ones that the transmitter is actually tuned to. If it is way off freq it could do that, too.

Joe

--- On Wed, 3/28/12, Mark J. Blair <nf6x@nf6x.net <mailto:nf6x%40nf6x.net> > wrote:

From: Mark J. Blair <nf6x@... <mailto:nf6x%40nf6x.net> >
Subject: Re: [T-368_BC-610] High voltage arcing debug
To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
Date: Wednesday, March 28, 2012, 12:06 PM

On Mar 28, 2012, at 07:49 , Tom Mackie wrote:

> Is the end-result that the HV breaker trips? Do you have a problem upon key up/dead carrier/heavy modulation?

Usually the HV breaker trips, IIRC. I seem to recall that it happens on dead carrier. So far I haven't found any carbon tracks on insulators, or any cracking of the HV wiring. Testing at around -5200V with my insulation resistance tester hasn't found any issues yet.

Maybe I'll fire the Tx back up this weekend to see how it's behaving...

> First thought is that there is a weak spot in the tank circuit where a bracket is a too close to one of the coils. Others may be able to tell you specifically where this is as it seemed to be a common issue.

I'll look there some more. I haven't been able to recreate the problem at -5200V DC, but maybe the arc gets initiated by higher voltage peaks in a resonant circuit?

--

Mark J. Blair, NF6X <nf6x@nf6x.net <mailto:nf6x%40nf6x.net> >

http://www.nf6x.net/

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[Non-text portions of this message have been removed]

# 5081. Re: [T-368_BC-610] High voltage arcing debug

Yahoo group: T-368_BC-610
Date: 2012-03-29 03:59:55 UTC
From: mac
Topic: 5070  Message: 5081

Mark,

Yes, I've replace two insulators in the PA deck of my Basic that did
this, see <http://groups.yahoo.com/group/T-368_BC-610/photos/album/963503669/pic/list
> Same symptoms that you experienced.

Dennis D. W7QHO
Glendale, CA

On Mar 28, 2012, at 8:45 PM, Mark Donaldson wrote:

> I found a tricky spot where the high voltage was breaking down to
> ground on my T3, it was on the inside of the high voltage feed thru
> insulator on the back of the RF deck, the one that carries the
> modulated B+ from the spring contact finger. You actually have to
> pull the insulator apart and look inside to check it. Mine was
> filled with bits of carbon and some black tar like substance. upon
> further investigation I found that It is not uncommon for these to
> fail. In the case of my T3 it would trip the breaker when modulation
> approached 100% but that was due to the breakdown being on the
> insulator that carried the modulated B+. Other insulators will
> probably exhibit different failure modes. Some insulators have been
> known to have tiny holes punch right through them when they arc over
> to the chassis. Hope this helps.
>
> Mark WA1QHQ

[Non-text portions of this message have been removed]

# 5082. Re: [T-368_BC-610] High voltage arcing debug

Yahoo group: T-368_BC-610
Date: 2012-03-29 04:03:36 UTC
From: Mark J. Blair
Topic: 5070  Message: 5082

On Mar 28, 2012, at 20:11 , Tom Mackie wrote:
> Mark: do you get the same results if you switch HV to the tune position?

I haven't noticed any problems in tune position that I can recall. I've had the radio down for over a month, though, so I may have forgotten something. I'll give it another test run when I have a chance. I just got a new toy (a 5-ton 6x6 military truck from a government auction), so my attention is divided right now! :)

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 5083. Re: [T-368_BC-610] High voltage arcing debug

Yahoo group: T-368_BC-610
Date: 2012-03-29 04:06:15 UTC
From: Mark J. Blair
Topic: 5070  Message: 5083

On Mar 28, 2012, at 20:45 , Mark Donaldson wrote:
> I found a tricky spot where the high voltage was breaking down to ground on my T3, it was on the inside of the high voltage feed thru insulator on the back of the RF deck, the one that carries the modulated B+ from the spring contact finger. You actually have to pull the insulator apart and look inside to check it. Mine was filled with bits of carbon and some black tar like substance. upon further investigation I found that It is not uncommon for these to fail. In the case of my T3 it would trip the breaker when modulation approached 100% but that was due to the breakdown being on the insulator that carried the modulated B+. Other insulators will probably exhibit different failure modes. Some insulators have been known to have tiny holes punch right through them when they arc over to the chassis. Hope this helps.

I've checked/cleaned/de-tarnished the HV contact on the power deck, but not the other decks yet. I'll go through them next. Even though I'm not reproducing the problem with DC from my insulation resistance meter yet, it may be that something is different enough in normal operation to make a difference in this failure mode.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 5084. Re: [T-368_BC-610] High voltage arcing debug

Yahoo group: T-368_BC-610
Date: 2012-03-29 04:15:45 UTC
From: Mark Donaldson
Topic: 5070  Message: 5084

Mark,

Just make sure you separate the two halfs of the feed through insulators when you inspect them and check their insides for carbon paths. Be careful not to damage the insulators when separating the halves.

WA1QHQ

--- On Thu, 3/29/12, Mark J. Blair <nf6x@...> wrote:

From: Mark J. Blair <nf6x@...>
Subject: Re: [T-368_BC-610] High voltage arcing debug
To: T-368_BC-610@yahoogroups.com
Date: Thursday, March 29, 2012, 12:06 AM

On Mar 28, 2012, at 20:45 , Mark Donaldson wrote:
> I found a tricky spot where the high voltage was breaking down to ground on my T3, it was on the inside of the high voltage feed thru insulator on the back of the RF deck, the one that carries the modulated B+ from the spring contact finger. You actually have to pull the insulator apart and look inside to check it. Mine was filled with bits of carbon and some black tar like substance. upon further investigation I found that It is not uncommon for these to fail. In the case of my T3 it would trip the breaker when modulation approached 100% but that was due to the breakdown being on the insulator that carried the modulated B+. Other insulators will probably exhibit different failure modes. Some insulators have been known to have tiny holes punch right through them when they arc over to the chassis. Hope this helps.

I've checked/cleaned/de-tarnished the HV contact on the power deck, but not the other decks yet. I'll go through them next. Even though I'm not reproducing the problem with DC from my insulation resistance meter yet, it may be that something is different enough in normal operation to make a difference in this failure mode.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

[Non-text portions of this message have been removed]

# 5085. Re: [T-368_BC-610] High voltage arcing debug

Yahoo group: T-368_BC-610
Date: 2012-03-30 00:17:31 UTC
From: Joe Foley
Topic: 5070  Message: 5085

AH!  There's the problem!

A high potential attention divider.

Joe

--- On Thu, 3/29/12, Mark J. Blair <nf6x@...t> wrote:

From: Mark J. Blair <nf6x@...>
Subject: Re: [T-368_BC-610] High voltage arcing debug
To: T-368_BC-610@yahoogroups.com
Date: Thursday, March 29, 2012, 12:03 AM

On Mar 28, 2012, at 20:11 , Tom Mackie wrote:
> Mark: do you get the same results if you switch HV to the tune position?

I haven't noticed any problems in tune position that I can recall. I've had the radio down for over a month, though, so I may have forgotten something. I'll give it another test run when I have a chance. I just got a new toy (a 5-ton 6x6 military truck from a government auction), so my attention is divided right now! :)

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

[Non-text portions of this message have been removed]

# 5086. Re: [T-368_BC-610] High voltage arcing debug

Yahoo group: T-368_BC-610
Date: 2012-03-30 00:20:14 UTC
From: Joe Foley
Topic: 5070  Message: 5086

Wow, that's got some interesting holes burned into it.  What did the inside look like>

Joe

--- On Wed, 3/28/12, mac <w7qho@...> wrote:

From: mac <w7qho@...>
Subject: Re: [T-368_BC-610] High voltage arcing debug
To: "Mark Donaldson" <wa1qhq@...>
Cc: T-368_BC-610@yahoogroups.com
Date: Wednesday, March 28, 2012, 11:59 PM

Mark,

Yes, I've replace two insulators in the PA deck of my Basic that did
this, see <http://groups.yahoo.com/group/T-368_BC-610/photos/album/963503669/pic/list
> Same symptoms that you experienced.

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 5087. Re: [T-368_BC-610] High voltage arcing debug

Yahoo group: T-368_BC-610
Date: 2012-03-30 00:37:21 UTC
From: mac
Topic: 5070  Message: 5087

Joe,

Don't quite understand your question. The conducting path was through
the ceramic to the center conductor but the hole where the bolt went
through too skinny to get a look-see. Could see burn marks on the
bolt,of course, and on the chassis opening where the insulator was
mounted.

DD

***************

On Mar 29, 2012, at 5:20 PM, Joe Foley wrote:

> Wow, that's got some interesting holes burned into it. What did the
> inside look like>
>
> Joe
>
>
>
> --- On Wed, 3/28/12, mac <w7qho@...> wrote:
>
> From: mac <w7qho@...>
> Subject: Re: [T-368_BC-610] High voltage arcing debug
> To: "Mark Donaldson" <wa1qhq@...>
> Cc: T-368_BC-610@yahoogroups.com
> Date: Wednesday, March 28, 2012, 11:59 PM
>
>
>
> Mark,
>
> Yes, I've replace two insulators in the PA deck of my Basic that did
> this, see <http://groups.yahoo.com/group/T-368_BC-610/photos/album/963503669/pic/list
> > Same symptoms that you experienced.
>
> Dennis D. W7QHO
> Glendale, CA
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 5088. Re: [T-368_BC-610] High voltage arcing debug

Yahoo group: T-368_BC-610
Date: 2012-03-30 13:54:15 UTC
From: Mark J. Blair
Topic: 5070  Message: 5088

On Mar 29, 2012, at 17:17 , Joe Foley wrote:
> AH! There's the problem!
>
> A high potential attention divider.

LOL! Good one!

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 5089. post

Yahoo group: T-368_BC-610
Date: 2012-04-04 18:53:47 UTC
From: Alan Morriss
Topic: 3200  Message: 5089

hello guys , jim yates in alabama has a BC610 modulation transformer for disposal. if anuyone is interested, i can give contact details . alan G4GEN

[Non-text portions of this message have been removed]

# 5090. Re: [T-368_BC-610] post

Yahoo group: T-368_BC-610
Date: 2012-04-04 19:11:51 UTC
From: bob mccully
Topic: 3200  Message: 5090

Alan, Yes, please.  Bob McCully AB8OP  BC-610E

---
From: Alan Morriss <mohawk@...>
To: T-368_BC-610@yahoogroups.com
Sent: Wednesday, April 4, 2012 2:53 PM
Subject: [T-368_BC-610] post

hello guys , jim yates in alabama has a BC610 modulation transformer for disposal. if anuyone is interested, i can give contact details . alan G4GEN

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5091. reply

Yahoo group: T-368_BC-610
Date: 2012-04-05 07:18:53 UTC
From: Alan Morriss
Topic: 4438  Message: 5091

hello bob , the email is : jamesyates1935@... . he seems areally nice guy, and has just sent me a 250TH and a 100TH . he has a few more bits and pieces. alan

[Non-text portions of this message have been removed]

# 5092. Re: [T-368_BC-610] reply

Yahoo group: T-368_BC-610
Date: 2012-04-05 16:02:57 UTC
From: bob mccully
Topic: 4438  Message: 5092

Alan, Thank you.  Bob  AB8OP

---
From: Alan Morriss <mohawk@...>
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, April 5, 2012 3:18 AM
Subject: [T-368_BC-610] reply

hello bob , the email is : jamesyates1935@... . he seems areally nice guy, and has just sent me a 250TH and a 100TH . he has a few more bits and pieces. alan

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5093. FS: Groups of PL259 - SO239 Connectors

Yahoo group: T-368_BC-610
Date: 2012-04-06 15:12:14 UTC
From: Bry Carling
Topic: 5093  Message: 5093

FOR SALE:

Over PL259 / SO239 plugs, sockets, adapters etc. for RF coaxial connections.

Each group has about 15 - 20 pieces of mostly new / new old stock PL259 and SO 239 connectors and adapters of all kinds. These normally sell for several
dollars a piece. Some of these include a few odd 'N' connector or adapter etc. I have added a couple of other pieces
to these kits to sweeten the deal.

The remaining groups are each available for $12.00 per group plus shipping.

Pictures and details with ordering buttons are available here:

http://www.af4k.com/connects.htm

73 & thanks for looking - Bry, AF4K

[Non-text portions of this message have been removed]

# 5094. BC-610 not starting.

Yahoo group: T-368_BC-610
Date: 2012-04-06 19:20:50 UTC
From: m1fdz
Topic: 5094  Message: 5094

My BC-610E has developed a strange fault, not been used for sometime and was working perfectly when last run a couple of months ago. Switched on today and everything appeared to be Ok until I pressed the mic PTT, then nothing the Beast just sat there no relay clunk just filaments on, if I speak into the mic then the speech amp shows a reading but no transmit. Tried all the usual dis/reconnect of plugs etc but this has me a bit stumped. Any ideas before I move the thing around.
73 Max
M0GHQ

# 5095. WTB Crystal box

Yahoo group: T-368_BC-610
Date: 2012-04-06 20:51:24 UTC
From: m1fdz
Topic: 5095  Message: 5095

Does anyone have a spare crystal box that they could sell me, 1944 vintage preferred, 73
Max
M0GHQ

# 5096. Re: [T-368_BC-610] BC-610 not starting.

Yahoo group: T-368_BC-610
Date: 2012-04-07 03:52:01 UTC
From: wa5cab@cs.com
Topic: 5094  Message: 5096

Max,

I've forgotten what setup you have. You list BC-610-E. I presume that the speech amp is a BC-614-E (or -H or -I which behave the same). Are you using a JB-70-A? If not, what modifications did you make in order to make the PTT function work from just the speech amp?

In the original setup, the primary PTT relay is a 12 VDC one in the JB-70. Its contacts ground the 6V6 oscillator cathode and complete the 115 VAC circuit to the coil of the plate relay in the 610. Plus some other things that don't matter.

Also, in the BC-614-E...I, the meter reads the 100TH modulator plate current. With no high B+ in the transmitter, the only thing I could see that the meter might indicate would be 100TH grid current.

In a message dated 04/06/2012 14:20:54 PM Central Daylight Time,
M1FDZ@... writes:
> My BC-610E has developed a strange fault, not been used for sometime and
> was working perfectly when last run a couple of months ago. Switched on
> today and everything appeared to be Ok until I pressed the mic PTT, then
> nothing the Beast just sat there no relay clunk just filaments on, if I speak
> into the mic then the speech amp shows a reading but no transmit. Tried all
> the usual dis/reconnect of plugs etc but this has me a bit stumped. Any
> ideas before I move the thing around.
> 73 Max
> M0GHQ

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 5097. Re: [T-368_BC-610] WTB Crystal box

Yahoo group: T-368_BC-610
Date: 2012-04-07 03:56:15 UTC
From: wa5cab@cs.com
Topic: 5095  Message: 5097

Which crystal box are you looking for? I can think of five or six offhand.

In a message dated 04/06/2012 15:51:30 PM Central Daylight Time,
M1FDZ@... writes:
> Does anyone have a spare crystal box that they could sell me, 1944
> vintage preferred, 73 Max
> M0GHQ
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 5098. BC-610E non starting revision... ;-)

Yahoo group: T-368_BC-610
Date: 2012-04-07 16:37:37 UTC
From: m1fdz
Topic: 5098  Message: 5098

I found the problem with this BC-610E, Over the last few months the transmitter has not been used, I had disconnected the 12v car battery that was connected for the 2nd receiver in the shelter, well, that operates the Mic. R200 relay in the junction box, reconnected now and everything works. Output is a little on the low side at 210 watts on 3.600MHz but all functioning now.
73 Max M0GHQ

# 5099. typewriter

Yahoo group: T-368_BC-610
Date: 2012-04-07 16:42:43 UTC
From: Alan Morriss
Topic: 3722  Message: 5099

hello guys, just another appeal for a typewriter to go with the SCR399 . some day one will turn up ! alan G4GEN

[Non-text portions of this message have been removed]

# 5100. Re: [T-368_BC-610] BC-610E non starting revision... ;-)

Yahoo group: T-368_BC-610
Date: 2012-04-07 17:26:23 UTC
From: wa5cab@cs.com
Topic: 5098  Message: 5100

OK. Glad that it was an easy fix.

In a message dated 04/07/2012 11:37:44 AM Central Daylight Time,
M1FDZ@... writes:
> I found the problem with this BC-610E, Over the last few months the
> transmitter has not been used, I had disconnected the 12v car battery that was
> connected for the 2nd receiver in the shelter, well, that operates the Mic.
> R200 relay in the junction box, reconnected now and everything works.
> Output is a little on the low side at 210 watts on 3.600MHz but all functioning
> now.
> 73 Max M0GHQ

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 5101. 12v

Yahoo group: T-368_BC-610
Date: 2012-04-07 17:46:50 UTC
From: Alan Morriss
Topic: 5101  Message: 5101

well , i wondered if that was the problem as i had the same thing . it went away after i had left the power on to the shelter, as the charger topped up the battery. alan

[Non-text portions of this message have been removed]

# 5102. Re: [T-368_BC-610] typewriter

Yahoo group: T-368_BC-610
Date: 2012-04-08 00:48:43 UTC
From: Mark J. Blair
Topic: 3722  Message: 5102

On Apr 7, 2012, at 09:42 , Alan Morriss wrote:
> hello guys, just another appeal for a typewriter to go with the SCR399 . some day one will turn up ! alan G4GEN

I assume that you're looking for one of the "telegrapher's mill" typewriters. I searched on and off for years before finally finding mine on eBay. I never had any luck with automated searches, since the sellers of these items often don't know what they have. I ended up just manually searching suitable brands, models and years of typewriters (especially but not exclusively typewriters noted as being army, navy, WW2, military, etc.), and examining the pictures for any signs of them being the right kind of typewriter.

Mine wouldn't type at all when I got it. The curved casting holding the intermediate type linkages appeared to have tightened up around the linkages over the years due to corrosion or something. I had to completely disassemble the type linkages and laboriously scrape each of the slots sider with the edges of razor blades. I have the type bars working well now, but the unit still frequently advances the carriage two spaces when I hit keys. I haven't worked on the spacing problem yet; when I got the type bars working, I declared temporary success and crammed it in the closet so I could focus on other projects for a while. :)

--
Mark J. Blair, NF6X <nf6x@nf6x.net>
http://www.nf6x.net/

# 5103. typewriter

Yahoo group: T-368_BC-610
Date: 2012-04-08 08:02:06 UTC
From: Alan Morriss
Topic: 3722  Message: 5103

thanks for the info mark. i have been looking for years, and maybe one will turn up. i am useless at searching things on ebay ! alan

[Non-text portions of this message have been removed]

# 5104. Re: typewriter

Yahoo group: T-368_BC-610
Date: 2012-04-08 13:59:56 UTC
From: steve_n8ye
Topic: 3722  Message: 5104

I used a Navy mill for four years in the Navy as a ditty chasing radio op. They all skip spaces. When I was in radio school in Pensacola Fla,
we had a weekly typing test plus the weekly cw speed of the week test. Can you imagine being tested using a goofy typewriter? We were
just "SOL" if the skipping got us. I used a Royal 10KH here in the shack since I got out of the navy in 1970. It was a fine machine but finally gave up. I could see that it would take a major dismantling
to repair. Unless one is a clock work repairman, they will become
uneconomical to repair. They are rather fragile, and don't take to
shipping well. (I.E. Ebay)
Steve N8YE

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> thanks for the info mark. i have been looking for years, and maybe one will turn up. i am useless at searching things on ebay ! alan
>
> [Non-text portions of this message have been removed]
>

# 5105. FS: 80M CRYSTALS, HC6U

Yahoo group: T-368_BC-610
Date: 2012-04-09 10:24:40 UTC
From: Bry Carling
Topic: 5105  Message: 5105

FOR SALE:
80M CRYSTALS, HC6U type

Quantity 1 each:
3.778 MHz
3.781 MHz
3.788 MHz

Available for $12.00 each plus shipping.
Or - Take all three for $30.00 plus shipping.

73 - Bry, AF4K

[Non-text portions of this message have been removed]

# 5106. FS: Carbon Comp Resistors etc.

Yahoo group: T-368_BC-610
Date: 2012-04-09 16:23:10 UTC
From: Bry Carling
Topic: 5106  Message: 5106

FOR SALE: CARBON COMPOSITION RESISTORS

Here are some grab bag assortments of ALL NEW 2 WATT, 1 WATT and 1/2 WATT resistors, with a good mix of values from 1 ohm to 15 Megohms. Authentic parts made by Ohmite, IRC etc. Ideal for homebrewing and repairs tube radio transmtters and receivers etc.
1 Watt and 2 Watt resistors usually cost around $1.50 to $3.00 each when you can find them... Half watt resistors are $2.00 each at Radio Shack. A Surplus Place in Nebraska sells
them for $10 to $15.00 for a 50 pack.

SPECIAL: The first 5 orders will get a free bag of 100 new resistors.

2 WATT Resistors Packs - Quantity 50 - $10.00 each
1 WATT Resistor Packs - Quantity 100 - $10.00 each
1/2 WATT Resistors Packs - Quantity 100 - $8.00 each
LARGE MIXED BAG of 500 - 2 Watt, 1 Watt and 1/2 WATT mix of mostly New and Good Used Resistors - Quantity over 500. All for $12.00

Also: LARGE BLEEDER RESISTORS FOR LARGE TRANSMITTER PROJECTS:
Examples:
12Kohms at 40 Watts $9.00
50,000 ohms at 100 watts $18.00
25,000 ohms at 100 watts $19.00
15,000 ohms at 120 watts $16.00
16,000 ohms at 50 watts $13.00

ALSO - most "Common Values" of the 2 Watt and 1 Watt resistors are available. From 1 ohms to 22 Megohms.
A few exceptions are unavailable such as 100 K, but I do have some 110 K which will work fine in most applications.
These are brand new resistors with full lead length and are excellent 5% and 1% components.
Available for the following prices:
2 Watt = $2.00 each / ten or more of same value for $1.75 each
1 Watt = $1.00 each / ten or more of same value for $0.80 each
1/2 Watt = $0.70 each / ten or more of same value for $0.60 each
Shipping additional.

Pictures and details:
http://af4k.com/resistors.htm

73 - Bry, AF4K

[Non-text portions of this message have been removed]

# 5107. Re: typewriter

Yahoo group: T-368_BC-610
Date: 2012-04-21 18:33:52 UTC
From: Roger Basford
Topic: 3722  Message: 5107

Alan,

There is a Yahoo group for typewriters,

http://groups.yahoo.com/group/TYPEWRITERS/

and I see there have been some discussions about "mills" on there, might be worth asking if anyone has a lead on where you could find a machine for your SCR-399. I believe there were several models used and "telegraphic typewriter" is how they were described, i.e. no lower-case letters.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> thanks for the info mark. i have been looking for years, and maybe one will turn up. i am useless at searching things on ebay ! alan
>
> [Non-text portions of this message have been removed]
>

# 5108. REDUCED: Panel Meters - under $3.00

Yahoo group: T-368_BC-610
Date: 2012-04-22 14:31:14 UTC
From: Bry Carling
Topic: 5108  Message: 5108

REDUCED: Panel Meters

Here is a nice box of six panel meters in very good condition.

These are all the typical 3.25" diameter meters you see on older ham equipment, test equipment etc.

1) Weston model 476 with 0 - 120V AC with an additional scale for 60V AC

2) Weston model 301 with 0 - 140V DC with an additional scale for 7 V DC.

3) General Electric model ADK84 - cool 0 - 200 mA PA Plate with markings for CW, MCW, PA Grid and Battery.

4) General Electric with 0 - 50mA DC

5) Weston model 147866 with 0 - 5V AC

6) General Electric Time Meter - model 8KT8E3 / USN type 120V AC 60 Hz (small case chip)

I do not want to sell these individually. I will sell these as a group. The whole box for $16.00
plus $12.00 for USA shipping

73 - Bry, AF4K

[Non-text portions of this message have been removed]

# 5109. BC-610 up for grabs

Yahoo group: T-368_BC-610
Date: 2012-04-29 20:15:43 UTC
From: rbethman
Topic: 5109  Message: 5109

Group,

This was sent to me direct by Bill Kish.

He is in Middleton, NY, about two hours North of NYC.

I'll post the pictures to the file area.

Bob - N0DGN

> Hi Bob,
>
> I've got some photos for you now. The BC-610 (H), BC-614-E.
>
> I don't have an antenna coupler, nor any tuning units. There is one
> PA coil of unknown frequency. I'm fairly certain that I have the tubes
> for this set, but I wasn't able to find them today. I have about 30
> boxes of misc tubes in the attic, and I just haven't opened up the
> right box yet!
>
> As far as when it was last on the air... 1951? Never? There's no way
> to know. It's been kept dry which is a good sign, but bringing it
> online would be an interesting challenge for someone who understands
> old HV electronics.
>
> I guess I've been an Old Goat ever since I was in my teens. I've
> restored a lot of radios, and this was on my list until my list got so
> long that I realized that I was never going to finish half of it and
> I'd better start concentrating on the things that matter most. Right
> now I'm restoring a 1942 Ford Jeep, which looks to be a 10 year
> project by the time it's done. If I had a BC-610 (D) I suppose I could
> mount it in the back of the jeep (They actually did that) but I think
> I'll stick with an SCR-509
>
> I'd be happy to trade this for some other piece of old military radio
> gear, or I would even gift it to someone who had a genuine interest in
> restoring it.
>
> Thanks for offering to get the word out and if anyone has any interest
> they can contact me and I'll be happy to tell them all about it!
>
> Best Regards
>
> -=BK

[Non-text portions of this message have been removed]

# 5110. [T-368_BC-610] BC-610 up for grabs ADDENDUM

Yahoo group: T-368_BC-610
Date: 2012-04-29 20:17:41 UTC
From: rbethman
Topic: 5110  Message: 5110

Group,

This was sent to me direct by Bill Kish.

<kish@...>

He is in Middleton, NY, about two hours North of NYC.

I'll post the pictures to the file area.

Bob - N0DGN

> Hi Bob,
>
> I've got some photos for you now. The BC-610 (H), BC-614-E.
>
> I don't have an antenna coupler, nor any tuning units. There is one
> PA coil of unknown frequency. I'm fairly certain that I have the tubes
> for this set, but I wasn't able to find them today. I have about 30
> boxes of misc tubes in the attic, and I just haven't opened up the
> right box yet!
>
> As far as when it was last on the air... 1951? Never? There's no way
> to know. It's been kept dry which is a good sign, but bringing it
> online would be an interesting challenge for someone who understands
> old HV electronics.
>
> I guess I've been an Old Goat ever since I was in my teens. I've
> restored a lot of radios, and this was on my list until my list got so
> long that I realized that I was never going to finish half of it and
> I'd better start concentrating on the things that matter most. Right
> now I'm restoring a 1942 Ford Jeep, which looks to be a 10 year
> project by the time it's done. If I had a BC-610 (D) I suppose I could
> mount it in the back of the jeep (They actually did that) but I think
> I'll stick with an SCR-509
>
> I'd be happy to trade this for some other piece of old military radio
> gear, or I would even gift it to someone who had a genuine interest in
> restoring it.
>
> Thanks for offering to get the word out and if anyone has any interest
> they can contact me and I'll be happy to tell them all about it!
>
> Best Regards
>
> -=BK

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5111. Up for grabs BC-610

Yahoo group: T-368_BC-610
Date: 2012-04-29 20:24:11 UTC
From: rbethman
Topic: 5111  Message: 5111

Group,

Created an album in files area.

Named 'Bill Kish"

Bob - N0DGN

# 5112. [T-368_BC-610] Up for grabs BC-610 - OOPS

Yahoo group: T-368_BC-610
Date: 2012-04-29 20:26:18 UTC
From: rbethman
Topic: 5112  Message: 5112

Group,

Created an album in PHOTO area.

Named 'Bill Kish"

Bob - N0DGN

[Non-text portions of this message have been removed]

# 5113. Re: [T-368_BC-610] Up for grabs BC-610 - OOPS

Yahoo group: T-368_BC-610
Date: 2012-04-29 21:13:52 UTC
From: Bob - K2KI
Topic: 5112  Message: 5113

Man, I would love to get me hands on one. Nice pics. Thanks for sharing.

73...
Bob de k2ki

On 4/29/2012 4:26 PM, rbethman wrote:
>
> Group,
>
> Created an album in PHOTO area.
>
> Named 'Bill Kish"
>
> Bob - N0DGN
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 5114. Re: [T-368_BC-610] Up for grabs BC-610 - OOPS

Yahoo group: T-368_BC-610
Date: 2012-04-29 22:19:55 UTC
From: bavarianradio@comcast.net
Topic: 5112  Message: 5114

Gee, It's only 2 hours from here... very tempting!! W1EKG

----- Original Message -----
Man, I would love to get me hands on one. Nice pics. Thanks for sharing.
73...
Bob de k2ki

[Non-text portions of this message have been removed]

# 5115. OT (only partly) Preserving Group Knowledge

Yahoo group: T-368_BC-610
Date: 2012-05-04 20:16:36 UTC
From: Trevor
Topic: 5115  Message: 5115

I increasingly read credible sources that suggest Yahoo may be in serious decline, and if it is
like other big IT companies, the end is not always predictable or pretty, and it is hard to know
where (or if) "pieces will land."

This Group's past messages are a valuable compilation of a lot of useful, practical information.

Is or can any effort being made to create a separate archive of the information here? [grammar on
that sentence was rotten, but hopefully the point is clear]

I have no competence to solve the issue, but wanted to ask in hopes that others can.

Trevor in VT

# 5116. FS: More 2W, 1W and 1/2 W Carbon Resistor Packs

Yahoo group: T-368_BC-610
Date: 2012-05-06 11:47:28 UTC
From: Bry Carling
Topic: 5116  Message: 5116

Hi guys,

I know a lot of people asked me for some more of these resistors and I found some.

As of right now, I have found 6 more assortments of New 2 Watt Carbon Compopsition Resistors (50 in each.)
I have 3 more packs of the 1 Watt carbon composition resistors (50 in each.)
and I have another 8 packs of the 1/2 Watt composition resistors (100 in each.)

I have posted these on my web pages for easy purchase for whomever would like some.
2W - $15 each
1W - $10 each
1/2W - $8 each
For anyone who buys 2 or more of these I will throw in a surprise pack of 50 - 100 new resistors of my choice. FYI - one or two of the 2 watt resistor packs might contain a couple of
good used looking resistors or shorter lead ones but you won't be disappointed.

http://af4k.com/resistors.htm

There are also some very excellent, useful power resistors and bleeder resistors etc. at that
link.

Thanks for looking & 73 - Bry AF4K
321-262-5471

[Non-text portions of this message have been removed]

# 5117. FS: New HV Capacitors 10c - 35c each

Yahoo group: T-368_BC-610
Date: 2012-05-06 13:35:22 UTC
From: Bry Carling
Topic: 5117  Message: 5117

NEW Mallory and Sprague, USA-made HV Disk ceramic capacitors:
(These are all brand new, prime quality USA parts), Most are RMC = Mallory

CAPACITANCE - VOLTAGE - Price each
8.2 pF 20% at 1KV Sprague Temp Stable - QTY 4 - $0.20 each
22 pF 10% - 3KV - RMC Type - QTY 1 - $0.25 each
75 pF 10% -at 1KV - N150 - QTY 10 - $0.20 each
82 pF 5% - 1KV - RMC Type NPO - QTY 6 - $0.25 each
82 pF 5% - 1KV - RMC Type N750 - QTY 2 - $0.20 each
82 pF 5% - 1KV - RMC Type N1500 - QTY 2 - $0.20 each
200 pF at 1KV 5% - RMC Type N750 - QTY 1 - $0.20
200 pF 5% at 1KV RMC type JF200 - QTY 1 - $0.15 each
200 pF 5% at 1KV type NPO - QTY 5 - $0.25 each
360 pF 10% - 1KV - RMC Type - QTY 5 - $0.20 each
400 pF 10% - 1KV - RMC Type - QTY 8 - $0.20 each
600 pF 10% at 1KV - RMC - QTY 9 - $0.20 each
750 pF 10% at 1KV Sprague Temp Stable - QTY 4 - $0.20 each
750 pF 10% - 1KV - RMC Type - QTY 4 - $0.20 each
Dual 1500 pF 20% at 2KV in one package type Z5U - QTY 5 $0.15 each
Dual 3000 pF 20% at 2KV in one package type Z5U - QTY 5 - $0.15 each
0.005 uF at 500 V +80/-20% - Type Z5U - QTY 1 $0.15
7500 pF (= 0.0075 uF) 20% at 500V - QTY 15 - $0.15 each
0.02 uF 10% at 100V RMC - QTY 1 - $0.10 each
0.02 uF at 100V +80/-20% RMC - QTY 12 - $0.15 each
0.02 uF at 1400 V 20% - Type Z5U - QTY 1 $0.30

Also some Tubular Capacitors:
Elmenco 0.1 uF at 600V DC and 0.5 uF at 200V DC
These are 35c and 25c each

You can purchase all of the above at web page:

http://af4k.com/capacitors.htm

Thanks & 73 de AF4K, Bry

[Non-text portions of this message have been removed]

# 5118. PA variable

Yahoo group: T-368_BC-610
Date: 2012-05-08 02:00:35 UTC
From: Rix
Topic: 5118  Message: 5118

I'm currently helping a friend rebuild a bc-610 F series.
We found the PA output tuning cap has about 1/2 the plates of any other 610 we have looked at. Others have 11 plates on each half of the stator.
Does anyone have any ideas.
Oh yeah, the clips for the vacuum cap are missing.
Except for a couple of output leads, the final tank components look as though that haven't been touched since it was built. 1949 according to stamps.
Thanks much
Rix Seacord
K2AVP/4/499

# 5119. RE: [T-368_BC-610] PA variable

Yahoo group: T-368_BC-610
Date: 2012-05-08 03:57:11 UTC
From: Dave Trainor
Topic: 5118  Message: 5119

Possibly a late 1940?s ham mod to put it on 10m? I remember reading an old article from the late 40? in either QST or CQ involving just such a mod, but I understand they were quite unstable on 10 even with the mod. Maybe not but your description made me remember this. If it was done well, and 50 years ago, it could well look original by now.

Dave, N8ZFM

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Rix
Sent: Monday, May 07, 2012 10:01 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] PA variable

I'm currently helping a friend rebuild a bc-610 F series.
We found the PA output tuning cap has about 1/2 the plates of any other 610 we have looked at. Others have 11 plates on each half of the stator.
Does anyone have any ideas.
Oh yeah, the clips for the vacuum cap are missing.
Except for a couple of output leads, the final tank components look as though that haven't been touched since it was built. 1949 according to stamps.
Thanks much
Rix Seacord
K2AVP/4/499

[Non-text portions of this message have been removed]

# 5120. Re: [T-368_BC-610] PA variable

Yahoo group: T-368_BC-610
Date: 2012-05-08 04:14:43 UTC
From: Rix Seacord
Topic: 5118  Message: 5120

Dave
Thanks for getting back to me.
That does make sense. Just wonder what coils they used as I don't think
Paul got the set with it.
Funny, I just made a crack about the internal lead lengths in the tubes
and wondering how they would act at higher frequencies.
Now if only I could find the olde articles.'
Thanks again

Ewing (Rix) Seacord
K2AVP/4/499
eseacord@...

845-628-0892 Home
914-262-9186 Cell
914-233-3886 Skype Notebook

On 5/7/2012 11:57 PM, Dave Trainor wrote:
> Possibly a late 1940?s ham mod to put it on 10m? I remember reading an old article from the late 40? in either QST or CQ involving just such a mod, but I understand they were quite unstable on 10 even with the mod. Maybe not but your description made me remember this. If it was done well, and 50 years ago, it could well look original by now.
>
> Dave, N8ZFM
>
> From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Rix
> Sent: Monday, May 07, 2012 10:01 PM
> To: T-368_BC-610@yahoogroups.com
> Subject: [T-368_BC-610] PA variable
>
>
>
> I'm currently helping a friend rebuild a bc-610 F series.
> We found the PA output tuning cap has about 1/2 the plates of any other 610 we have looked at. Others have 11 plates on each half of the stator.
> Does anyone have any ideas.
> Oh yeah, the clips for the vacuum cap are missing.
> Except for a couple of output leads, the final tank components look as though that haven't been touched since it was built. 1949 according to stamps.
> Thanks much
> Rix Seacord
> K2AVP/4/499
>
>
>

> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
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>

# 5121. capacitor

Yahoo group: T-368_BC-610
Date: 2012-05-08 07:17:38 UTC
From: Alan Morriss
Topic: 5121  Message: 5121

hello rix , i have a complete unit with the capacitor . rf choke and hv bypass caoacitor . if you want , i can let you have it .only trouble is the cost of postage.. alan G4GEN

[Non-text portions of this message have been removed]

# 5122. Re: [T-368_BC-610] PA variable

Yahoo group: T-368_BC-610
Date: 2012-05-08 13:39:18 UTC
From: rbethman
Topic: 5118  Message: 5122

That would not be correct. The HT-4 as originally advertised, gave
Amateur Operators a selection of three bands with the purchase. That
included an selecting 10 meters as one of the three. The HT-4 when used
on ten meters did NOT have a different number of plates in the PA Variable.

The Military did NOT like the ten meter use! They found that while
mounted in the Comm Shelter in/on the truck, (The BC-610 initially
shipped in an old panel truck - not a Deuce and a half.) That came
later. The military would operate while moving, and quickly that 10
meter operation had RF crawling all over the outside of the BC-610 cabinet.

Therefore they ceased operation on 10 meters.

Someone "hacked" up this particular PA variable for an unknown reason.
It was NOT a modification used by the Military, nor did they get
manufactured that way by the different Manufacturer's

My information comes from WB2FCN that operated them in Europe in the
'60s while he was in uniform. He restored the one that is on my website.

Bob - N0DGN

On 5/7/2012 11:57 PM, Dave Trainor wrote:
> Possibly a late 1940?s ham mod to put it on 10m? I remember reading an old article from the late 40? in either QST or CQ involving just such a mod, but I understand they were quite unstable on 10 even with the mod. Maybe not but your description made me remember this. If it was done well, and 50 years ago, it could well look original by now.
>
> Dave, N8ZFM
>
> From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Rix
> Sent: Monday, May 07, 2012 10:01 PM
> To: T-368_BC-610@yahoogroups.com
> Subject: [T-368_BC-610] PA variable
>
>
>
> I'm currently helping a friend rebuild a bc-610 F series.
> We found the PA output tuning cap has about 1/2 the plates of any other 610 we have looked at. Others have 11 plates on each half of the stator.
> Does anyone have any ideas.
> Oh yeah, the clips for the vacuum cap are missing.
> Except for a couple of output leads, the final tank components look as though that haven't been touched since it was built. 1949 according to stamps.
> Thanks much

> Rix Seacord
> K2AVP/4/499
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

# 5123. Re: [T-368_BC-610] PA variable

Yahoo group: T-368_BC-610
Date: 2012-05-08 18:34:26 UTC
From: Rix Seacord
Topic: 5118  Message: 5123

Gentlemen
Thank you all for the answers.
I looks as though that someone made unauthorized mods to the 610 when it was out in the field.
Possibly some kind of clandestine or experimental operation.
Now the plot really thickens.
When I was stationed outside of Washington we did just that in the R&D lab in our unit.

73
Rix
K2AVP/4/499

On 5/8/2012 9:39 AM, rbethman wrote:
> That would not be correct. The HT-4 as originally advertised, gave
> Amateur Operators a selection of three bands with the purchase. That
> included an selecting 10 meters as one of the three. The HT-4 when used
> on ten meters did NOT have a different number of plates in the PA Variable.
>
> The Military did NOT like the ten meter use! They found that while
> mounted in the Comm Shelter in/on the truck, (The BC-610 initially
> shipped in an old panel truck - not a Deuce and a half.) That came
> later. The military would operate while moving, and quickly that 10
> meter operation had RF crawling all over the outside of the BC-610 cabinet.
>
> Therefore they ceased operation on 10 meters.
>
> Someone "hacked" up this particular PA variable for an unknown reason.
> It was NOT a modification used by the Military, nor did they get
> manufactured that way by the different Manufacturer's
>
> My information comes from WB2FCN that operated them in Europe in the
> '60s while he was in uniform. He restored the one that is on my website.
>
> Bob - N0DGN
>
> On 5/7/2012 11:57 PM, Dave Trainor wrote:
>> Possibly a late 1940?s ham mod to put it on 10m? I remember reading an old article from the late 40? in either QST or CQ involving just such a mod, but I understand they were quite unstable on 10 even with the mod. Maybe not but your description made me remember this. If it was done well, and 50 years ago, it could well look original by now.
>>
>> Dave, N8ZFM
>>
>> From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of

Rix
>> Sent: Monday, May 07, 2012 10:01 PM
>> To: T-368_BC-610@yahoogroups.com
>> Subject: [T-368_BC-610] PA variable
>>
>>
>>
>> I'm currently helping a friend rebuild a bc-610 F series.
>> We found the PA output tuning cap has about 1/2 the plates of any other 610 we have looked at. Others have 11 plates on each half of the stator.
>> Does anyone have any ideas.
>> Oh yeah, the clips for the vacuum cap are missing.
>> Except for a couple of output leads, the final tank components look as though that haven't been touched since it was built. 1949 according to stamps.
>> Thanks much
>> Rix Seacord
>> K2AVP/4/499
>>
>>
>>
>> [Non-text portions of this message have been removed]
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>> Yahoo! Groups Links
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Rix Seacord (K2AVP)
22 Austin Rd
Mahopac, NY 10541
Home 845-628-0892
Cell 914-262-9186

# 5124. Re: [T-368_BC-610] capacitor

Yahoo group: T-368_BC-610
Date: 2012-05-08 23:23:52 UTC
From: Gary Pewitt
Topic: 5121  Message: 5124

Alan, I am looking for a modulator deck to complete my BC-610 E.
All I have is the -completely- stripped chassis of the mod deck. If
you, or anyone you know, have one please let me know.
Thanks Gary N9ZSV

On 5/8/2012 2:17 AM, Alan Morriss wrote:
>
> hello rix , i have a complete unit with the capacitor . rf choke and
> hv bypass caoacitor . if you want , i can let you have it .only
> trouble is the cost of postage.. alan G4GEN
>
> [Non-text portions of this message have been removed]
>
>

--
Gary Pewitt N9ZSV
1500 French Prairie Rd
Booneville, AR 72927

[Non-text portions of this message have been removed]

# 5125. reply

Yahoo group: T-368_BC-610
Date: 2012-05-09 07:46:21 UTC
From: Alan Morriss
Topic: 4438  Message: 5125

hello gary , sorry , i have no other stuff. i neded to replace the choke in my PA unit , and was lucky enough to find a complete replacement unit , so i have a spare one. bob , WA5CAB might be able to help you. there must be all the bits you need lying around somewhere.cheers, alan

[Non-text portions of this message have been removed]

# 5126. RE: [T-368_BC-610] typewriter

Yahoo group: T-368_BC-610
Date: 2012-05-10 18:10:57 UTC
From: Ed Zeranski
Topic: 3722  Message: 5126

Subject: Re: [T-368_BC-610] typewriter
I assume that you're looking for one of the "telegrapher's mill"
typewriters. I searched on and off for years before finally finding mine on
eBay. Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

I found a guy in San Diego who still reworks typewriters. The shop I used
to go to closed years ago.Anyway, the WWII Navy Underwood mill came out
great, ready to go with a RAK/RAL:

EdZ KG6UTS

[Non-text portions of this message have been removed]

# 5127. typewriter

Yahoo group: T-368_BC-610
Date: 2012-05-11 08:05:39 UTC
From: Alan Morriss
Topic: 3722  Message: 5127

you lucky guys ! alan

[Non-text portions of this message have been removed]

# 5128. BC-610H To Begin Restoration

Yahoo group: T-368_BC-610
Date: 2012-05-22 15:21:48 UTC
From: n2len
Topic: 5128  Message: 5128

Hello Everyone,
I just picked up this weekend the beautiful donated gift of a BC-610H from Bill Kish.
Even though I missed Dayton this week, for me this topped any Dayton trip!
I wanted to query anyone here on the forum who went through the process of restoration with any information to share.
I needed to make 2 trips for complete pickup. Presently the Power Supply Deck and the Mod Deck was removed to make transit easier. The transmitter needed to be somewhat disassembled to make transit easier down a long flight of wooden steps.
I rented a heavy duty hand truck with straps to move the power supply deck. For some reason I thought it was heavier, but 2 people easily removed it out the back of my Excursion into the garage and placed on 2X4's.
Anyway, I only began cleaning out the dust, and wiping down each assembly.
This beast is quite clean, only a little amount of surface rust on the bottom of the cabinet where it meets the Dollie. It was stored in a dry environment for many years unused.

All of the tubes were removed and wrapped in newspaper and stored in a box since the early 80's. I have 3 tuning units. (2 of which suffered from some surface rust on the sides.) I also have 3 Coil units. I haven't unwrapped any of the tubes yet and have not inventoried any of the remaining parts in that box.

I want to first continue the clean up of dust and dirt.
I love the fact that everything is so spread out with a ton of room.
So my first question is:
Will the front cabinet pull apart enough without complete dissemble?
I want to continue cleaning the back of front panel.
Or should I remove the RF deck?

I have been contemplating a complete disassemble, in order to fully wash the metal cabinet.

Some far off ideas...
Can I excite with the VFO from my 101E?
Whats the best setup for use in the Am window?

Here is another question I have been wanting to ask for sometime. I usually use denatured alcohol to clean everything. Anyone have suggestions on how to properly clean the glass of a tube without removing the labeling?
I just have been wiping everything and carefully avoiding the labeling.

Tonight, a rainy evening will be skimming through the Tech manual, becoming quarantined with the internals.

Thanks again Mr.Kish, and Bob for passing this information along!
Len N2LEN

# 5129. Re: [T-368_BC-610] BC-610H To Begin Restoration

Yahoo group: T-368_BC-610
Date: 2012-05-22 15:44:54 UTC
From: rbethman
Topic: 5128  Message: 5129

Len,

You can look over my web page for a bunch of info.

<http://home.comcast.net/~rbethman/bc-610.html>

WB2FCN did the actual work, as so noted.

The back panel, and both side panels can be removed easily.

You'll definitely need to remove the PA deck BEFORE you attempt to
remove the front panel!

The front panel is attached to each of the decks by terminal strips.

Pay careful attention as to which connection goes where! It isn't for
the faint of heart, and it is very easy to reconnect the wrong wire to
the wrong terminal during reassembly.

Congratulations!

Much work in front of you!

Bob - N0DGN

On 5/22/2012 11:21 AM, n2len wrote:
>
> Hello Everyone,
> I just picked up this weekend the beautiful donated gift of a BC-610H
> from Bill Kish.
> Even though I missed Dayton this week, for me this topped any Dayton trip!
> I wanted to query anyone here on the forum who went through the
> process of restoration with any information to share.
> I needed to make 2 trips for complete pickup. Presently the Power
> Supply Deck and the Mod Deck was removed to make transit easier. The
> transmitter needed to be somewhat disassembled to make transit easier
> down a long flight of wooden steps.
> I rented a heavy duty hand truck with straps to move the power supply
> deck. For some reason I thought it was heavier, but 2 people easily
> removed it out the back of my Excursion into the garage and placed on
> 2X4's.
> Anyway, I only began cleaning out the dust, and wiping down each assembly.
> This beast is quite clean, only a little amount of surface rust on the
> bottom of the cabinet where it meets the Dollie. It was stored in a
> dry environment for many years unused.
>
> All of the tubes were removed and wrapped in newspaper and stored in a
> box since the early 80's. I have 3 tuning units. (2 of which suffered

> from some surface rust on the sides.) I also have 3 Coil units. I
> haven't unwrapped any of the tubes yet and have not inventoried any of
> the remaining parts in that box.
>
> I want to first continue the clean up of dust and dirt.
> I love the fact that everything is so spread out with a ton of room.
> So my first question is:
> Will the front cabinet pull apart enough without complete dissemble?
> I want to continue cleaning the back of front panel.
> Or should I remove the RF deck?
>
> I have been contemplating a complete disassemble, in order to fully
> wash the metal cabinet.
>
> Some far off ideas...
> Can I excite with the VFO from my 101E?
> Whats the best setup for use in the Am window?
>
> Here is another question I have been wanting to ask for sometime. I
> usually use denatured alcohol to clean everything. Anyone have
> suggestions on how to properly clean the glass of a tube without
> removing the labeling?
> I just have been wiping everything and carefully avoiding the labeling.
>
> Tonight, a rainy evening will be skimming through the Tech manual,
> becoming quarantined with the internals.
>
> Thanks again Mr.Kish, and Bob for passing this information along!
> Len N2LEN
>
> __ <!-- #ygrp-mkp { border: 1px solid #d8d8d8; font-family: Arial;
> margin: 10px 0; padding: 0 10px; } #ygrp-mkp hr { border: 1px solid
> #d8d8d8; } #ygrp-mkp #hd { color: #628c2a; font-size: 85%;
> font-weight: 700; line-height: 122%; margin: 10px 0; } #ygrp-mkp #ads
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> p { margin: 0; } #ygrp-mkp .ad a { color: #0000ff; text-decoration:
> none; } #ygrp-sponsor #ygrp-lc { font-family: Arial; } #ygrp-sponsor
> #ygrp-lc #hd { margin: 10px 0px; font-weight: 700; font-size: 78%;
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> padding: 0 0; } a { color: #1e66ae; } #actions { font-family: Verdana;
> font-size: 11px; padding: 10px 0; } #activity { background-color:
> #e0ecee; float: left; font-family: Verdana; font-size: 10px; padding:
> 10px; } #activity span { font-weight: 700; } #activity
> span:first-child { text-transform: uppercase; } #activity span a {
> color: #5085b6; text-decoration: none; } #activity span span { color:
> #ff7900; } #activity span .underline { text-decoration: underline; }
> .attach { clear: both; display: table; font-family: Arial; font-size:
> 12px; padding: 10px 0; width: 400px; } .attach div a {
> text-decoration: none; } .attach img { border: none; padding-right:
> 5px; } .attach label { display: block; margin-bottom: 5px; } .attach

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> label a { text-decoration: none; } blockquote { margin: 0 0 0 4px; }
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> Verdana; font-weight: 700; } dd.last p span.yshortcuts { margin-right:
> 0; } div.attach-table div div a { text-decoration: none; }
> div.attach-table { width: 400px; } div.file-title a, div.file-title
> a:active, div.file-title a:hover, div.file-title a:visited {
> text-decoration: none; } div.photo-title a, div.photo-title a:active,
> div.photo-title a:hover, div.photo-title a:visited { text-decoration:
> none; } div#ygrp-mlmsg #ygrp-msg p a span.yshortcuts { font-family:
> Verdana; font-size: 10px; font-weight: normal; } .green { color:
> #628c2a; } .MsoNormal { margin: 0 0 0 0; } o { font-size: 0; } #photos
> div { float: left; width: 72px; } #photos div div { border: 1px solid
> #666666; height: 62px; overflow: hidden; width: 62px; } #photos div
> label { color: #666666; font-size: 10px; overflow: hidden; text-align:
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> color: #1E66AE; } #ygrp-msg p a { font-family: Verdana; } #ygrp-msg
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> #reco-head { color: #ff7900; font-weight: 700; } #ygrp-reco {
> margin-bottom: 20px; padding: 0px; } #ygrp-sponsor #ov li a {
> font-size: 130%; text-decoration: none; } #ygrp-sponsor #ov li {
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> tt { font-size: 120%; } #ygrp-vital ul li:last-child { border-right:
> none !important; } -->
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[Non-text portions of this message have been removed]

# 5130. Re: BC-610H To Begin Restoration

Yahoo group: T-368_BC-610
Date: 2012-05-22 16:07:59 UTC
From: n2len
Topic: 5128  Message: 5130

Hello Bob,
First off thanks for the initial listing of it!

Here is where I am currently. Just in the "cleaning off the dust stage". When I went over to Bill's QTh, he already dismantled the power supply deck and the mod deck. So after I finish cleaning it all up, I would kindly ask if anyone can supply me with some closeup digital pics of each terminal strip. Bill also presented me with the original owner manual, which I am only beginning to skim through. I will really sit down with it over the next couple of nights to further educate me with this beast. I have been using denatured alcohol to clean the chassis, it is not really strong enoght to cut through the caked on dust I have used 409 on my junkston 500 and many other chassis, but not with this varnish type of yellow chassis.
What do you guys recommend? I was also debating to completely remove the front cabinet, all the switches and controls, meters etc.. to give the cabinet a complete soap scrub and hosing. Any ideas? I really don't like to paint or power coat and silk screen unless its completely necessary and would rather keep it all original.

My queries are also posted on Amfone.net with pictures....
http://amfone.net/Amforum/index.php?topic=31443.0

Regards,
Len

--- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@...> wrote:
>
> Len,
>
> You can look over my web page for a bunch of info.
>
> <http://home.comcast.net/~rbethman/bc-610.html>
>
> WB2FCN did the actual work, as so noted.
>
> The back panel, and both side panels can be removed easily.
>
> You'll definitely need to remove the PA deck BEFORE you attempt to
> remove the front panel!
>
> The front panel is attached to each of the decks by terminal strips.
>
> Pay careful attention as to which connection goes where! It isn't for
> the faint of heart, and it is very easy to reconnect the wrong wire to
> the wrong terminal during reassembly.
>
> Congratulations!
>

> Much work in front of you!
>
> Bob - N0DGN
>
> On 5/22/2012 11:21 AM, n2len wrote:
> >
> > Hello Everyone,
> > I just picked up this weekend the beautiful donated gift of a BC-610H
> > from Bill Kish.
> > Even though I missed Dayton this week, for me this topped any Dayton trip!
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> > All of the tubes were removed and wrapped in newspaper and stored in a
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> > Thanks again Mr.Kish, and Bob for passing this information along!
> > Len N2LEN
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>
> [Non-text portions of this message have been removed]
>

# 5131. Re: [T-368_BC-610] Re: BC-610H To Begin Restoration

Yahoo group: T-368_BC-610
Date: 2012-05-22 16:15:12 UTC
From: wa5cab@cs.com
Topic: 5128  Message: 5131

Len,

The yellowed varnish looking coating is probably MFP varnish. Whatever cleaner you choose to use on the cabinet will work fine on the MFP.

One warning - never trust bleeder resistors, especially on the HV deck. My first flying trip in 1962 was courtesy of one in a BC-610-E.

In a message dated 05/22/2012 11:08:01 AM Central Daylight Time, N2Len@... writes:

> Hello Bob,
> First off thanks for the initial listing of it!
>
> Here is where I am currently. Just in the "cleaning off the dust stage".
> When I went over to Bill's QTh, he already dismantled the power supply deck
> and the mod deck. So after I finish cleaning it all up, I would kindly ask
> if anyone can supply me with some closeup digital pics of each terminal
> strip. Bill also presented me with the original owner manual, which I am only
> beginning to skim through. I will really sit down with it over the next
> couple of nights to further educate me with this beast. I have been using
> denatured alcohol to clean the chassis, it is not really strong enoght to cut
> through the caked on dust I have used 409 on my junkston 500 and many other
> chassis, but not with this varnish type of yellow chassis.
> What do you guys recommend? I was also debating to completely remove the
> front cabinet, all the switches and controls, meters etc.. to give the
> cabinet a complete soap scrub and hosing. Any ideas? I really don't like to
> paint or power coat and silk screen unless its completely necessary and would
> rather keep it all original.
>
> My queries are also posted on Amfone.net with pictures....
> http://amfone.net/Amforum/index.php?topic=31443.0
>
> Regards,
> Len
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 5132. Re: [T-368_BC-610] Re: BC-610H To Begin Restoration

Yahoo group: T-368_BC-610
Date: 2012-05-22 16:17:29 UTC
From: Mark Foltarz
Topic: 5128  Message: 5132

Len,

Use non pumice automotive hand cleaner , a toothbrush and water to clean chassis.

Apply some of the hand cleaner, rub in gently with soft tooth brush and let it sit a little while.

Then wipe off with damp rag until clean and air dry.

Just get it running for now.  You can always make it prettier later.

I swear I own the ugliest 610E there is - but what a reliable performer.

de KA4JVY

Mark

>_____
> From: n2len <N2Len@...>
>To: T-368_BC-610@yahoogroups.com
>Sent: Tuesday, May 22, 2012 12:07 PM
>Subject: [T-368_BC-610] Re: BC-610H To Begin Restoration
>
>
>
>Hello Bob,
>First off thanks for the initial listing of it!
>
>Here is where I am currently. Just in the "cleaning off the dust stage". When I went over to Bill's QTh, he already dismantled the power supply deck and the mod deck. So after I finish cleaning it all up, I would kindly ask if anyone can supply me with some closeup digital pics of each terminal strip. Bill also presented me with the original owner manual, which I am only beginning to skim through. I will really sit down with it over the next couple of nights to further educate me with this beast. I have been using denatured alcohol to clean the chassis, it is not really strong enoght to cut through the caked on dust I have used 409 on my junkston 500 and many other chassis, but not with this varnish type of yellow chassis.
>What do you guys recommend? I was also debating to completely remove the front cabinet, all the switches and controls, meters etc.. to give the cabinet a complete soap scrub and hosing. Any ideas? I really don't like to paint or power coat and silk screen unless its completely necessary and would rather keep it all original.
>
>My queries are also posted on Amfone.net with pictures....
>http://amfone.net/Amforum/index.php?topic=31443.0
>
>Regards,
>Len

>
>--- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@...> wrote:
>>
>> Len,
>>
>> You can look over my web page for a bunch of info.
>>
>> <http://home.comcast.net/~rbethman/bc-610.html>
>>
>> WB2FCN did the actual work, as so noted.
>>
>> The back panel, and both side panels can be removed easily.
>>
>> You'll definitely need to remove the PA deck BEFORE you attempt to
>> remove the front panel!
>>
>> The front panel is attached to each of the decks by terminal strips.
>>
>> Pay careful attention as to which connection goes where! It isn't for
>> the faint of heart, and it is very easy to reconnect the wrong wire to
>> the wrong terminal during reassembly.
>>
>> Congratulations!
>>
>> Much work in front of you!
>>
>> Bob - N0DGN
>>
>> On 5/22/2012 11:21 AM, n2len wrote:
>> >
>> > Hello Everyone,
>> > I just picked up this weekend the beautiful donated gift of a BC-610H
>> > from Bill Kish.
>> > Even though I missed Dayton this week, for me this topped any Dayton trip!
>> > I wanted to query anyone here on the forum who went through the
>> > process of restoration with any information to share.
>> > I needed to make 2 trips for complete pickup. Presently the Power
>> > Supply Deck and the Mod Deck was removed to make transit easier. The
>> > transmitter needed to be somewhat disassembled to make transit easier
>> > down a long flight of wooden steps.
>> > I rented a heavy duty hand truck with straps to move the power supply
>> > deck. For some reason I thought it was heavier, but 2 people easily
>> > removed it out the back of my Excursion into the garage and placed on
>> > 2X4's.
>> > Anyway, I only began cleaning out the dust, and wiping down each assembly.
>> > This beast is quite clean, only a little amount of surface rust on the
>> > bottom of the cabinet where it meets the Dollie. It was stored in a
>> > dry environment for many years unused.
>> >
>> > All of the tubes were removed and wrapped in newspaper and stored in a

>> > box since the early 80's. I have 3 tuning units. (2 of which suffered
>> > from some surface rust on the sides.) I also have 3 Coil units. I
>> > haven't unwrapped any of the tubes yet and have not inventoried any of
>> > the remaining parts in that box.
>> >
>> > I want to first continue the clean up of dust and dirt.
>> > I love the fact that everything is so spread out with a ton of room.
>> > So my first question is:
>> > Will the front cabinet pull apart enough without complete dissemble?
>> > I want to continue cleaning the back of front panel.
>> > Or should I remove the RF deck?
>> >
>> > I have been contemplating a complete disassemble, in order to fully
>> > wash the metal cabinet.
>> >
>> > Some far off ideas...
>> > Can I excite with the VFO from my 101E?
>> > Whats the best setup for use in the Am window?
>> >
>> > Here is another question I have been wanting to ask for sometime. I
>> > usually use denatured alcohol to clean everything. Anyone have
>> > suggestions on how to properly clean the glass of a tube without
>> > removing the labeling?
>> > I just have been wiping everything and carefully avoiding the labeling.
>> >
>> > Tonight, a rainy evening will be skimming through the Tech manual,
>> > becoming quarantined with the internals.
>> >
>> > Thanks again Mr.Kish, and Bob for passing this information along!
>> > Len N2LEN
>> >
>> > __ <!-- #ygrp-mkp { border: 1px solid #d8d8d8; font-family: Arial;
>> > margin: 10px 0; padding: 0 10px; } #ygrp-mkp hr { border: 1px solid
>> > #d8d8d8; } #ygrp-mkp #hd { color: #628c2a; font-size: 85%;
>> > font-weight: 700; line-height: 122%; margin: 10px 0; } #ygrp-mkp #ads
>> > { margin-bottom: 10px; } #ygrp-mkp .ad { padding: 0 0; } #ygrp-mkp .ad
>> > p { margin: 0; } #ygrp-mkp .ad a { color: #0000ff; text-decoration:
>> > none; } #ygrp-sponsor #ygrp-lc { font-family: Arial; } #ygrp-sponsor
>> > #ygrp-lc #hd { margin: 10px 0px; font-weight: 700; font-size: 78%;
>> > line-height: 122%; } #ygrp-sponsor #ygrp-lc .ad { margin-bottom: 10px;
>> > padding: 0 0; } a { color: #1e66ae; } #actions { font-family: Verdana;
>> > font-size: 11px; padding: 10px 0; } #activity { background-color:
>> > #e0ecee; float: left; font-family: Verdana; font-size: 10px; padding:
>> > 10px; } #activity span { font-weight: 700; } #activity
>> > span:first-child { text-transform: uppercase; } #activity span a {
>> > color: #5085b6; text-decoration: none; } #activity span span { color:
>> > #ff7900; } #activity span .underline { text-decoration: underline; }
>> > .attach { clear: both; display: table; font-family: Arial; font-size:
>> > 12px; padding: 10px 0; width: 400px; } .attach div a {
>> > text-decoration: none; } .attach img { border: none; padding-right:

>> > 5px; } .attach label { display: block; margin-bottom: 5px; } .attach
>> > label a { text-decoration: none; } blockquote { margin: 0 0 0 4px; }
>> > .bold { font-family: Arial; font-size: 13px; font-weight: 700; } .bold
>> > a { text-decoration: none; } dd.last p a { font-family: Verdana;
>> > font-weight: 700; } dd.last p span { margin-right: 10px; font-family:
>> > Verdana; font-weight: 700; } dd.last p span.yshortcuts { margin-right:
>> > 0; } div.attach-table div div a { text-decoration: none; }
>> > div.attach-table { width: 400px; } div.file-title a, div.file-title
>> > a:active, div.file-title a:hover, div.file-title a:visited {
>> > text-decoration: none; } div.photo-title a, div.photo-title a:active,
>> > div.photo-title a:hover, div.photo-title a:visited { text-decoration:
>> > none; } div#ygrp-mlmsg #ygrp-msg p a span.yshortcuts { font-family:
>> > Verdana; font-size: 10px; font-weight: normal; } .green { color:
>> > #628c2a; } .MsoNormal { margin: 0 0 0 0; } o { font-size: 0; } #photos
>> > div { float: left; width: 72px; } #photos div div { border: 1px solid
>> > #666666; height: 62px; overflow: hidden; width: 62px; } #photos div
>> > label { color: #666666; font-size: 10px; overflow: hidden; text-align:
>> > center; white-space: nowrap; width: 64px; } #reco-category {
>> > font-size: 77%; } #reco-desc { font-size: 77%; } .replbq { margin:
>> > 4px; } #ygrp-actbar div a:first-child { /* border-right: 0px solid
>> > #000;*/ margin-right: 2px; padding-right: 5px; } #ygrp-mlmsg {
>> > font-size: 13px; font-family: Arial, helvetica,clean, sans-serif;
>> > *font-size: small; *font: x-small; } #ygrp-mlmsg table { font-size:
>> > inherit; font: 100%; } #ygrp-mlmsg select, input, textarea { font: 99%
>> > Arial, Helvetica, clean, sans-serif; } #ygrp-mlmsg pre, code {
>> > font:115% monospace; *font-size:100%; } #ygrp-mlmsg * { line-height:
>> > 1.22em; } #ygrp-mlmsg #logo { padding-bottom: 10px; } #ygrp-mlmsg a {
>> > color: #1E66AE; } #ygrp-msg p a { font-family: Verdana; } #ygrp-msg
>> > p#attach-count span { color: #1E66AE; font-weight: 700; } #ygrp-reco
>> > #reco-head { color: #ff7900; font-weight: 700; } #ygrp-reco {
>> > margin-bottom: 20px; padding: 0px; } #ygrp-sponsor #ov li a {
>> > font-size: 130%; text-decoration: none; } #ygrp-sponsor #ov li {
>> > font-size: 77%; list-style-type: square; padding: 6px 0; }
>> > #ygrp-sponsor #ov ul { margin: 0; padding: 0 0 0 8px; } #ygrp-text {
>> > font-family: Georgia; } #ygrp-text p { margin: 0 0 1em 0; } #ygrp-text
>> > tt { font-size: 120%; } #ygrp-vital ul li:last-child { border-right:
>> > none !important; } -->
>> >
>>
>>
>> [Non-text portions of this message have been removed]
>>
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>
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>

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# 5133. Re: [T-368_BC-610] Re: BC-610H To Begin Restoration

Yahoo group: T-368_BC-610
Date: 2012-05-22 16:30:41 UTC
From: rbethman
Topic: 5128  Message: 5133

Len,

Robert Downs has already commented on the MFP coating. That being what you refer to "Yellow Varnish". You can even use 409 or such, just don't get the transformers or relay coils wet.

Close up digital pics are a royal pain for anyone to obtain, as they would have to take their's apart to do so.

The TM will lead you through the connection of the terminal boards, just pay careful attention.

You "may" find a few wires that you will deem needing replacement due to age. Not uncommon.

Tearing the front panel completely down is really not the best idea. Be carefule with the PA current meter! It IS a sealed meter! It also is insulated from the front panel by an insulating ring.

All the relay contacts will very likely require cleaning. This is normal for one of these that has sat for a period of time.

The potentiometers on the front panel may also need a bit of cleaning. Use one of the Caig products designed for such, as their "Fader Lube". Just do NOT over do it!

Bob - N0DGN

'---

[Non-text portions of this message have been removed]

# 5134. Re: BC-610H To Begin Restoration

Yahoo group: T-368_BC-610
Date: 2012-05-22 16:28:13 UTC
From: n2len
Topic: 5128  Message: 5134

Thanks for the reply and suggestion noted! I'm thinking so far that this beast wont need much to get back online.

--- In T-368_BC-610@yahoogroups.com, wa5cab@... wrote:
>
> Len,
>
> The yellowed varnish looking coating is probably MFP varnish. Whatever
> cleaner you choose to use on the cabinet will work fine on the MFP.
>
> One warning - never trust bleeder resistors, especially on the HV deck. My
> first flying trip in 1962 was courtesy of one in a BC-610-E.
>
> In a message dated 05/22/2012 11:08:01 AM Central Daylight Time,
> N2Len@... writes:
> > Hello Bob,
> > First off thanks for the initial listing of it!
> >
> > Here is where I am currently. Just in the "cleaning off the dust stage".
> > When I went over to Bill's QTh, he already dismantled the power supply deck
> > and the mod deck. So after I finish cleaning it all up, I would kindly ask
> > if anyone can supply me with some closeup digital pics of each terminal
> > strip. Bill also presented me with the original owner manual, which I am only
> > beginning to skim through. I will really sit down with it over the next
> > couple of nights to further educate me with this beast. I have been using
> > denatured alcohol to clean the chassis, it is not really strong enoght to cut
> > through the caked on dust I have used 409 on my junkston 500 and many other
> > chassis, but not with this varnish type of yellow chassis.
> > What do you guys recommend? I was also debating to completely remove the
> > front cabinet, all the switches and controls, meters etc.. to give the
> > cabinet a complete soap scrub and hosing. Any ideas? I really don't like to
> > paint or power coat and silk screen unless its completely necessary and would
> > rather keep it all original.
> >
> > My queries are also posted on Amfone.net with pictures....
> > http://amfone.net/Amforum/index.php?topic=31443.0
> >
> > Regards,
> > Len
> >
>
> Robert & Susan Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>

> [Non-text portions of this message have been removed]
>

# 5135. your restoration

Yahoo group: T-368_BC-610
Date: 2012-05-22 16:45:38 UTC
From: rbethman
Topic: 5135  Message: 5135

Len,

You'll find this group to be very helpful.

The knowledge, experience, and expertise is very broad.

About the only thing members won't do, is come visit you and do it for you! (LOL!)

As an aside, if you really want to use something other than tuning with the MO, you should look for an HP-3336 Frequency Synthesizer. It doesn't matter much as to whether it is an "A", "B", or "C" version. This provides a direct digital readout, and the output is adjustable to get the necessary 2V RF to input to the Tuning Unit. Just use an old FT-171 crystal that doesn't fit anywhere, frequency wise, take out the crystal, the spring, and attach the coaxial cable, RG-79 will work fine, as the short length of cable, coupled with the 75 ohm output won't make any difference.

(This is information direct from WB2FCN! He drives one of his two BC-610s with this method.)

I am now doing the same. I located one of these for about $80. To top it off, it was still in calibration.

Bob - N0DGN

# 5136. RE: [T-368_BC-610] BC-610H To Begin Restoration

Yahoo group: T-368_BC-610
Date: 2012-05-22 16:47:26 UTC
From: boatanchor@martasystems.com
Topic: 5128  Message: 5136

Len -

I went thru a transmitter that was in much worse shape than yours' apparently is. I had to completely disassemble mine and strip the CAD plating, then re-plate and re-letter each chassis. You may find some of the pictures useful from my "BC-610 Transmitter" gallery at:

http://www.longandflatsociety.com/WB6AZPBoatanchors/BoatanchorGalleries/tabid/451/Default.aspx

The gallery shows both Before and After pictures, but they're not sorted.

Good luck !

John WB6AZP

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of n2len
Sent: Tuesday, May 22, 2012 15:22
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] BC-610H To Begin Restoration

Hello Everyone,
I just picked up this weekend the beautiful donated gift of a BC-610H from Bill Kish.
Even though I missed Dayton this week, for me this topped any Dayton trip!
I wanted to query anyone here on the forum who went through the process of restoration with any information to share.
I needed to make 2 trips for complete pickup. Presently the Power Supply Deck and the Mod Deck was removed to make transit easier. The transmitter needed to be somewhat disassembled to make transit easier down a long flight of wooden steps.
I rented a heavy duty hand truck with straps to move the power supply deck. For some reason I thought it was heavier, but 2 people easily removed it out the back of my Excursion into the garage and placed on 2X4's.
Anyway, I only began cleaning out the dust, and wiping down each assembly. This beast is quite clean, only a little amount of surface rust on the bottom of the cabinet where it meets the Dollie. It was stored in a dry environment for many years unused.

All of the tubes were removed and wrapped in newspaper and stored in a box since the early 80's. I have 3 tuning units. (2 of which suffered from some surface rust on the sides.) I also have 3 Coil units. I haven't unwrapped any of the tubes yet and have not inventoried any of the remaining parts in that box.

I want to first continue the clean up of dust and dirt.
I love the fact that everything is so spread out with a ton of room.
So my first question is:
Will the front cabinet pull apart enough without complete dissemble?
I want to continue cleaning the back of front panel.
Or should I remove the RF deck?

I have been contemplating a complete disassemble, in order to fully wash the metal cabinet.

Some far off ideas...
Can I excite with the VFO from my 101E?
Whats the best setup for use in the Am window?

Here is another question I have been wanting to ask for sometime. I usually use denatured alcohol to clean everything. Anyone have suggestions on how to properly clean the glass of a tube without removing the labeling?
I just have been wiping everything and carefully avoiding the labeling.

Tonight, a rainy evening will be skimming through the Tech manual, becoming quarantined with the internals.

Thanks again Mr.Kish, and Bob for passing this information along!
Len N2LEN

[Non-text portions of this message have been removed]

# 5137. Re: your restoration

Yahoo group: T-368_BC-610
Date: 2012-05-22 17:24:59 UTC
From: n2len
Topic: 5135  Message: 5137

Thanks Bob..
I'll check out the HF-3336. May even go fixed crystal. Can these 171b's be recrystallized for the Am window?

--- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@...> wrote:
>
> Len,
>
> You'll find this group to be very helpful.
>
> The knowledge, experience, and expertise is very broad.
>
> About the only thing members won't do, is come visit you and do it for
> you! (LOL!)
>
> As an aside, if you really want to use something other than tuning with
> the MO, you should look for an HP-3336 Frequency Synthesizer. It
> doesn't matter much as to whether it is an "A", "B", or "C" version.
> This provides a direct digital readout, and the output is adjustable to
> get the necessary 2V RF to input to the Tuning Unit. Just use an old
> FT-171 crystal that doesn't fit anywhere, frequency wise, take out the
> crystal, the spring, and attach the coaxial cable, RG-79 will work fine,
> as the short length of cable, coupled with the 75 ohm output won't make
> any difference.
>
> (This is information direct from WB2FCN! He drives one of his two
> BC-610s with this method.)
>
> I am now doing the same. I located one of these for about $80. To top
> it off, it was still in calibration.
>
> Bob - N0DGN
>

# 5138. Re: BC-610H To Begin Restoration

Yahoo group: T-368_BC-610
Date: 2012-05-22 17:29:22 UTC
From: n2len
Topic: 5128  Message: 5138

Wow John, Very nice pictures!
Whats the history of that beast? Looked like it was stored outside for sometime.

--- In T-368_BC-610@yahoogroups.com, <boatanchor@...> wrote:
>
> Len -
>
>
>
> I went thru a transmitter that was in much worse shape than yours'
> apparently is. I had to completely disassemble mine and strip the CAD
> plating, then re-plate and re-letter each chassis. You may find some of the
> pictures useful from my "BC-610 Transmitter" gallery at:
>
> http://www.longandflatsociety.com/WB6AZPBoatanchors/BoatanchorGalleries/tabi
> d/451/Default.aspx
>
>
>
> The gallery shows both Before and After pictures, but they're not sorted.
>
>
>
> Good luck !
>
>
>
> John WB6AZP
>
>
>
>
>
>
>
> From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On
> Behalf Of n2len
> Sent: Tuesday, May 22, 2012 15:22
> To: T-368_BC-610@yahoogroups.com
> Subject: [T-368_BC-610] BC-610H To Begin Restoration
>
>
>
>
>
>

> Hello Everyone,
> I just picked up this weekend the beautiful donated gift of a BC-610H from
> Bill Kish.
> Even though I missed Dayton this week, for me this topped any Dayton trip!
> I wanted to query anyone here on the forum who went through the process of
> restoration with any information to share.
> I needed to make 2 trips for complete pickup. Presently the Power Supply
> Deck and the Mod Deck was removed to make transit easier. The transmitter
> needed to be somewhat disassembled to make transit easier down a long flight
> of wooden steps.
> I rented a heavy duty hand truck with straps to move the power supply deck.
> For some reason I thought it was heavier, but 2 people easily removed it out
> the back of my Excursion into the garage and placed on 2X4's.
> Anyway, I only began cleaning out the dust, and wiping down each assembly.
> This beast is quite clean, only a little amount of surface rust on the
> bottom of the cabinet where it meets the Dollie. It was stored in a dry
> environment for many years unused.
>
> All of the tubes were removed and wrapped in newspaper and stored in a box
> since the early 80's. I have 3 tuning units. (2 of which suffered from some
> surface rust on the sides.) I also have 3 Coil units. I haven't unwrapped
> any of the tubes yet and have not inventoried any of the remaining parts in
> that box.
>
> I want to first continue the clean up of dust and dirt.
> I love the fact that everything is so spread out with a ton of room.
> So my first question is:
> Will the front cabinet pull apart enough without complete dissemble?
> I want to continue cleaning the back of front panel.
> Or should I remove the RF deck?
>
> I have been contemplating a complete disassemble, in order to fully wash the
> metal cabinet.
>
> Some far off ideas...
> Can I excite with the VFO from my 101E?
> Whats the best setup for use in the Am window?
>
> Here is another question I have been wanting to ask for sometime. I usually
> use denatured alcohol to clean everything. Anyone have suggestions on how to
> properly clean the glass of a tube without removing the labeling?
> I just have been wiping everything and carefully avoiding the labeling.
>
> Tonight, a rainy evening will be skimming through the Tech manual, becoming
> quarantined with the internals.
>
> Thanks again Mr.Kish, and Bob for passing this information along!
> Len N2LEN
>
>

>
>
>
> [Non-text portions of this message have been removed]
>

# 5139. Re: [T-368_BC-610] Re: your restoration

Yahoo group: T-368_BC-610
Date: 2012-05-22 17:37:13 UTC
From: rbethman
Topic: 5135  Message: 5139

Yes, they can.

However, finding FT-171s is not the easiest thing in the world.

They are around, just not overly plentiful.

You can look at AF4Ks site. He does have some number of them. However
they also aren't cheap. They tend to run around $20 ea. or more.

Bob - N0DGN

On 5/22/2012 1:24 PM, n2len wrote:
>
> Thanks Bob..
> I'll check out the HF-3336. May even go fixed crystal. Can these
> 171b's be recrystallized for the Am window?
>
>

[Non-text portions of this message have been removed]

# 5140. FT-171 crystals

Yahoo group: T-368_BC-610
Date: 2012-05-22 17:39:15 UTC
From: rbethman
Topic: 5140  Message: 5140

Bry's site is: <http://AF4K.COM>

Bob - N0DGN

# 5141. Re: [T-368_BC-610] Re: your restoration

Yahoo group: T-368_BC-610
Date: 2012-05-22 17:45:18 UTC
From: rbethman
Topic: 5135  Message: 5141

Len,

Keep in mind that the FT-171B crystals operate in the oscillator section in more than one way.

First - They operate at the frequency stamped/printed on the front.

Second - They will double!

Third - They will also triple!

So you "can" get more use from a single crystal. Once again, make sure you use the appropriate Tuning Unit and PA coil for the desired frequency!

Bob - N0DGN

[Non-text portions of this message have been removed]

# 5142. Re: [T-368_BC-610] re crystals

Yahoo group: T-368_BC-610
Date: 2012-05-22 17:55:47 UTC
From: Mark Foltarz
Topic: 5135  Message: 5142

I have ground my own crystals for the 610.
Relatively easy to do.
Remember you can only "grind up" in frequency - the more mass the lower the frequency.
I keep finding them here at Florida hamfests.
I have my 610 "rocked up" for 3655, 3675 and 3885.
The TUs rarely need tweaking so to qsy all I have to do is select the frequency then dip the plate.

de KA4JVY

Mark

>_____
> From: rbethman <rbethman@...>
>To: T-368_BC-610@yahoogroups.com
>Sent: Tuesday, May 22, 2012 1:45 PM
>Subject: Re: [T-368_BC-610] Re: your restoration
>
>
>
>Len,
>
>Keep in mind that the FT-171B crystals operate in the oscillator section
>in more than one way.
>
>First - They operate at the frequency stamped/printed on the front.
>
>Second - They will double!
>
>Third - They will also triple!
>
>So you "can" get more use from a single crystal. Once again, make sure
>you use the appropriate Tuning Unit and PA coil for the desired frequency!
>
>Bob - N0DGN
>
>[Non-text portions of this message have been removed]
>
>
>
>
>

[Non-text portions of this message have been removed]

# 5143. Your Restoration

Yahoo group: T-368_BC-610
Date: 2012-05-22 18:02:26 UTC
From: rbethman
Topic: 5135  Message: 5143

Len,

One other thing I'll suggest.

If in the tubes that you have, should there be 866 mercury vapor rectifiers, I'd suggest that you pick up a pair of 3B28s instead. They are a direct replacement. They also are Xenon rectifiers, and eliminate the problems inherent with the Mercury arcing over.

It indeed became one of Uncle Sam's changes.

Bob - N0DGN

[Non-text portions of this message have been removed]

# 5144. RE: [T-368_BC-610] Re: BC-610H To Begin Restoration

Yahoo group: T-368_BC-610
Date: 2012-05-22 18:07:36 UTC
From: boatanchor@martasystems.com
Topic: 5128  Message: 5144

Len -

My transmitter was an Ebay purchase, and it came out of the Atlanta area. I don't think it was stored outside, but it must have been in a barn or shed. One or more critters called it home for awhile. It didn't look too bad when it arrived, but when I opened it up, I found it chock full o'nuts. You can see the damage on all the chassis.

I figured at that point I had nothing to lose, so I put on heavy rubber gloves, removed the icky stuff with oven cleaner and a hose, then carefully disassembled it. Most of the parts went into the bead blaster. I had the chassis and a lot of the hardware replated in CAD-1, and created a stencil set in the correct font and relettered all the chassis.

I was able to use some of the original wiring, but had to rebuild some with new (correct) wire. I also made silk-screens for quite a few of the transformers then stripped, painted and rescreened them, too.

The front panel was actually in pretty good condition, and after scrubbing with soap and water, I carefully masked the lettering and sprayed it with SEM brand "Original Trim Black" automotive paint - that stuff is the correct sheen, and it's thin so it doesn't fill up the wrinkle paint. It came out perfect.

If anyone needs the Corel silkscreen files for the transformers and/or the lettering, I'm happy to share.

John WB6AZP

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of n2len
Sent: Tuesday, May 22, 2012 17:29
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] Re: BC-610H To Begin Restoration

Wow John, Very nice pictures!
Whats the history of that beast? Looked like it was stored outside for sometime.

--- In T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>, <boatanchor@...> wrote:
>
> Len -
>
>
>
> I went thru a transmitter that was in much worse shape than yours'

> apparently is. I had to completely disassemble mine and strip the CAD
> plating, then re-plate and re-letter each chassis. You may find some of
the
> pictures useful from my "BC-610 Transmitter" gallery at:
>
>
http://www.longandflatsociety.com/WB6AZPBoatanchors/BoatanchorGalleries/tabi
> d/451/Default.aspx
>
>
>
> The gallery shows both Before and After pictures, but they're not sorted.
>
>
>
> Good luck !
>
>
>
> John WB6AZP
>
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>
> From: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
[mailto:T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
] On
> Behalf Of n2len
> Sent: Tuesday, May 22, 2012 15:22
> To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> Subject: [T-368_BC-610] BC-610H To Begin Restoration
>
>
>
>
>
> Hello Everyone,
> I just picked up this weekend the beautiful donated gift of a BC-610H from
> Bill Kish.
> Even though I missed Dayton this week, for me this topped any Dayton trip!
> I wanted to query anyone here on the forum who went through the process of
> restoration with any information to share.
> I needed to make 2 trips for complete pickup. Presently the Power Supply
> Deck and the Mod Deck was removed to make transit easier. The transmitter
> needed to be somewhat disassembled to make transit easier down a long
flight
> of wooden steps.

> I rented a heavy duty hand truck with straps to move the power supply
deck.
> For some reason I thought it was heavier, but 2 people easily removed it
out
> the back of my Excursion into the garage and placed on 2X4's.
> Anyway, I only began cleaning out the dust, and wiping down each assembly.
> This beast is quite clean, only a little amount of surface rust on the
> bottom of the cabinet where it meets the Dollie. It was stored in a dry
> environment for many years unused.
>
> All of the tubes were removed and wrapped in newspaper and stored in a box
> since the early 80's. I have 3 tuning units. (2 of which suffered from
some
> surface rust on the sides.) I also have 3 Coil units. I haven't unwrapped
> any of the tubes yet and have not inventoried any of the remaining parts
in
> that box.
>
> I want to first continue the clean up of dust and dirt.
> I love the fact that everything is so spread out with a ton of room.
> So my first question is:
> Will the front cabinet pull apart enough without complete dissemble?
> I want to continue cleaning the back of front panel.
> Or should I remove the RF deck?
>
> I have been contemplating a complete disassemble, in order to fully wash
the
> metal cabinet.
>
> Some far off ideas...
> Can I excite with the VFO from my 101E?
> Whats the best setup for use in the Am window?
>
> Here is another question I have been wanting to ask for sometime. I
usually
> use denatured alcohol to clean everything. Anyone have suggestions on how
to
> properly clean the glass of a tube without removing the labeling?
> I just have been wiping everything and carefully avoiding the labeling.
>
> Tonight, a rainy evening will be skimming through the Tech manual,
becoming
> quarantined with the internals.
>
> Thanks again Mr.Kish, and Bob for passing this information along!
> Len N2LEN
>
>
>
>

>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 5145. Your Restoration

Yahoo group: T-368_BC-610
Date: 2012-05-22 18:18:33 UTC
From: rbethman
Topic: 5135  Message: 5145

Len,

Once you get things sorted through, let the group know what Tuning Units you have, and what PA coils you have.

Those items are NOT rare, and some have extras in their horde of parts.

Bob - N0DGN

# 5146. HO17

Yahoo group: T-368_BC-610
Date: 2012-05-22 20:00:33 UTC
From: Alan Morriss
Topic: 4476  Message: 5146

hi , well , we just got on with the job ! the only bit in poor shape was the roof. this is actually canvas stretched over wood and painted . beneath this is an early sort of fibreglass. we removed the old canvas , and the wooden laths were mostly ok . those which were not were replaced with treated ones . the canvas we used to re cover the roof was ordinary vehicle stuff , the same as the GMC .once this was fitted , it was painted with several coats.
the interior was fine and is in the original paint . it looks great , and very little else had to be done except cleaning and polishing .
ours was in use by the luxembourg army until the 60s as we have message forms dating from then. good luck ! alan

[Non-text portions of this message have been removed]

# 5147. more

Yahoo group: T-368_BC-610
Date: 2012-05-22 20:03:26 UTC
From: Alan Morriss
Topic: 5147  Message: 5147

oh , i forgot. the shelter was made by the checker cab company, and we did not have a door handle. i located a door handle from a contempory american car which fits perfectly, and looks the part. alan

[Non-text portions of this message have been removed]

# 5148. photo

Yahoo group: T-368_BC-610
Date: 2012-05-22 20:13:25 UTC
From: Alan Morriss
Topic: 4625  Message: 5148

hello tom , i have added a photo of the truck and shelter to my file. cheers, alan

[Non-text portions of this message have been removed]

# 5149. Re: BC-610H To Begin Restoration

Yahoo group: T-368_BC-610
Date: 2012-05-22 21:02:32 UTC
From: n2len
Topic: 5128  Message: 5149

John,
That's great and something to be proud of!
I enjoyed reading what you used to clean out the crud!
Someone else who I was replying to in the Amfone site also masked the original lettering from the front panel and lightly sprayed it.
I would love to have the artwork if you don't mind sending the files.

Cleaning the mod deck today, ended up with nice results.
Pics posted here.
http://amfone.net/Amforum/index.php?topic=31443.0

I am thinking to go ahead with the removal of the RF deck, then front panel. To fully scrub it.

Len,
N2LEN@...

--- In T-368_BC-610@yahoogroups.com, <boatanchor@...> wrote:
>
> Len -
>
>
>
> My transmitter was an Ebay purchase, and it came out of the Atlanta area. I
> don't think it was stored outside, but it must have been in a barn or shed.
> One or more critters called it home for awhile. It didn't look too bad when
> it arrived, but when I opened it up, I found it chock full o'nuts. You can
> see the damage on all the chassis.
>
>
>
> I figured at that point I had nothing to lose, so I put on heavy rubber
> gloves, removed the icky stuff with oven cleaner and a hose, then carefully
> disassembled it. Most of the parts went into the bead blaster. I had the
> chassis and a lot of the hardware replated in CAD-1, and created a stencil
> set in the correct font and relettered all the chassis.
>
>
>
> I was able to use some of the original wiring, but had to rebuild some with
> new (correct) wire. I also made silk-screens for quite a few of the
> transformers then stripped, painted and rescreened them, too.
>
>
>
> The front panel was actually in pretty good condition, and after scrubbing

> with soap and water, I carefully masked the lettering and sprayed it with
> SEM brand "Original Trim Black" automotive paint - that stuff is the correct
> sheen, and it's thin so it doesn't fill up the wrinkle paint. It came out
> perfect.
>
>
>
> If anyone needs the Corel silkscreen files for the transformers and/or the
> lettering, I'm happy to share.
>
>
>
> John WB6AZP
>
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>
>
>
> From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On
> Behalf Of n2len
> Sent: Tuesday, May 22, 2012 17:29
> To: T-368_BC-610@yahoogroups.com
> Subject: [T-368_BC-610] Re: BC-610H To Begin Restoration
>
>
>
>
>
> Wow John, Very nice pictures!
> Whats the history of that beast? Looked like it was stored outside for
> sometime.
>
> --- In T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> , <boatanchor@> wrote:
> >
> > Len -
> >
> >
> >
> > I went thru a transmitter that was in much worse shape than yours'
> > apparently is. I had to completely disassemble mine and strip the CAD
> > plating, then re-plate and re-letter each chassis. You may find some of
> the
> > pictures useful from my "BC-610 Transmitter" gallery at:
> >
> >
> http://www.longandflatsociety.com/WB6AZPBoatanchors/BoatanchorGalleries/tabi
> > d/451/Default.aspx

> >
> >
> >
> > The gallery shows both Before and After pictures, but they're not sorted.
> >
> >
> >
> > Good luck !
> >
> >
> >
> > John WB6AZP
> >
> >
> >
> >
> >
> >
> >
> > From: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> [mailto:T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> ] On
> > Behalf Of n2len
> > Sent: Tuesday, May 22, 2012 15:22
> > To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> > Subject: [T-368_BC-610] BC-610H To Begin Restoration
> >
> >
> >
> >
> >
> > Hello Everyone,
> > I just picked up this weekend the beautiful donated gift of a BC-610H from
> > Bill Kish.
> > Even though I missed Dayton this week, for me this topped any Dayton trip!
> > I wanted to query anyone here on the forum who went through the process of
> > restoration with any information to share.
> > I needed to make 2 trips for complete pickup. Presently the Power Supply
> > Deck and the Mod Deck was removed to make transit easier. The transmitter
> > needed to be somewhat disassembled to make transit easier down a long
> flight
> > of wooden steps.
> > I rented a heavy duty hand truck with straps to move the power supply
> deck.
> > For some reason I thought it was heavier, but 2 people easily removed it
> out
> > the back of my Excursion into the garage and placed on 2X4's.
> > Anyway, I only began cleaning out the dust, and wiping down each assembly.
> > This beast is quite clean, only a little amount of surface rust on the
> > bottom of the cabinet where it meets the Dollie. It was stored in a dry

> > environment for many years unused.
> >
> > All of the tubes were removed and wrapped in newspaper and stored in a box
> > since the early 80's. I have 3 tuning units. (2 of which suffered from
> some
> > surface rust on the sides.) I also have 3 Coil units. I haven't unwrapped
> > any of the tubes yet and have not inventoried any of the remaining parts
> in
> > that box.
> >
> > I want to first continue the clean up of dust and dirt.
> > I love the fact that everything is so spread out with a ton of room.
> > So my first question is:
> > Will the front cabinet pull apart enough without complete dissemble?
> > I want to continue cleaning the back of front panel.
> > Or should I remove the RF deck?
> >
> > I have been contemplating a complete disassemble, in order to fully wash
> the
> > metal cabinet.
> >
> > Some far off ideas...
> > Can I excite with the VFO from my 101E?
> > Whats the best setup for use in the Am window?
> >
> > Here is another question I have been wanting to ask for sometime. I
> usually
> > use denatured alcohol to clean everything. Anyone have suggestions on how
> to
> > properly clean the glass of a tube without removing the labeling?
> > I just have been wiping everything and carefully avoiding the labeling.
> >
> > Tonight, a rainy evening will be skimming through the Tech manual,
> becoming
> > quarantined with the internals.
> >
> > Thanks again Mr.Kish, and Bob for passing this information along!
> > Len N2LEN
> >
> >
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> >
> > [Non-text portions of this message have been removed]
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>

> [Non-text portions of this message have been removed]
>

# 5150. Re: Your Restoration

Yahoo group: T-368_BC-610
Date: 2012-05-22 21:19:22 UTC
From: n2len
Topic: 5135  Message: 5150

Will-do tks!

--- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@...> wrote:
>
> Len,
>
> Once you get things sorted through, let the group know what Tuning Units
> you have, and what PA coils you have.
>
> Those items are NOT rare, and some have extras in their horde of parts.
>
> Bob - N0DGN
>

# 5151. Re: [T-368_BC-610] photo

Yahoo group: T-368_BC-610
Date: 2012-05-22 21:21:44 UTC
From: Tom Dawson
Topic: 4625  Message: 5151

Alan,

Thanks for the info, regarding Checker Company. Good work finding the handle.

Aladdin Company in Michigan, a "Kit Home" manufacturer, may also have manufactured those shelters, as there are some records in a collection of company papers in the Clarke Historical Library at Central Michigan University, but being in Virginia, it will be a while before I get a look at any of those documents.

Your picture was stripped by yahoo, by the way.

Again, many thanks, every bit of information helps.

regards,

Tom
----- Original Message -----
From: "Alan Morriss" <mohawk@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Tuesday, May 22, 2012 4:13 PM
Subject: [T-368_BC-610] photo

> hello tom , i have added a photo of the truck and shelter to my file.
> cheers, alan
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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>
>

# 5152. Re: [T-368_BC-610] photo

Yahoo group: T-368_BC-610
Date: 2012-05-22 21:35:25 UTC
From: rbethman
Topic: 4625  Message: 5152

Tom,

Check the files area of the group.

That is where Alan posted it.

Bob - N0DGN

On 5/22/2012 5:21 PM, Tom Dawson wrote:
>
> Alan,
>
> Thanks for the info, regarding Checker Company. Good work finding the
> handle.
>
> Aladdin Company in Michigan, a "Kit Home" manufacturer, may also have
> manufactured those shelters, as there are some records in a collection of
> company papers in the Clarke Historical Library at Central Michigan
> University, but being in Virginia, it will be a while before I get a
> look at
> any of those documents.
>
> Your picture was stripped by yahoo, by the way.
>
> Again, many thanks, every bit of information helps.
>
> regards,
>
> Tom
> ----- Original Message -----
> From: "Alan Morriss" <mohawk@... <mailto:mohawk%40clara.co.uk>>
> To: <T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>>
> Sent: Tuesday, May 22, 2012 4:13 PM
> Subject: [T-368_BC-610] photo
>
> > hello tom , i have added a photo of the truck and shelter to my file.
> > cheers, alan
> >
> > [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 5153. RE: [T-368_BC-610] photo

Yahoo group: T-368_BC-610
Date: 2012-05-22 21:42:40 UTC
From: Thekan, Paul
Topic: 4625  Message: 5153

I think a outfit called DeKalb made my HO 17.

Paul
N6FEG

_____
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Tom Dawson
Sent: Tuesday, May 22, 2012 2:22 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] photo

Alan,

Thanks for the info, regarding Checker Company. Good work finding the handle.

Aladdin Company in Michigan, a "Kit Home" manufacturer, may also have manufactured those shelters, as there are some records in a collection of company papers in the Clarke Historical Library at Central Michigan University, but being in Virginia, it will be a while before I get a look at any of those documents.

Your picture was stripped by yahoo, by the way.

Again, many thanks, every bit of information helps.

regards,

Tom
----- Original Message -----
From: "Alan Morriss" <mohawk@...<mailto:mohawk%40clara.co.uk>>
To: <T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610%40yahoogroups.com>>
Sent: Tuesday, May 22, 2012 4:13 PM
Subject: [T-368_BC-610] photo

> hello tom , i have added a photo of the truck and shelter to my file.
> cheers, alan
>
> [Non-text portions of this message have been removed]
>
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> Yahoo! Groups Links
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This message, including any attachments, may include privileged,
confidential and/or inside information. Any distribution or use of this
communication by anyone other than the intended recipient(s) is strictly
prohibited and may be unlawful. If you are not the intended recipient,
please notify the sender by replying to this message and then delete it from your system.

[Non-text portions of this message have been removed]

# 5154. Early Antenna Tuner

Yahoo group: T-368_BC-610
Date: 2012-05-22 22:00:04 UTC
From: Bill Harris
Topic: 4625  Message: 5154

In the mid to late 30's; Hallicrafters produced a tuner. Nothing like the BC639.It was housed behind a 19 inch wide panel with two tuning knobs. The number "AT-1" comes to mind but, I may have that confused with a Heathkit number. Anyone out there with a better recollection than mine?
Later

de Bill-w7kxb. .

[Non-text portions of this message have been removed]

# 5155. Re: [T-368_BC-610] photo

Yahoo group: T-368_BC-610
Date: 2012-05-22 22:29:22 UTC
From: Tom Dawson
Topic: 4625  Message: 5155

Thanks, Bob, I was distracted by the

"[Non-text portions of this message have been removed]" in my

and thought it referred to the picture.

regards,

Tom

----- Original Message-----
From: "rbethman" <rbethman@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Tuesday, May 22, 2012 5:35 PM
Subject: Re: [T-368_BC-610] photo

> Tom,
>
> Check the files area of the group.
>
> That is where Alan posted it.
>
> Bob - N0DGN
>
> On 5/22/2012 5:21 PM, Tom Dawson wrote:
>>
>> Alan,
>>
>> Thanks for the info, regarding Checker Company. Good work finding the
>> handle.
>>
>> Aladdin Company in Michigan, a "Kit Home" manufacturer, may also have
>> manufactured those shelters, as there are some records in a collection of
>> company papers in the Clarke Historical Library at Central Michigan
>> University, but being in Virginia, it will be a while before I get a
>> look at
>> any of those documents.
>>
>> Your picture was stripped by yahoo, by the way.
>>
>> Again, many thanks, every bit of information helps.
>>
>> regards,
>>
>> Tom
>> ----- Original Message -----

>> From: "Alan Morriss" <mohawk@... <mailto:mohawk%40clara.co.uk>>
>> To: <T-368_BC-610@yahoogroups.com
>> <mailto:T-368_BC-610%40yahoogroups.com>>
>> Sent: Tuesday, May 22, 2012 4:13 PM
>> Subject: [T-368_BC-610] photo
>>
>> > hello tom , i have added a photo of the truck and shelter to my file.
>> > cheers, alan
>> >
>> > [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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> ------------------------------------
>
> Yahoo! Groups Links
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>

# 5156. Re: [T-368_BC-610] photo

Yahoo group: T-368_BC-610
Date: 2012-05-22 22:31:56 UTC
From: Tom Dawson
Topic: 4625  Message: 5156

Paul,

I'd be surprised if there weren't several manufacturers. I'll like to see the drawings the shelters were built to so I can judge the practicality of making a reasonable replica. Not the top of my list, but certainly a point of curiosity. Among others...

regsards,

Tom

----- Original Message -----
From: "Thekan, Paul" <Paul.Thekan@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Tuesday, May 22, 2012 5:42 PM
Subject: RE: [T-368_BC-610] photo

>I think a outfit called DeKalb made my HO 17.
>
> Paul
> N6FEG
>
> _____
> From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
> On Behalf Of Tom Dawson
> Sent: Tuesday, May 22, 2012 2:22 PM
> To: T-368_BC-610@yahoogroups.com
> Subject: Re: [T-368_BC-610] photo
>
>
>
> Alan,
>
> Thanks for the info, regarding Checker Company. Good work finding the
> handle.
>
> Aladdin Company in Michigan, a "Kit Home" manufacturer, may also have
> manufactured those shelters, as there are some records in a collection of
> company papers in the Clarke Historical Library at Central Michigan
> University, but being in Virginia, it will be a while before I get a look
> at
> any of those documents.
>
> Your picture was stripped by yahoo, by the way.
>
> Again, many thanks, every bit of information helps.

>
> regards,
>
> Tom
> ----- Original Message -----
> From: "Alan Morriss" <mohawk@...<mailto:mohawk%40clara.co.uk>>
> To: <T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610%40yahoogroups.com>>
> Sent: Tuesday, May 22, 2012 4:13 PM
> Subject: [T-368_BC-610] photo
>
>> hello tom , i have added a photo of the truck and shelter to my file.
>> cheers, alan
>>
>> [Non-text portions of this message have been removed]
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>> Yahoo! Groups Links
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>
> This message, including any attachments, may include privileged,
> confidential and/or inside information. Any distribution or use of this
> communication by anyone other than the intended recipient(s) is strictly
> prohibited and may be unlawful. If you are not the intended recipient,
> please notify the sender by replying to this message and then delete it
> from your system.
>
>
> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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# 5157. RE: [T-368_BC-610] Early Antenna Tuner

Yahoo group: T-368_BC-610
Date: 2012-05-22 22:33:16 UTC
From: GOMEZ, STEVEN B
Topic: 4625  Message: 5157

I uploaded an advertisement from 1945 for an AT-2 in my BC-610 trivia folder.
73,
Steve ke5o

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Bill Harris
Sent: Tuesday, May 22, 2012 5:00 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] Early Antenna Tuner

In the mid to late 30's; Hallicrafters produced a tuner. Nothing like the BC639.It was housed behind a 19 inch wide panel with two tuning knobs. The number "AT-1" comes to mind but, I may have that confused with a Heathkit number. Anyone out there with a better recollection than mine?
Later

de Bill-w7kxb. .

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5158. RE: [T-368_BC-610] Early Antenna Tuner

Yahoo group: T-368_BC-610
Date: 2012-05-22 23:03:24 UTC
From: Bill Harris
Topic: 4625  Message: 5158

Don't see you upload Steve.
de Bill-w7kxb. .

To: T-368_BC-610@yahoogroups.com
From: SGOMEZ@...
Date: Tue, 22 May 2012 22:33:16 +0000
Subject: RE: [T-368_BC-610] Early Antenna Tuner

I uploaded an advertisement from 1945 for an AT-2 in my BC-610 trivia folder.

73,

Steve ke5o

[Non-text portions of this message have been removed]

# 5159. Re: [T-368_BC-610] Early Antenna Tuner

Yahoo group: T-368_BC-610
Date: 2012-05-23 00:10:19 UTC
From: GOMEZ, STEVEN B
Topic: 4625  Message: 5159

Bill, look here....

http://groups.yahoo.com/group/T-368_BC-610/photos/album/430669730/pic/472037735/view?picmode=&mode=tn&order=ordinal&start=1&count=20&dir=asc

---
Sent from my BlackBerry Wireless Handheld

From: Bill Harris [mailto:w7kxb@...]
Sent: Tuesday, May 22, 2012 06:03 PM
To: T-368_BC-610@yahoogroups.com <t-368_bc-610@yahoogroups.com>
Subject: RE: [T-368_BC-610] Early Antenna Tuner

Don't see you upload Steve.
de Bill-w7kxb. .

To: T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610%40yahoogroups.com>
From: SGOMEZ@...<mailto:SGOMEZ%40entergy.com>
Date: Tue, 22 May 2012 22:33:16 +0000
Subject: RE: [T-368_BC-610] Early Antenna Tuner

I uploaded an advertisement from 1945 for an AT-2 in my BC-610 trivia folder.

73,

Steve ke5o

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5160. RE: [T-368_BC-610] Hallicrafters AT-2 Antenna Tuner

Yahoo group: T-368_BC-610
Date: 2012-05-23 02:53:37 UTC
From: Bill Harris
Topic: 4625  Message: 5160

Thanks Steve:
I came by one of these units a while back. I would like to find the manual now.
Later

de Bill-w7kxb. .----------sent from my HP Pavilion 667501 PC
To: T-368_BC-610@yahoogroups.com
From: SGOMEZ@...
Date: Wed, 23 May 2012 00:10:19 +0000
Subject: Re: [T-368_BC-610] Early Antenna Tuner

Bill, look here....

http://groups.yahoo.com/group/T-368_BC-610/photos/album/430669730/pic/472037735/view?picmode=&mode=tn&order=ordinal&start=1&count=20&dir=asc

---

Sent from my BlackBerry Wireless Handheld

[Non-text portions of this message have been removed]

# 5161. Re: [T-368_BC-610] Hallicrafters AT-2 Antenna Tuner

Yahoo group: T-368_BC-610
Date: 2012-05-23 13:02:57 UTC
From: rbethman
Topic: 4625  Message: 5161

Bill,

It will take more than a manual. Reading the page that the picture is
on states that it is intended for ladder line antenna feed, AND requires
plug in inductors.

I wouldn't imagine that they would be easy to locate.

Bob - N0DGN

On 5/22/2012 10:53 PM, Bill Harris wrote:
>
>
> Thanks Steve:
> I came by one of these units a while back. I would like to find the
> manual now.
> Later
>
> de Bill-w7kxb.
>
>

[Non-text portions of this message have been removed]

# 5162. Antenna Tuners

Yahoo group: T-368_BC-610
Date: 2012-05-23 14:23:59 UTC
From: rbethman
Topic: 5162  Message: 5162

Bill,

You'll note that the AT-2 is a PI Network.

The AT-3, better known as the BC-939, is a horse of a different color. Its purpose is to less act as an antenna tuner, and more like an Antenna Coupler. It will not tune a coaxial fed antenna, and the design results in feeding either the 25 foot whip that was used on the communication shelter, or to feed what Uncle Sam called "Long Wire" antennas. When one read the manual, you find that those are different lengths dependent upon the desired frequency range, and while its input impedance is 50 ohm, it couples to antennas with an impedance of 300 ohms.

I can tell you that these old Beasts will NOT work with a "T" network! I've tried that.

I wonder if there was an AT-1?

Bob - N0DGN

# 5163. Re: Hallicrafters AT-2 Antenna Tuner

Yahoo group: T-368_BC-610
Date: 2012-05-23 15:18:52 UTC
From: Roger Basford
Topic: 4625  Message: 5163

Hi Bill,

I have an HT-4 manual, probably pre-WWII, that contains the AT-2 info and photos. It's basically a double pi-network selectable for balanced or single feeders. I'm away for a couple of weeks but would be happy to scan it for you when I get home.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, Bill Harris <w7kxb@...> wrote:
>
>
> Thanks Steve:
> I came by one of these units a while back. I would like to find the manual now.
> Later
>
> de Bill-w7kxb. .-----------------------sent from my HP Pavilion 667501 PC
> To: T-368_BC-610@yahoogroups.com
> From: SGOMEZ@...
> Date: Wed, 23 May 2012 00:10:19 +0000
> Subject: Re: [T-368_BC-610] Early Antenna Tuner
>
>
>

>
>
> Bill, look here....
>
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>
> http://groups.yahoo.com/group/T-368_BC-610/photos/album/430669730/pic/472037735/view?picmode=&mode=tn&order=ordinal&start=1&count=20&dir=asc
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> Sent from my BlackBerry Wireless Handheld
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> [Non-text portions of this message have been removed]
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# 5164. RE: Re: Hallicrafters AT-2 Antenna Tuner

Yahoo group: T-368_BC-610
Date: 2012-05-23 15:56:53 UTC
From: Bill Harris
Topic: 4625  Message: 5164

Hi Roger:
I would be most appreciative if you would do that for me.I've been searching the iNet for information on this unit andso far it's been NO Joy; other than a 1940's Ad, sent to me by SteveG.
http://groups.yahoo.com/group/T-368_BC-610/photos/album/430669730/pic/472037735/view?picmode=&mode=tn&order=ordinal&start=1&count=20&dir=asc
I'll drag the tuner out from storage and open it up. If it's a dual Pi-network, I could put it to good use.
Later
de Bill-w7kxb
. .To: T-368_BC-610@yahoogroups.com
From: Roger@...
Date: Wed, 23 May 2012 15:18:52 +0000
Subject: [T-368_BC-610] Re: Hallicrafters AT-2 Antenna Tuner

Hi Bill,

I have an HT-4 manual, probably pre-WWII, that contains the AT-2 info and photos. It's basically a double pi-network selectable for balanced or single feeders. I'm away for a couple of weeks but would be happy to scan it for you when I get home.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, Bill Harris <w7kxb@...> wrote:

>

>

> Thanks Steve:

> I came by one of these units a while back. I would like to find the manual now.

> Later

>

> de Bill-w7kxb. .-----------------------sent from my HP Pavilion 667501 PC

> To: T-368_BC-610@yahoogroups.com

> From: SGOMEZ@...

> Date: Wed, 23 May 2012 00:10:19 +0000

> Subject: Re: [T-368_BC-610] Early Antenna Tuner

> Bill, look here....
>

> http://groups.yahoo.com/group/T-368_BC-610/photos/album/430669730/pic/472037735/view?picmode=&mode=tn&order=ordinal&start=1&count=20&dir=asc

[Non-text portions of this message have been removed]

# 5165. Re: BC-610H To Begin Restoration

Yahoo group: T-368_BC-610
Date: 2012-05-23 17:08:35 UTC
From: n2len
Topic: 5128  Message: 5165

After contemplating the removal of the front panel, that was today's project. Cleaning behind the front panel would have been quite difficult and I want to really inspect all panel connections. Now that the panel is completely off, I think my next step will be removal of all the switches, meter assembly, etc. That will make scrubbing of the front panel much easier. I will then make a determination whether or not to simply treat the rusted areas, mask the lettering and respray or a complete sandblast/screen. This will require copying the artwork which I don't have experience with.
In my own opinion, I would rather keep it as original as possible.

However, Your opinions on the next step are valued...
Pics Here:
http://amfone.net/Amforum/index.php?action=dlattach;topic=31443.0;attach=32542;image

http://amfone.net/Amforum/index.php?action=dlattach;topic=31443.0;attach=32544;image

--- In T-368_BC-610@yahoogroups.com, <boatanchor@...> wrote:
>
> Len -
>
>
>
> I went thru a transmitter that was in much worse shape than yours'
> apparently is. I had to completely disassemble mine and strip the CAD
> plating, then re-plate and re-letter each chassis. You may find some of the
> pictures useful from my "BC-610 Transmitter" gallery at:
>
> http://www.longandflatsociety.com/WB6AZPBoatanchors/BoatanchorGalleries/tabi
> d/451/Default.aspx
>
>
>
> The gallery shows both Before and After pictures, but they're not sorted.
>
>
>
> Good luck !
>
>
>
> John WB6AZP
>
>
>
>
>
>

>
> From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On
> Behalf Of n2len
> Sent: Tuesday, May 22, 2012 15:22
> To: T-368_BC-610@yahoogroups.com
> Subject: [T-368_BC-610] BC-610H To Begin Restoration
>
>
>
>
>
> Hello Everyone,
> I just picked up this weekend the beautiful donated gift of a BC-610H from
> Bill Kish.
> Even though I missed Dayton this week, for me this topped any Dayton trip!
> I wanted to query anyone here on the forum who went through the process of
> restoration with any information to share.
> I needed to make 2 trips for complete pickup. Presently the Power Supply
> Deck and the Mod Deck was removed to make transit easier. The transmitter
> needed to be somewhat disassembled to make transit easier down a long flight
> of wooden steps.
> I rented a heavy duty hand truck with straps to move the power supply deck.
> For some reason I thought it was heavier, but 2 people easily removed it out
> the back of my Excursion into the garage and placed on 2X4's.
> Anyway, I only began cleaning out the dust, and wiping down each assembly.
> This beast is quite clean, only a little amount of surface rust on the
> bottom of the cabinet where it meets the Dollie. It was stored in a dry
> environment for many years unused.
>
> All of the tubes were removed and wrapped in newspaper and stored in a box
> since the early 80's. I have 3 tuning units. (2 of which suffered from some
> surface rust on the sides.) I also have 3 Coil units. I haven't unwrapped
> any of the tubes yet and have not inventoried any of the remaining parts in
> that box.
>
> I want to first continue the clean up of dust and dirt.
> I love the fact that everything is so spread out with a ton of room.
> So my first question is:
> Will the front cabinet pull apart enough without complete dissemble?
> I want to continue cleaning the back of front panel.
> Or should I remove the RF deck?
>
> I have been contemplating a complete disassemble, in order to fully wash the
> metal cabinet.
>
> Some far off ideas...
> Can I excite with the VFO from my 101E?
> Whats the best setup for use in the Am window?
>
> Here is another question I have been wanting to ask for sometime. I usually

> use denatured alcohol to clean everything. Anyone have suggestions on how to
> properly clean the glass of a tube without removing the labeling?
> I just have been wiping everything and carefully avoiding the labeling.
>
> Tonight, a rainy evening will be skimming through the Tech manual, becoming
> quarantined with the internals.
>
> Thanks again Mr.Kish, and Bob for passing this information along!
> Len N2LEN
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 5166. Re: [T-368_BC-610] Re: BC-610H To Begin Restoration

Yahoo group: T-368_BC-610
Date: 2012-05-23 17:41:14 UTC
From: rbethman
Topic: 5128  Message: 5166

Len,

Having looked at the two pictures pretty well, I'd say cleaning up the rusted areas, treating them, and a thorough cleaning followed by masking off the markings, you'd do well with a simple over paint job.

The dirtiness inside the front, and the rub marks on the front are typical. Most of us just clean them up pretty well. They haven't been perfect since they first came out.

The exceptions are few. I have the last version to come out of Depot, the T-213.

I'll tell you right now, they did NOT do a silk screening! They actually used stencils!

I know that I don't want to tackle a silkscreen job either.

(I'm going to have to take pictures of the T-213 one of these days. When I do, I'll put them up on my site.)

Bob - N0DGN

On 5/23/2012 1:08 PM, n2len wrote:
>
> After contemplating the removal of the front panel, that was today's
> project. Cleaning behind the front panel would have been quite
> difficult and I want to really inspect all panel connections. Now that
> the panel is completely off, I think my next step will be removal of
> all the switches, meter assembly, etc. That will make scrubbing of the
> front panel much easier. I will then make a determination whether or
> not to simply treat the rusted areas, mask the lettering and respray
> or a complete sandblast/screen. This will require copying the artwork
> which I don't have experience with.
> In my own opinion, I would rather keep it as original as possible.
>
> However, Your opinions on the next step are valued...
> Pics Here:
> http://amfone.net/Amforum/index.php?action=dlattach;topic=31443.0;attach=32542;image
>
> http://amfone.net/Amforum/index.php?action=dlattach;topic=31443.0;attach=32544;image
>
>
>

[Non-text portions of this message have been removed]

# 5167. Re: [T-368_BC-610] Re: BC-610H To Begin Restoration

Yahoo group: T-368_BC-610
Date: 2012-05-23 18:09:30 UTC
From: wa5cab@cs.com
Topic: 5128  Message: 5167

Len,

I once owned three T-213's that were surplused straight out of Depot. One had been an F. The other two were either H's or I's. I no longer recall which ones were done which way, but one looked absolutely brand new (black wrinkle with silk screened lettering). One had been stripped and repainted in black semi-gloss and the lettering looked like it had been done by hand. The third had masking rectangles visible over the lettering and had apparently been simply over-sprayed with a very thin coat of black.

So as far as making yours look like it just came out of depot, you have a lot of latitude. :-)

Robert D.

In a message dated 05/23/2012 12:41:17 PM Central Daylight Time, rbethman@... writes:
> Len,
>
> Having looked at the two pictures pretty well, I'd say cleaning up the
> rusted areas, treating them, and a thorough cleaning followed by masking
> off the markings, you'd do well with a simple over paint job.
>
> The dirtiness inside the front, and the rub marks on the front are
> typical. Most of us just clean them up pretty well. They haven't been
> perfect since they first came out.
>
> The exceptions are few. I have the last version to come out of Depot,
> the T-213.
>
> I'll tell you right now, they did NOT do a silk screening! They
> actually used stencils!
>
> I know that I don't want to tackle a silkscreen job either.
>
> (I'm going to have to take pictures of the T-213 one of these days.
> When I do, I'll put them up on my site.)
>
> Bob - N0DGN
>
> On 5/23/2012 1:08 PM, n2len wrote:
> >
> >After contemplating the removal of the front panel, that was today's
> >project. Cleaning behind the front panel would have been quite
> >difficult and I want to really inspect all panel connections. Now that
> >the panel is completely off, I think my next step will be removal of

> >all the switches, meter assembly, etc. That will make scrubbing of the
> >front panel much easier. I will then make a determination whether or
> >not to simply treat the rusted areas, mask the lettering and respray
> >or a complete sandblast/screen. This will require copying the artwork
> >which I don't have experience with.
> >In my own opinion, I would rather keep it as original as possible.
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> >However, Your opinions on the next step are valued...
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> >
> http://amfone.net/Amforum/index.php?action=dlattach;topic=31443.0;attach=32544;image
> >

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 5168. RE: [T-368_BC-610] RE: Re: Hallicrafters AT-2 Antenna Tuner

Yahoo group: T-368_BC-610
Date: 2012-05-23 20:10:37 UTC
From: GOMEZ, STEVEN B
Topic: 4625  Message: 5168

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Bill Harris
Sent: Wednesday, May 23, 2012 10:57 AM
To: T-368_BC-610@yahoogroups.com; hallicrafters@...
Subject: [T-368_BC-610] RE: Re: Hallicrafters AT-2 Antenna Tuner

I've uploaded pages 12-26 from the manual to the "KE5O's HT-4B" folder.

Pages pertaining to the AT-2 are 13,15,16,24 & 25.

73,

Steve ke5o

Hi Roger:
I would be most appreciative if you would do that for me.I've been searching the iNet for information on this unit andso far it's been NO Joy; other than a 1940's Ad, sent to me by SteveG.
http://groups.yahoo.com/group/T-368_BC-610/photos/album/430669730/pic/472037735/view?picmode=&mode=tn&order=ordinal&start=1&count=20&dir=asc
I'll drag the tuner out from storage and open it up. If it's a dual Pi-network, I could put it to good use.
Later
de Bill-w7kxb
. .To: T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610%40yahoogroups.com>
From: Roger@...<mailto:Roger%40new-gate.co.uk>
Date: Wed, 23 May 2012 15:18:52 +0000
Subject: [T-368_BC-610] Re: Hallicrafters AT-2 Antenna Tuner

Hi Bill,

I have an HT-4 manual, probably pre-WWII, that contains the AT-2 info and photos. It's basically a double pi-network selectable for balanced or single feeders. I'm away for a couple of weeks but would be happy to scan it for you when I get home.

73

Roger/G3VKM

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5169. Re: BC-610H To Begin Restoration

Yahoo group: T-368_BC-610
Date: 2012-05-23 21:27:01 UTC
From: n2len
Topic: 5128  Message: 5169

That's very interesting. So one was new, and some refurbished!

Continuing this afternoon, spent a couple of hours dismantling all the controls from the front face.

The Excitation meter removed easily with no de-soldering. However, the Plate and PA meter wiring will have to be de-soldered to fully remove.

Also the 2 operation lights will need to be de-soldered, and the 2 smaller glass fuse holders.
Each of the 3 large fuse holders wiring can be unscrewed and removed. IN order for the entire wiring harness to be removed, all of the de-soldering listed above will need to be done.

Even though I have many years experience with soldering, I don't feel to keen about re-heating the contacts and undoing the factory wiring, which is probably wrapped well around the contacts. Much heat can cause the contact to free it self internally. So I thought about sniping the cables.

Now that everything is pretty much loose, I am also thinking about leaving everything in tack, taping the light holders, 2 fuse holders, and taping each hole and cleaning/paint etc...that way. But the 2 other meters would have to be removed. So something has to be done to remove them. One looks like it will de-solder easily, the other and all the other parts will require unwrapping the factory wiring at each contact.

Thoughts?

Pics here...

http://amfone.net/Amforum/index.php?action=dlattach;topic=31443.0;attach=32546;image

and here...

http://amfone.net/Amforum/index.php?action=dlattach;topic=31443.0;attach=32548;image

--- In T-368_BC-610@yahoogroups.com, wa5cab@... wrote:
>
> Len,
>
> I once owned three T-213's that were surplused straight out of Depot. One
> had been an F. The other two were either H's or I's. I no longer recall
> which ones were done which way, but one looked absolutely brand new (black
> wrinkle with silk screened lettering). One had been stripped and repainted in
> black semi-gloss and the lettering looked like it had been done by hand.
> The third had masking rectangles visible over the lettering and had apparently
> been simply over-sprayed with a very thin coat of black.
>
> So as far as making yours look like it just came out of depot, you have a

> lot of latitude. :-)
>
> Robert D.
>
> In a message dated 05/23/2012 12:41:17 PM Central Daylight Time,
> rbethman@... writes:
> > Len,
> >
> > Having looked at the two pictures pretty well, I'd say cleaning up the
> > rusted areas, treating them, and a thorough cleaning followed by masking
> > off the markings, you'd do well with a simple over paint job.
> >
> > The dirtiness inside the front, and the rub marks on the front are
> > typical. Most of us just clean them up pretty well. They haven't been
> > perfect since they first came out.
> >
> > The exceptions are few. I have the last version to come out of Depot,
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> > I'll tell you right now, they did NOT do a silk screening! They
> > actually used stencils!
> >
> > I know that I don't want to tackle a silkscreen job either.
> >
> > (I'm going to have to take pictures of the T-213 one of these days.
> > When I do, I'll put them up on my site.)
> >
> > Bob - N0DGN
> >
> > On 5/23/2012 1:08 PM, n2len wrote:
> > >
> > >After contemplating the removal of the front panel, that was today's
> > >project. Cleaning behind the front panel would have been quite
> > >difficult and I want to really inspect all panel connections. Now that
> > >the panel is completely off, I think my next step will be removal of
> > >all the switches, meter assembly, etc. That will make scrubbing of the
> > >front panel much easier. I will then make a determination whether or
> > >not to simply treat the rusted areas, mask the lettering and respray
> > >or a complete sandblast/screen. This will require copying the artwork
> > >which I don't have experience with.
> > >In my own opinion, I would rather keep it as original as possible.
> > >
> > >However, Your opinions on the next step are valued...
> > >Pics Here:
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> > >
> > http://amfone.net/Amforum/index.php?action=dlattach;topic=31443.0;attach=32544;image
> > >

>
> Robert & Susan Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
> [Non-text portions of this message have been removed]
>

# 5170. Re: [T-368_BC-610] Re: BC-610H To Begin Restoration

Yahoo group: T-368_BC-610
Date: 2012-05-23 21:37:41 UTC
From: rbethman
Topic: 5128  Message: 5170

Actually, no. I'm one owner of a T-213. It has the date in 1959 that it was gone through.

The BC-610s that became T-213s ALL went through Depot. They had been completely gone through, and modified to become T-213s.

A bunch of folks don't realize that even into the '70s that these were still in use by Uncle Sam.

One was deployed to Arecibo. Yep! Right at the BIG Radio Telescope.

Bob - N0DGN

On 5/23/2012 5:27 PM, n2len wrote:
> That's very interesting. So one was new, and some refurbished!
>
> Continuing this afternoon, spent a couple of hours dismantling all the
> controls from the front face.
>
> The Excitation meter removed easily with no de-soldering. However, the
> Plate and PA meter wiring will have to be de-soldered to fully remove.
>
> Also the 2 operation lights will need to be de-soldered, and the 2
> smaller glass fuse holders.
> Each of the 3 large fuse holders wiring can be unscrewed and removed.
> IN order for the entire wiring harness to be removed, all of the
> de-soldering listed above will need to be done.
>
> Even though I have many years experience with soldering, I don't feel
> to keen about re-heating the contacts and undoing the factory wiring,
> which is probably wrapped well around the contacts. Much heat can
> cause the contact to free it self internally. So I thought about
> sniping the cables.
>
> Now that everything is pretty much loose, I am also thinking about
> leaving everything in tack, taping the light holders, 2 fuse holders,
> and taping each hole and cleaning/paint etc...that way. But the 2
> other meters would have to be removed. So something has to be done to
> remove them. One looks like it will de-solder easily, the other and
> all the other parts will require unwrapping the factory wiring at each
> contact.
>
> Thoughts?
>
> Pics here...

>
> http://amfone.net/Amforum/index.php?action=dlattach;topic=31443.0;attach=32546;image
>
> and here...
>
> http://amfone.net/Amforum/index.php?action=dlattach;topic=31443.0;attach=32548;image
>
>

[Non-text portions of this message have been removed]

# 5171. Re: [T-368_BC-610] Re: BC-610H To Begin Restoration

Yahoo group: T-368_BC-610
Date: 2012-05-23 21:43:23 UTC
From: wa5cab@cs.com
Topic: 5128  Message: 5171

No, I meant that externally it looked brand new. But it had definitely
been used as one of the round transformers (hallmark of an F) had been replaced
with a square one (actually one out of an E). So it had been repainted.

Back to the project, having come this far, I would desolder. From the rear
view photo, it looks like the switch might go through the filament voltage
meter hole. Worth a try, anyway. One of the wires to the PA current meter
is already loose at the other end. I would disconnect the other wire at the
"other" end as well. That only leaves 8 wires. Just be sure to remove the
lamps and fuses first.

In a message dated 05/23/2012 16:27:08 PM Central Daylight Time,
N2Len@... writes:
> That's very interesting. So one was new, and some refurbished!
>
> Continuing this afternoon, spent a couple of hours dismantling all the
> controls from the front face.
>
> The Excitation meter removed easily with no de-soldering. However, the
> Plate and PA meter wiring will have to be de-soldered to fully remove.
>
> Also the 2 operation lights will need to be de-soldered, and the 2 smaller
> glass fuse holders.
> Each of the 3 large fuse holders wiring can be unscrewed and removed. IN
> order for the entire wiring harness to be removed, all of the de-soldering
> listed above will need to be done.
>
> Even though I have many years experience with soldering, I don't feel to
> keen about re-heating the contacts and undoing the factory wiring, which is
> probably wrapped well around the contacts. Much heat can cause the contact
> to free it self internally. So I thought about sniping the cables.
>
> Now that everything is pretty much loose, I am also thinking about leaving
> everything in tack, taping the light holders, 2 fuse holders, and taping
> each hole and cleaning/paint etc...that way. But the 2 other meters would
> have to be removed. So something has to be done to remove them. One looks
> like it will de-solder easily, the other and all the other parts will require
> unwrapping the factory wiring at each contact.
>
> Thoughts?
>
> Pics here...
>
> http://amfone.net/Amforum/index.php?action=dlattach;topic=31443.0;attach=32
> 546;image

>
> and here...
>
> http://amfone.net/Amforum/index.php?action=dlattach;topic=31443.0;attach=32
> 548;image
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 5172. Re: [T-368_BC-610] RE: Re: Hallicrafters AT-2 Antenna Tuner

Yahoo group: T-368_BC-610
Date: 2012-05-23 23:15:13 UTC
From: Barrie Smith
Topic: 4625  Message: 5172

Or, better yet, sell it to someone who has an HT-4 (Such as me!).

73, Barrie, W7ALW
----- Original Message -----
From: Bill Harris
To: T-368_BC-610@yahoogroups.com ; hallicrafters@...
Sent: Wednesday, May 23, 2012 9:56 AM
Subject: [T-368_BC-610] RE: Re: Hallicrafters AT-2 Antenna Tuner

Hi Roger:
I would be most appreciative if you would do that for me.I've been searching the iNet for information on this unit andso far it's been NO Joy; other than a 1940's Ad, sent to me by SteveG.
http://groups.yahoo.com/group/T-368_BC-610/photos/album/430669730/pic/472037735/view?picmode=&mode=tn&order=ordinal&start=1&count=20&dir=asc
I'll drag the tuner out from storage and open it up. If it's a dual Pi-network, I could put it to good use.
Later
de Bill-w7kxb
. .To: T-368_BC-610@yahoogroups.com
From: Roger@...
Date: Wed, 23 May 2012 15:18:52 +0000
Subject: [T-368_BC-610] Re: Hallicrafters AT-2 Antenna Tuner

Hi Bill,

I have an HT-4 manual, probably pre-WWII, that contains the AT-2 info and photos. It's basically a double pi-network selectable for balanced or single feeders. I'm away for a couple of weeks but would be happy to scan it for you when I get home.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, Bill Harris <w7kxb@...> wrote:

>

>

> Thanks Steve:

> I came by one of these units a while back. I would like to find the manual now.

> Later

>

> de Bill-w7kxb. .----------sent from my HP Pavilion 667501 PC

> To: T-368_BC-610@yahoogroups.com

> From: SGOMEZ@...

> Date: Wed, 23 May 2012 00:10:19 +0000

> Subject: Re: [T-368_BC-610] Early Antenna Tuner

> Bill, look here....
>

> http://groups.yahoo.com/group/T-368_BC-610/photos/album/430669730/pic/472037735/view?picmode=&mode=tn&order=ordinal&start=1&count=20&dir=asc

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5173. Re: BC-610H To Begin Restoration

Yahoo group: T-368_BC-610
Date: 2012-05-24 23:30:25 UTC
From: n2len
Topic: 5128  Message: 5173

The Power Supply deck hasn't been moved. So I decided to clean it right where is sits! The 409 did a great job on the Power Supply Deck. There was slightly more oxidation on it then the Mod Deck. Removing the relay cover exposed "2 Like New Relays"! Not bad for a 50+ old beast!

Pics here

http://amfone.net/Amforum/index.php?action=dlattach;topic=31443.0;attach=32555;image

and here

http://amfone.net/Amforum/index.php?action=dlattach;topic=31443.0;attach=32557;image

--- In T-368_BC-610@yahoogroups.com, wa5cab@... wrote:
>
> No, I meant that externally it looked brand new. But it had definitely
> been used as one of the round transformers (hallmark of an F) had been replaced
> with a square one (actually one out of an E). So it had been repainted.
>
> Back to the project, having come this far, I would desolder. From the rear
> view photo, it looks like the switch might go through the filament voltage
> meter hole. Worth a try, anyway. One of the wires to the PA current meter
> is already loose at the other end. I would disconnect the other wire at the
> "other" end as well. That only leaves 8 wires. Just be sure to remove the
> lamps and fuses first.
>
> In a message dated 05/23/2012 16:27:08 PM Central Daylight Time,
> N2Len@... writes:
> > That's very interesting. So one was new, and some refurbished!
> >
> > Continuing this afternoon, spent a couple of hours dismantling all the
> > controls from the front face.
> >
> > The Excitation meter removed easily with no de-soldering. However, the
> > Plate and PA meter wiring will have to be de-soldered to fully remove.
> >
> > Also the 2 operation lights will need to be de-soldered, and the 2 smaller
> > glass fuse holders.
> > Each of the 3 large fuse holders wiring can be unscrewed and removed. IN
> > order for the entire wiring harness to be removed, all of the de-soldering
> > listed above will need to be done.
> >
> > Even though I have many years experience with soldering, I don't feel to
> > keen about re-heating the contacts and undoing the factory wiring, which is
> > probably wrapped well around the contacts. Much heat can cause the contact
> > to free it self internally. So I thought about sniping the cables.

> >
> > Now that everything is pretty much loose, I am also thinking about leaving
> > everything in tack, taping the light holders, 2 fuse holders, and taping
> > each hole and cleaning/paint etc...that way. But the 2 other meters would
> > have to be removed. So something has to be done to remove them. One looks
> > like it will de-solder easily, the other and all the other parts will require
> > unwrapping the factory wiring at each contact.
> >
> > Thoughts?
> >
> > Pics here...
> >
> > http://amfone.net/Amforum/index.php?action=dlattach;topic=31443.0;attach=32
> > 546;image
> >
> > and here...
> >
> > http://amfone.net/Amforum/index.php?action=dlattach;topic=31443.0;attach=32
> > 548;image
> >
>
> Robert Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
> [Non-text portions of this message have been removed]
>

# 5174. Re: Hallicrafters AT-2 Antenna Tuner

Yahoo group: T-368_BC-610
Date: 2012-05-25 19:18:59 UTC
From: Roger Basford
Topic: 4625  Message: 5174

OK Bill,

The manual I have has the AT-2 looking more like the HT-4, more decorative chrome strips, I think. There should be an antenna c/o relay inside for receiver connection too.

That advert you posted is post-WWII but the top ATU looks similar to the pre-war model. I have another HT-4 manual from the same era with the later model BC-610-I being renumbered as HT-4 and the BC-614 as an HT-5.

Anyway, I should be able to scan the relevant pages for you but it won't be before the first week in June.

73

Roger/G3VKM/MM

--- In T-368_BC-610@yahoogroups.com, Bill Harris <w7kxb@...> wrote:
>
>
>
>
>
> Hi Roger:
> I would be most appreciative if you would do that for me.I've been searching the iNet for information on this unit andso far it's been NO Joy; other than a 1940's Ad, sent to me by SteveG.
> http://groups.yahoo.com/group/T-368_BC-610/photos/album/430669730/pic/472037735/view?picmode=&mode=tn&order=ordinal&start=1&count=20&dir=asc
> I'll drag the tuner out from storage and open it up. If it's a dual Pi-network, I could put it to good use.
> Later
> de Bill-w7kxb
> . .To: T-368_BC-610@yahoogroups.com
> From: Roger@...
> Date: Wed, 23 May 2012 15:18:52 +0000
> Subject: [T-368_BC-610] Re: Hallicrafters AT-2 Antenna Tuner
>
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>
> Hi Bill,
>
>
>
> I have an HT-4 manual, probably pre-WWII, that contains the AT-2 info and photos. It's basically a double pi-network selectable for balanced or single feeders. I'm away for a couple of weeks but would be happy to scan it for you when I get home.
>
>
>
> 73
>
>
>
> Roger/G3VKM
>
>
>
> --- In T-368_BC-610@yahoogroups.com, Bill Harris <w7kxb@> wrote:
>
> >
>
> >
>
> > Thanks Steve:
>
> > I came by one of these units a while back. I would like to find the manual now.
>
> > Later
>
> >
>
> > de Bill-w7kxb. .----------sent from my HP Pavilion 667501 PC
>

> > To: T-368_BC-610@yahoogroups.com
>
> > From: SGOMEZ@
>
> > Date: Wed, 23 May 2012 00:10:19 +0000
>
> > Subject: Re: [T-368_BC-610] Early Antenna Tuner
>
>
> > Bill, look here....
> >
>
> > http://groups.yahoo.com/group/T-368_BC-610/photos/album/430669730/pic/472037735/view?picmode=&mode=tn&order=ordinal&start=1&count=20&dir=asc
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> [Non-text portions of this message have been removed]
>

# 5175. Re: [T-368_BC-610] Re: Hallicrafters AT-2 Antenna Tuner

Yahoo group: T-368_BC-610
Date: 2012-05-25 19:25:02 UTC
From: rbethman
Topic: 4625  Message: 5175

I would imagine the only thing more rare than an AT-2 with all the plug-in inductors, would be the HT-7 Frequency Standard.

This would have served essentially as a VFO for them.

Bob - N0DGN

On 5/25/2012 3:18 PM, Roger Basford wrote:
>
> OK Bill,
>
> The manual I have has the AT-2 looking more like the HT-4, more
> decorative chrome strips, I think. There should be an antenna c/o
> relay inside for receiver connection too.
>
> That advert you posted is post-WWII but the top ATU looks similar to
> the pre-war model. I have another HT-4 manual from the same era with
> the later model BC-610-I being renumbered as HT-4 and the BC-614 as an
> HT-5.
>
> Anyway, I should be able to scan the relevant pages for you but it
> won't be before the first week in June.
>
> 73
>
> Roger/G3VKM/MM__
>

[Non-text portions of this message have been removed]

# 5176. Re: [T-368_BC-610] Early Antenna Tuner

Yahoo group: T-368_BC-610
Date: 2012-05-25 23:17:31 UTC
From: Joe Foley
Topic: 4625  Message: 5176

Ahh, that explains why my cover didn't fit right!

Hmm,..... saw pieces of two of them in the garbage cans at the Rochfest a few years ago,..... not good.

Joe

--- On Tue, 5/22/12, GOMEZ, STEVEN B <SGOMEZ@...> wrote:

From: GOMEZ, STEVEN B <SGOMEZ@...>
Subject: Re: [T-368_BC-610] Early Antenna Tuner
To: "'T-368_BC-610@yahoogroups.com'" <T-368_BC-610@yahoogroups.com>
Date: Tuesday, May 22, 2012, 8:10 PM

Bill, look here....

http://groups.yahoo.com/group/T-368_BC-610/photos/album/430669730/pic/472037735/view?picmode=&mode=tn&order=ordinal&start=1&count=20&dir=asc

---
Sent from my BlackBerry Wireless Handheld

From: Bill Harris [mailto:w7kxb@...m]
Sent: Tuesday, May 22, 2012 06:03 PM
To: T-368_BC-610@yahoogroups.com <t-368_bc-610@yahoogroups.com>
Subject: RE: [T-368_BC-610] Early Antenna Tuner

Don't see you upload Steve.
de Bill-w7kxb. .

To: T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610%40yahoogroups.com>
From: SGOMEZ@...<mailto:SGOMEZ%40entergy.com>
Date: Tue, 22 May 2012 22:33:16 +0000
Subject: RE: [T-368_BC-610] Early Antenna Tuner

I uploaded an advertisement from 1945 for an AT-2 in my BC-610 trivia folder.

73,

Steve ke5o

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5177. FA: Weston 120V AC LINE MONITOR Item 110887188019

Yahoo group: T-368_BC-610
Date: 2012-05-26 21:45:55 UTC
From: Bry Carling
Topic: 5177  Message: 5177

For auction:

WESTON AC LINE VOLTAGE METER 0 - 150V AC in a beautiful case. This is a first class test instrument with a large reflecting galvanometer scale from zero to 150 volts AC. It also has a scale for 0 - 15 V AC and separate terminals on the side for both ranges. Model is 433 / serial number 30418. It includes highly calibrated markings for the internal resistance.

The last calibration was conducted by the U.S. Navy Calibration program and it has the stickers from their standards calibration laboratory in Indianapolis,. Indiana dated October 1962. I checked it against a modern digital meter and it appears to be very accurate.

Dimensions are approx. 6" X 3" X 5-1/2" tall.
The rubber feet are there and in very good condition.. There is no handle.

It will be carefully packed and insured.

Starting price is $25.00 for this beautiful precision instrument.

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=110887188019

Thanks for looking - Bry, AF4K

[Non-text portions of this message have been removed]

# 5182. Re: Hallicrafters AT-2 Antenna Tuner

Yahoo group: T-368_BC-610
Date: 2012-06-05 03:13:01 UTC
From: k6sro
Topic: 4625  Message: 5182

Barrie,

Please send me a few photos of your HT-4 (gregf at pon.net)when you get a chance.

Greg
K6SRO

--- In T-368_BC-610@yahoogroups.com, "Barrie Smith" <barrie@...> wrote:
>
> Or, better yet, sell it to someone who has an HT-4 (Such as me!).
>
> 73, Barrie, W7ALW

# 5183. Re: Early Antenna Tuner/AT-2

Yahoo group: T-368_BC-610
Date: 2012-06-05 09:43:43 UTC
From: Roger Basford
Topic: 4625  Message: 5183

Hi Bill,

As promised, I have uploaded a couple of photos and a schematic of the AT-2 tuner. These are in the Files section of the web site under AT-2.

I've scanned these from "Operating Instructions for the Type EP134 Radio Transmitting Set" Hallicrafters Part No 94-001. There's no date on the book but I'm guessing it is just pre-WWII and appears to be for the HT-4B in commercial applications. The tuning units shown are pre-BC-610 and the transmitter coverage is only 2 to 8 Mc/s.

Hope this helps you,

73

Roger/G3VKM - Norfolk, England

--- In T-368_BC-610@yahoogroups.com, Bill Harris <w7kxb@...> wrote:
>
>
> In the mid to late 30's; Hallicrafters produced a tuner. Nothing like the BC639.It was housed behind a 19 inch wide panel with two tuning knobs. The number "AT-1" comes to mind but, I may have that confused with a Heathkit number. Anyone out there with a better recollection than mine?
> Later
>
> de Bill-w7kxb. .
>
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>
> [Non-text portions of this message have been removed]
>

# 5184. Re: Early Antenna Tuner/AT-2

Yahoo group: T-368_BC-610
Date: 2012-06-05 14:07:02 UTC
From: ke5o_steve
Topic: 4625  Message: 5184

Bill,

Would it be possible to photo and post the rear of your AT-2 as it does not appear to be covered in any documentation from Hallicrafters?
I've never seen one before.

TNX & 73,

Steve ke5o

--- In T-368_BC-610@yahoogroups.com, "Roger Basford" <Roger@...> wrote:
>
> Hi Bill,
>
> As promised, I have uploaded a couple of photos and a schematic of the AT-2 tuner. These are in the Files section of the web site under AT-2.
>
> I've scanned these from "Operating Instructions for the Type EP134 Radio Transmitting Set" Hallicrafters Part No 94-001. There's no date on the book but I'm guessing it is just pre-WWII and appears to be for the HT-4B in commercial applications. The tuning units shown are pre-BC-610 and the transmitter coverage is only 2 to 8 Mc/s.
>
> Hope this helps you,
>
> 73
>
> Roger/G3VKM - Norfolk, England
>
> --- In T-368_BC-610@yahoogroups.com, Bill Harris <w7kxb@> wrote:
> >
> >
> > In the mid to late 30's; Hallicrafters produced a tuner. Nothing like the BC639.It was housed behind a 19 inch wide panel with two tuning knobs. The number "AT-1" comes to mind but, I may have that confused with a Heathkit number. Anyone out there with a better recollection than mine?
> > Later
> >
> > de Bill-w7kxb. .
> >
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> >
> > [Non-text portions of this message have been removed]
> >
>

# 5185. RE: Antenna Tuner/AT-2 Pictures coming soon to your neighborhood.

Yahoo group: T-368_BC-610
Date: 2012-06-05 14:59:50 UTC
From: Bill Harris
Topic: 4625  Message: 5185

G'morning Steve:
I'll see what I can do. I have taken digital pictures of the AT-2 but to locate the cable for uploading them.
Later
de Bill-w7kxb. .
To: T-368_BC-610@yahoogroups.com
From: SGOMEZ@...
Date: Tue, 5 Jun 2012 14:07:02 +0000
Subject: [T-368_BC-610] Re: Early Antenna Tuner/AT-2

Bill,

Would it be possible to photo and post the rear of your AT-2 as it does not appear to be covered in any documentation from Hallicrafters?

I've never seen one before.

TNX & 73,

Steve ke5o

--

[Non-text portions of this message have been removed]

# 5186. FS: 455 kHz crystals etc.

Yahoo group: T-368_BC-610
Date: 2012-06-06 20:02:09 UTC
From: Bry Carling
Topic: 5186  Message: 5186

FOR SALE:

New hc6u crystals and "tall hc6u" = hc13u calibrator crystals.

100 kHz calibrator style = $19.00 each

455 kHz hc6u = reduced to $30.00 each

1000 kHz hc6u = $16.00 each

1700 kHz hc6u = $16.00 each

E-mail me to arrange purchase or use web page at:

http://af4k.com/hc6ucrystals100-1499khz.htm

73 de AF4K - Bry

[Non-text portions of this message have been removed]

# 5187. BC-610 parts at Manassas hamfest Sunday

Yahoo group: T-368_BC-610
Date: 2012-06-07 01:48:51 UTC
From: Thomas Chirhart
Topic: 5187  Message: 5187

I will likely bring a fairly large box of 610 parts and wanted to offer the lot to any member. Plug in coils, one new in original unopened box, some may need restoration, plastic separation, but some are ceramic and in nice shape. About 9 or 10 modules etc. email if interested, looking for $100 for all. Will take to the Manassas fest this Sunday. 73 Tom K4NCG

Sent from my iPhone

# 5188. Re: [T-368_BC-610] BC-610 parts at Manassas hamfest Sunday

Yahoo group: T-368_BC-610
Date: 2012-06-07 04:41:40 UTC
From: Gary Pewitt
Topic: 5187  Message: 5188

You wouldn't happen to have a BC-610 E modulator deck would you? I have
been looking for one for a long time to complete my E model. Thanks
Gary N9ZSV

On 6/6/2012 8:48 PM, Thomas Chirhart wrote:
>
> I will likely bring a fairly large box of 610 parts and wanted to
> offer the lot to any member. Plug in coils, one new in original
> unopened box, some may need restoration, plastic separation, but some
> are ceramic and in nice shape. About 9 or 10 modules etc. email if
> interested, looking for $100 for all. Will take to the Manassas fest
> this Sunday. 73 Tom K4NCG
>
> Sent from my iPhone
>
>

--
Gary Pewitt N9ZSV
1500 French Prairie Rd
Booneville, AR 72927

[Non-text portions of this message have been removed]

# 5189. Re: [T-368_BC-610] BC-610 parts at Manassas hamfest Sunday

Yahoo group: T-368_BC-610
Date: 2012-06-07 09:55:03 UTC
From: Thomas Chirhart
Topic: 5187  Message: 5189

Sorry Gary, that I don't have...but will look around at the hamfest for you
73 Tom

Sent from my iPhone

On Jun 7, 2012, at 12:41 AM, Gary Pewitt <garypewitt@...> wrote:

> You wouldn't happen to have a BC-610 E modulator deck would you? I have
> been looking for one for a long time to complete my E model. Thanks
> Gary N9ZSV
>
> On 6/6/2012 8:48 PM, Thomas Chirhart wrote:
> >
> > I will likely bring a fairly large box of 610 parts and wanted to
> > offer the lot to any member. Plug in coils, one new in original
> > unopened box, some may need restoration, plastic separation, but some
> > are ceramic and in nice shape. About 9 or 10 modules etc. email if
> > interested, looking for $100 for all. Will take to the Manassas fest
> > this Sunday. 73 Tom K4NCG
> >
> > Sent from my iPhone
> >
> >
>
> --
> Gary Pewitt N9ZSV
> 1500 French Prairie Rd
> Booneville, AR 72927
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 5190. hello

Yahoo group: T-368_BC-610
Date: 2012-06-11 18:50:14 UTC
From: w5kgz@yahoo.com
Topic: 1293  Message: 5190

awesome you should check this out wow http://www.finance15sonnews.net/biz/?read=0528666

# 5191. hello

Yahoo group: T-368_BC-610
Date: 2012-06-11 18:51:29 UTC
From: w5kgz@yahoo.com
Topic: 1293  Message: 5191

you should check this thing out http://www.finance15sonnews.net/biz/?news=5720214

# 5192. Re: hello

Yahoo group: T-368_BC-610
Date: 2012-06-12 19:19:45 UTC
From: Roger Basford
Topic: 1293  Message: 5192

Errrr! Thanks but no thanks!

--- In T-368_BC-610@yahoogroups.com, w5kgz@... wrote:
>
>
> awesome you should check this out wow http://www.finance15sonnews.net/biz/?read=0528666
>

# 5193. RE: awesome you should check this out wow

Yahoo group: T-368_BC-610
Date: 2012-06-12 21:53:19 UTC
From: Bill Harris
Topic: 1293  Message: 5193

I would be very suspicious of any link that followed:
"awesome you should check this out wow"
this has been showing up in several reflectors so viewer beware.
Ciao
de Bill-w7kxb . ..

To: T-368_BC-610@yahoogroups.com
From: Roger@...
Date: Tue, 12 Jun 2012 19:19:45 +0000
Subject: [T-368_BC-610] Re: hello

Errrr! Thanks but no thanks!

--- In T-368_BC-610@yahoogroups.com, w5kgz@... wrote:

>

>

> awesome you should check this out wow http://www.finance15sonnews.net/biz/?read=0528666

>

[Non-text portions of this message have been removed]

# 5194. Re: [T-368_BC-610] RE: awesome you should check this out wow

Yahoo group: T-368_BC-610
Date: 2012-06-13 23:17:25 UTC
From: Joe Foley
Topic: 1293  Message: 5194

Yup, it's been deleted from several servers, too, including this one!!!

I'll go do it again,...

Joe

--- On Tue, 6/12/12, Bill Harris <w7kxb@...> wrote:

From: Bill Harris <w7kxb@...>
Subject: [T-368_BC-610] RE: awesome you should check this out wow
To: "T-368_BC-610@yahoogroups.com" <t-368_bc-610@yahoogroups.com>
Date: Tuesday, June 12, 2012, 5:53 PM

I would be very suspicious of any link that followed:
"awesome you should check this out wow"
this has been showing up in several reflectors so viewer beware.
Ciao
de Bill-w7kxb . ..

To: T-368_BC-610@yahoogroups.com
From: Roger@...
Date: Tue, 12 Jun 2012 19:19:45 +0000
Subject: [T-368_BC-610] Re: hello

Errrr! Thanks but no thanks!

--- In T-368_BC-610@yahoogroups.com, w5kgz@... wrote:

>

>

> awesome you should check this out wow http://www.finance15sonnews.net/biz/?read=0528666

>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5195. Re: BC-610H To Begin Restoration

Yahoo group: T-368_BC-610
Date: 2012-06-14 03:50:05 UTC
From: n2len
Topic: 5128  Message: 5195

The restoration is coming along just fine...
Here are some pics and notes...

http://amfone.net/Amforum/index.php?topic=31443.msg246413#msg246413

--- In T-368_BC-610@yahoogroups.com, "n2len" <N2Len@...> wrote:
>
> After contemplating the removal of the front panel, that was today's project. Cleaning behind the front panel would have been quite difficult and I want to really inspect all panel connections. Now that the panel is completely off, I think my next step will be removal of all the switches, meter assembly, etc. That will make scrubbing of the front panel much easier. I will then make a determination whether or not to simply treat the rusted areas, mask the lettering and respray or a complete sandblast/screen. This will require copying the artwork which I don't have experience with.
> In my own opinion, I would rather keep it as original as possible.
>
> However, Your opinions on the next step are valued...
> Pics Here:
> http://amfone.net/Amforum/index.php?action=dlattach;topic=31443.0;attach=32542;image
>
> http://amfone.net/Amforum/index.php?action=dlattach;topic=31443.0;attach=32544;image
>
>
>
>
> --- In T-368_BC-610@yahoogroups.com, <boatanchor@> wrote:
> >
> > Len -
> >
> >
> >
> > I went thru a transmitter that was in much worse shape than yours'
> > apparently is. I had to completely disassemble mine and strip the CAD
> > plating, then re-plate and re-letter each chassis. You may find some of the
> > pictures useful from my "BC-610 Transmitter" gallery at:
> >
> > http://www.longandflatsociety.com/WB6AZPBoatanchors/BoatanchorGalleries/tabi
> > d/451/Default.aspx
> >
> >
> >
> > The gallery shows both Before and After pictures, but they're not sorted.
> >
> >
> >

> > Good luck !
> >
> >
> >
> > John WB6AZP
> >
> >
> >
> >
> >
> >
> >
> > From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On
> > Behalf Of n2len
> > Sent: Tuesday, May 22, 2012 15:22
> > To: T-368_BC-610@yahoogroups.com
> > Subject: [T-368_BC-610] BC-610H To Begin Restoration
> >
> >
> >
> >
> >
> > Hello Everyone,
> > I just picked up this weekend the beautiful donated gift of a BC-610H from
> > Bill Kish.
> > Even though I missed Dayton this week, for me this topped any Dayton trip!
> > I wanted to query anyone here on the forum who went through the process of
> > restoration with any information to share.
> > I needed to make 2 trips for complete pickup. Presently the Power Supply
> > Deck and the Mod Deck was removed to make transit easier. The transmitter
> > needed to be somewhat disassembled to make transit easier down a long flight
> > of wooden steps.
> > I rented a heavy duty hand truck with straps to move the power supply deck.
> > For some reason I thought it was heavier, but 2 people easily removed it out
> > the back of my Excursion into the garage and placed on 2X4's.
> > Anyway, I only began cleaning out the dust, and wiping down each assembly.
> > This beast is quite clean, only a little amount of surface rust on the
> > bottom of the cabinet where it meets the Dollie. It was stored in a dry
> > environment for many years unused.
> >
> > All of the tubes were removed and wrapped in newspaper and stored in a box
> > since the early 80's. I have 3 tuning units. (2 of which suffered from some
> > surface rust on the sides.) I also have 3 Coil units. I haven't unwrapped
> > any of the tubes yet and have not inventoried any of the remaining parts in
> > that box.
> >
> > I want to first continue the clean up of dust and dirt.
> > I love the fact that everything is so spread out with a ton of room.
> > So my first question is:
> > Will the front cabinet pull apart enough without complete dissemble?

> > I want to continue cleaning the back of front panel.
> > Or should I remove the RF deck?
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> > I have been contemplating a complete disassemble, in order to fully wash the
> > metal cabinet.
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> > Some far off ideas...
> > Can I excite with the VFO from my 101E?
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> > Here is another question I have been wanting to ask for sometime. I usually
> > use denatured alcohol to clean everything. Anyone have suggestions on how to
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> > I just have been wiping everything and carefully avoiding the labeling.
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> > Tonight, a rainy evening will be skimming through the Tech manual, becoming
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> > Thanks again Mr.Kish, and Bob for passing this information along!
> > Len N2LEN
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

# 5196. Copy of 610 calibration chart

Yahoo group: T-368_BC-610
Date: 2012-06-17 21:41:59 UTC
From: n2len
Topic: 5196  Message: 5196

Can anyone supply me with a good scanned copy of the calibration chart...

I have the H model but any would do....I want to have a chart to place in the front panel holder...

Thank you

# 5197. chart

Yahoo group: T-368_BC-610
Date: 2012-06-18 08:24:41 UTC
From: Alan Morriss
Topic: 5197  Message: 5197

hello , i have posted a copy of two charts on my scr399 file . you could copy it on to photographic paper and stick them back to back on to card. cheers, alan

[Non-text portions of this message have been removed]

# 5198. Re: chart

Yahoo group: T-368_BC-610
Date: 2012-06-18 13:33:16 UTC
From: n2len
Topic: 5197  Message: 5198

Alan,
Thanks you kindly for the picture....Any possibility of scanning that page into a .pdf and e-mailing direct?

My e-mail address is:
N2LEN@...M

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello , i have posted a copy of two charts on my scr399 file . you could copy it on to photographic paper and stick them back to back on to card. cheers, alan
>
> [Non-text portions of this message have been removed]
>

# 5199. Re: [T-368_BC-610] chart

Yahoo group: T-368_BC-610
Date: 2012-06-18 15:06:07 UTC
From: wa5cab@cs.com
Topic: 5197  Message: 5199

Why not just print them onto card stock to begin with? The charts are all
black and white.

In a message dated 06/18/2012 03:24:50 AM Central Daylight Time,
mohawk@... writes:
> hello , i have posted a copy of two charts on my scr399 file . you could
> copy it on to photographic paper and stick them back to back on to card.
> cheers, alan

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 5200. Some quick questions....Rewiring Help!

Yahoo group: T-368_BC-610
Date: 2012-06-18 17:16:01 UTC
From: n2len
Topic: 5200  Message: 5200

Can anyone help?
By telling me the direct terminal location...

Today I am finishing up the rebuild of the cabinet.

I have Technical Manual TM 11-826 if you can point me to the diagram

I am working with my friend and hoping someone can shed some light on the final wiring...

First there is a white 16" wire with connector on each end. I believe it came from the power supply deck.

There are 3 small white stranded 3" jumpers...
It appears that one goes on TS 15 pins 2&3 for conventional operation.

ON TS-14 (power supply deck) We are using terminals 1-8 goes with the order of the harness. There were 9 wires from that harness the last wire appears to fall near the bleeder resistor. What goes on terminal pin #9?

# 5201. Re: Some quick questions....Rewiring Help!

Yahoo group: T-368_BC-610
Date: 2012-06-18 17:31:16 UTC
From: n2len
Topic: 5200  Message: 5201

Actually looking at the manual the 3 jumpers also feed on TS14

--- In T-368_BC-610@yahoogroups.com, "n2len" <N2Len@...> wrote:
>
> Can anyone help?
> By telling me the direct terminal location...
>
> Today I am finishing up the rebuild of the cabinet.
>
> I have Technical Manual TM 11-826 if you can point me to the diagram
>
> I am working with my friend and hoping someone can shed some light on the final wiring...
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> First there is a white 16" wire with connector on each end. I believe it came from the power supply deck.
>
> There are 3 small white stranded 3" jumpers...
> It appears that one goes on TS 15 pins 2&3 for conventional operation.
>
> ON TS-14 (power supply deck) We are using terminals 1-8 goes with the order of the harness. There were 9 wires from that harness the last wire appears to fall near the bleeder resistor. What goes on terminal pin #9?
>

# 5202. BC-610H Restoration Completed!

Yahoo group: T-368_BC-610
Date: 2012-06-21 03:48:54 UTC
From: n2len
Topic: 5200  Message: 5202

Thanks to all that assisted....

http://amfone.net/Amforum/index.php?topic=31443.msg246789#msg246789

--- In T-368_BC-610@yahoogroups.com, "n2len" <N2Len@...> wrote:
>
> Actually looking at the manual the 3 jumpers also feed on TS14
>
> --- In T-368_BC-610@yahoogroups.com, "n2len" <N2Len@> wrote:
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> > By telling me the direct terminal location...
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> >
>

# 5203. Re: [T-368_BC-610] BC-610H Restoration Completed!

Yahoo group: T-368_BC-610
Date: 2012-06-21 05:00:10 UTC
From: w5kgz@yahoo.com
Topic: 5200  Message: 5203

You have a  problem . The schematics you have are only tipical drawings and can apply toany BC610. I have restorded
several and it turns out to be a headacke because none are wired like the drawings. I always make a drawig of the
terminal strips especially tb 1 and 2 from the rf deck.I wish I could be some help but I can not..  The bvery best of
luck and will be looking forward to hearing ou on the air with the newely restored BC610E
W5kgz
Perry 73s

---
From: n2len <N2Len@aol.com>
To: T-368_BC-610@yahoogroups.com
Sent: Wednesday, June 20, 2012 10:48 PM
Subject: [T-368_BC-610] BC-610H Restoration Completed!

Thanks to all that assisted....

http://amfone.net/Amforum/index.php?topic=31443.msg246789#msg246789

--- In T-368_BC-610@yahoogroups.com, "n2len" <N2Len@...> wrote:
>
> Actually looking at the manual the 3 jumpers also feed on TS14
>
> --- In T-368_BC-610@yahoogroups.com, "n2len" <N2Len@> wrote:
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wiring...
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harness. There were 9 wires from that harness the last wire appears to fall near the
bleeder resistor. What goes on terminal pin #9?
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>

[Non-text portions of this message have been removed]

# 5204. Re: [T-368_BC-610] Re: BC-610H To Begin Restoration

Yahoo group: T-368_BC-610
Date: 2012-06-24 19:02:11 UTC
From: Larry Godek
Topic: 5128  Message: 5204

Back in 47-48 there was an article in CQ mag i think it was that utilized a buffer amp (external) that allowed one to use a BC-221 or LM freqmeter with the 610.  If interested drop me a line at : Telegrapher@... and i'll see if i can find the article for you.

Larry
W0OGH

---
From: n2len <N2Len@...>
To: T-368_BC-610@yahoogroups.com
Sent: Wednesday, June 13, 2012 8:50 PM
Subject: [T-368_BC-610] Re: BC-610H To Begin Restoration

The restoration is coming along just fine...
Here are some pics and notes...

http://amfone.net/Amforum/index.php?topic=31443.msg246413#msg246413

--- In mailto:T-368_BC-610%40yahoogroups.com, "n2len" <N2Len@...> wrote:
>
> After contemplating the removal of the front panel, that was today's project. Cleaning behind the front panel would have been quite difficult and I want to really inspect all panel connections. Now that the panel is completely off, I think my next step will be removal of all the switches, meter assembly, etc. That will make scrubbing of the front panel much easier. I will then make a determination whether or not to simply treat the rusted areas, mask the lettering and respray or a complete sandblast/screen. This will require copying the artwork which I don't have experience with.
> In my own opinion, I would rather keep it as original as possible.
>
> However, Your opinions on the next step are valued...
> Pics Here:
> http://amfone.net/Amforum/index.php?action=dlattach;topic=31443.0;attach=32542;image
>
> http://amfone.net/Amforum/index.php?action=dlattach;topic=31443.0;attach=32544;image
>
>
>
>
> --- In mailto:T-368_BC-610%40yahoogroups.com, <boatanchor@> wrote:
> >
> > Len -
> >
> >
> >
> > I went thru a transmitter that was in much worse shape than yours'
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> > plating, then re-plate and re-letter each chassis. You may find some of the
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> > http://www.longandflatsociety.com/WB6AZPBoatanchors/BoatanchorGalleries/tabi
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> > Good luck !
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> >
> >
> > John WB6AZP
> >
> >
> >
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> >
> > From: mailto:T-368_BC-610%40yahoogroups.com
[mailto:mailto:T-368_BC-610%40yahoogroups.com] On
> > Behalf Of n2len
> > Sent: Tuesday, May 22, 2012 15:22
> > To: mailto:T-368_BC-610%40yahoogroups.com
> > Subject: [T-368_BC-610] BC-610H To Begin Restoration
> >
> >
> >
> >
> >
> > Hello Everyone,
> > I just picked up this weekend the beautiful donated gift of a BC-610H from
> > Bill Kish.
> > Even though I missed Dayton this week, for me this topped any Dayton trip!
> > I wanted to query anyone here on the forum who went through the process of
> > restoration with any information to share.
> > I needed to make 2 trips for complete pickup. Presently the Power Supply
> > Deck and the Mod Deck was removed to make transit easier. The transmitter
> > needed to be somewhat disassembled to make transit easier down a long flight
> > of wooden steps.
> > I rented a heavy duty hand truck with straps to move the power supply deck.
> > For some reason I thought it was heavier, but 2 people easily removed it out
> > the back of my Excursion into the garage and placed on 2X4's.
> > Anyway, I only began cleaning out the dust, and wiping down each assembly.
> > This beast is quite clean, only a little amount of surface rust on the

> > bottom of the cabinet where it meets the Dollie. It was stored in a dry
> > environment for many years unused.
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> > All of the tubes were removed and wrapped in newspaper and stored in a box
> > since the early 80's. I have 3 tuning units. (2 of which suffered from some
> > surface rust on the sides.) I also have 3 Coil units. I haven't unwrapped
> > any of the tubes yet and have not inventoried any of the remaining parts in
> > that box.
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> > I want to first continue the clean up of dust and dirt.
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> > So my first question is:
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> > Or should I remove the RF deck?
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> > metal cabinet.
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> > Some far off ideas...
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> > Tonight, a rainy evening will be skimming through the Tech manual, becoming
> > quarantined with the internals.
> >
> > Thanks again Mr.Kish, and Bob for passing this information along!
> > Len N2LEN
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

[Non-text portions of this message have been removed]

# 5205. Re: [T-368_BC-610] Re: BC-610H To Begin Restoration

Yahoo group: T-368_BC-610
Date: 2012-06-24 20:15:15 UTC
From: mac
Topic: 5128  Message: 5205

There is an article in the 11th Edition of the Radio Handbook (1948)
on a BC-221 based general purpose VFO. Essentially a BC-221 mounted
on a larger chassis with a power supply and a buffer amplifier. The
latter was a three stage affair, two untuned 6AG7s followed by a tuned
6L6 with link output. One hundred-fifty volts regulated on the 6AG7s
and 300 on the 6L6. The article claimed that tuning the 6L6 stage to
the middle of the "3.5 megacycle band" (i.e., 3.75mc) provided
constant output across the band with no further adjustment.

Looks like a bit of overkill to me. Can provide circuit of the buffer
amp on request.

Dennis D. W7QHO
Glendale, CA

**********
On Jun 24, 2012, at 12:02 PM, Larry Godek wrote:

> Back in 47-48 there was an article in CQ mag i think it was that
> utilized a buffer amp (external) that allowed one to use a BC-221 or
> LM freqmeter with the 610. If interested drop me a line at : Telegrapher@...
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> Larry
> W0OGH
>
> _____
> From: n2len <N2Len@...>
> To: T-368_BC-610@yahoogroups.com
> Sent: Wednesday, June 13, 2012 8:50 PM
> Subject: [T-368_BC-610] Re: BC-610H To Begin Restoration
>
>
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> wrote:
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> > > John WB6AZP
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> > > From: mailto:T-368_BC-610%40yahoogroups.com
[mailto:mailto:T-368_BC-610%40yahoogroups.com
> ] On
> > > Behalf Of n2len
> > > Sent: Tuesday, May 22, 2012 15:22
> > > To: mailto:T-368_BC-610%40yahoogroups.com
> > > Subject: [T-368_BC-610] BC-610H To Begin Restoration
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> > > [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

# 5206. Re: [T-368_BC-610] Re: BC-610H To Begin Restoration

Yahoo group: T-368_BC-610
Date: 2012-06-24 20:57:57 UTC
From: wa5cab@cs.com
Topic: 5128  Message: 5206

I built something like that decades ago if anyone is interested in it. I transplanted the BC-221 chassis to a standard 19" rack panel. Today I'm not too proud of the sheet metal work. But I definitely didn't have the machine tools in 1970 that I have today. I don't remember getting the circuit out of the Radio Handbook but I might have.

As I recall, it worked OK with a BC-610-F but mistuning the antenna would put RF into the FSK circuit. I had it in an open rack. Probably putting it into a metal cabinet would fix it but around that time I got transferred to Houston and its been in the garage attic ever since. If anyone is interested, it's available.

In a message dated 06/24/2012 15:20:29 PM Central Daylight Time, w7qho@... writes:
> There is an article in the 11th Edition of the Radio Handbook (1948)
> on a BC-221 based general purpose VFO. Essentially a BC-221 mounted
> on a larger chassis with a power supply and a buffer amplifier. The
> latter was a three stage affair, two untuned 6AG7s followed by a tuned
> 6L6 with link output. One hundred-fifty volts regulated on the 6AG7s
> and 300 on the 6L6. The article claimed that tuning the 6L6 stage to
> the middle of the "3.5 megacycle band" (i.e., 3.75mc) provided
> constant output across the band with no further adjustment.
>
> Looks like a bit of overkill to me. Can provide circuit of the buffer
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>
> Dennis D. W7QHO
> Glendale, CA

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 5207. email

Yahoo group: T-368_BC-610
Date: 2012-06-25 20:03:23 UTC
From: Alan Morriss
Topic: 4948  Message: 5207

Att . Bob Downs . hello bob , i have been emailing you direct , but they do not seem to be getting through as i have heard nothing. could you email me so that i have a proper address, as i must have got it wrong. sorry for the bother , alan G4GEN

[Non-text portions of this message have been removed]

# 5208. Re: [T-368_BC-610] email

Yahoo group: T-368_BC-610
Date: 2012-06-25 20:13:35 UTC
From: Ed Zeranski
Topic: 4948  Message: 5208

You have to say Robert!!

EdZ KG6UTS

From: Alan Morriss
Sent: Monday, June 25, 2012 1:03 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] email

Att . Bob Downs . hello bob , i have been emailing you direct , but they do not seem to be getting through as i have heard nothing. could you email me so that i have a proper address, as i must have got it wrong. sorry for the bother , alan G4GEN

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5209. Command set list?

Yahoo group: T-368_BC-610
Date: 2012-07-01 05:14:28 UTC
From: Bill Harris
Topic: 5209  Message: 5209

Anyone know if there is a list/reflector for Command Sets?73de Bill-w7kxb . .

[Non-text portions of this message have been removed]

# 5210. Re: Command set list?

Yahoo group: T-368_BC-610
Date: 2012-07-01 10:43:56 UTC
From: Roger Basford
Topic: 5209  Message: 5210

Hi Bill,

Try:-

http://groups.yahoo.com/group/ARC-5radio/

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, Bill Harris <w7kxb@...> wrote:
>
>
> Anyone know if there is a list/reflector for Command Sets?73de Bill-w7kxb . .
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 5211. RE: [T-368_BC-610] Command set list?

Yahoo group: T-368_BC-610
Date: 2012-07-01 10:44:39 UTC
From: Meir WF2U
Topic: 5209  Message: 5211

Yes, there is. Go to http://mailman.qth.net/mailman/listinfo/arc5 .

73, Meir WF2U
Landrum, SC

-----Original Message-----
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Bill Harris
Sent: Sunday, July 01, 2012 1:14 AM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] Command set list?

Anyone know if there is a list/reflector for Command Sets?73de Bill-w7kxb .
.

# 5212. RE: [T-368_BC-610] Command set list?

Yahoo group: T-368_BC-610
Date: 2012-07-01 20:19:29 UTC
From: Bill Harris
Topic: 5209  Message: 5212

Tnx Meir. Just what I was looking for.73de Bill-w7kxb . .

To: T-368_BC-610@yahoogroups.com
From: wf2u@...
Date: Sun, 1 Jul 2012 06:44:39 -0400
Subject: RE: [T-368_BC-610] Command set list?

Yes, there is. Go to http://mailman.qth.net/mailman/listinfo/arc5 .

73, Meir WF2U

Landrum, SC

[Non-text portions of this message have been removed]

# 5213. Wanted-BC-610

Yahoo group: T-368_BC-610
Date: 2012-07-03 00:35:13 UTC
From: gschulz62
Topic: 5213  Message: 5213

Hello,

I am new to the group but I have been working on radio restorations for years and have been a licensed amateur for 37 years. I have been loosely looking for a BC-610 for a little while now, but I have cleared up enough projects that I am in serious acquisition mode. I would ideally like to find a good unmolested (but unrestored) early model but I would consider a later one like an I model as well. It would be great to find something with the speech amp and tuner if possible.

Any leads are appreciated.

Many thanks

Gary Schulz
WB9YIR (Near Chicago)

# 5214. Re: [T-368_BC-610] Wanted-BC-610

Yahoo group: T-368_BC-610
Date: 2012-07-03 00:59:25 UTC
From: Chuck Hurley
Topic: 5213  Message: 5214

Gary,

I have a working BC-610I complete with the BC-614 speech amp and BC-939 tuner. Includes all cabling for the speech amp, all tuning units from 1.8 to 18 mhz and all plug-in coils from 1.8 to 18 mhz. The coils have all been repaired/rebuilt. Also included is a muting relay box for the receiver. This is a plug and play unit that is missing nothing

Chuck
K1TLI
508-965-7400
nal Message -----
From: gschulz62
To: T-368_BC-610@yahoogroups.com
Sent: Monday, July 02, 2012 8:35 PM
Subject: [T-368_BC-610] Wanted-BC-610

Hello,

I am new to the group but I have been working on radio restorations for years and have been a licensed amateur for 37 years. I have been loosely looking for a BC-610 for a little while now, but I have cleared up enough projects that I am in serious acquisition mode. I would ideally like to find a good unmolested (but unrestored) early model but I would consider a later one like an I model as well. It would be great to find something with the speech amp and tuner if possible.

Any leads are appreciated.

Many thanks

Gary Schulz
WB9YIR (Near Chicago)

[Non-text portions of this message have been removed]

# 5215. Re: Wanted-BC-610

Yahoo group: T-368_BC-610
Date: 2012-07-03 12:54:53 UTC
From: gschulz62
Topic: 5213  Message: 5215

Chuck,

Thanks, sent you an email....

Gary
WB9YIR

--- In T-368_BC-610@yahoogroups.com, "Chuck Hurley" <scorebrd@...> wrote:
>
> Gary,
>
>
> I have a working BC-610I complete with the BC-614 speech amp and BC-939 tuner. Includes all cabling for the speech amp, all tuning units from 1.8 to 18 mhz and all plug-in coils from 1.8 to 18 mhz. The coils have all been repaired/rebuilt. Also included is a muting relay box for the receiver. This is a plug and play unit that is missing nothing
>
> Chuck
> K1TLI
> 508-965-7400
> nal Message -----
> From: gschulz62
> To: T-368_BC-610@yahoogroups.com
> Sent: Monday, July 02, 2012 8:35 PM
> Subject: [T-368_BC-610] Wanted-BC-610
>
>
>
> Hello,
>
> I am new to the group but I have been working on radio restorations for years and have been a licensed amateur for 37 years. I have been loosely looking for a BC-610 for a little while now, but I have cleared up enough projects that I am in serious acquisition mode. I would ideally like to find a good unmolested (but unrestored) early model but I would consider a later one like an I model as well. It would be great to find something with the speech amp and tuner if possible.
>
> Any leads are appreciated.
>
> Many thanks
>
> Gary Schulz
> WB9YIR (Near Chicago)
>
>
>

>
>
> [Non-text portions of this message have been removed]
>

# 5216. BC610

Yahoo group: T-368_BC-610
Date: 2012-07-03 15:51:43 UTC
From: Alan Morriss
Topic: 4221  Message: 5216

hello guys , well !! i finally did what i should have tried at first . i dug out my dummy load and hooked it up . perfect ! taking the case off the BC939 , all seemed fine , but when i tried turning the loading coil , nothing happened. the inductor did not move. the screws are tight , but there must be a worn groove . as they say round here, now the dog can see the rabbitt. alan G4GEN

[Non-text portions of this message have been removed]

# 5217. Re: [T-368_BC-610] Command set list?

Yahoo group: T-368_BC-610
Date: 2012-07-03 16:01:54 UTC
From: Larry Godek
Topic: 5209  Message: 5217

Sure is.  QTH.NET and they have a list called "ARC-5".  Also one for "Milsurplus".  Select your choisce and subscribe.

Larry
W0OGH

---
From: Bill Harris <w7kxb@...>
To: "T-368_BC-610@yahoogroups.com" <t-368_bc-610@yahoogroups.com>
Sent: Saturday, June 30, 2012 10:14 PM
Subject: [T-368_BC-610] Command set list?

Anyone know if there is a list/reflector for Command Sets?73de Bill-w7kxb . .

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5218. BC610

Yahoo group: T-368_BC-610
Date: 2012-07-03 20:55:15 UTC
From: Alan Morriss
Topic: 4221  Message: 5218

hello again . the trouble with the BC939 was not the slipping drive to the loading coil. i fixed that and it was still the same. it is behaving as though there is a dead short in the 939 . i ran a piece of cardboard between the wheel and inductor of L5 the coupling coil and the short is still there . the band switch was in a neutral position , eliminating everything else.
the only thing left is the coax from the terminals to L5. tomorrow i am going to take the unit out and de solder it from L5.perhaps some time in the last 70 years it has got really hot and melted the insulation allowing the central conductor to touch the outer. has anyone heard of this happening ? alan G4GEN

[Non-text portions of this message have been removed]

# 5219. Re: BC610

Yahoo group: T-368_BC-610
Date: 2012-07-05 13:16:11 UTC
From: Roger Basford
Topic: 4221  Message: 5219

Alan,

If you find you need any special "bits" to fix the '939, I do have the guts of one at home. Be home again around the 31st. If you need a complete one to use in the SCR-399 for shows I could loan you the one I got from you and which is now rebuilt.

73

Roger - G3VKM/MM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello again . the trouble with the BC939 was not the slipping drive to the loading coil. i fixed that and it was still the same. it is behaving as though there is a dead short in the 939 . i ran a piece of cardboard between the wheel and inductor of L5 the coupling coil and the short is still there . the band switch was in a neutral position , eliminating everything else.
> the only thing left is the coax from the terminals to L5. tomorrow i am going to take the unit out and de solder it from L5.perhaps some time in the last 70 years it has got really hot and melted the insulation allowing the central conductor to touch the outer. has anyone heard of this happening ? alan G4GEN
>
> [Non-text portions of this message have been removed]
>

# 5220. BC-610 wanted

Yahoo group: T-368_BC-610
Date: 2012-07-05 17:37:42 UTC
From: gschulz62
Topic: 5220  Message: 5220

Still looking for any leads for purchasing a BC-610. An older model (i.e. E model) would be preferred. I am looking for something unrestored and unmodified.

If anybody knows of anything please let me know.

Thanks

Gary
mail@...

# 5221. Bc030

Yahoo group: T-368_BC-610
Date: 2012-07-05 21:09:36 UTC
From: Alan Morriss
Topic: 5221  Message: 5221

hello guys , could anyone tell me if it would be a good idea to internally ground the output terminal on the BC610 which is connected to the outer of the coax link to the 939 ? it is in effect grounded in the BC939 .alan G4GEN

[Non-text portions of this message have been removed]

# 5222. problem

Yahoo group: T-368_BC-610
Date: 2012-07-01 20:59:51 UTC
From: Alan Morriss
Topic: 4722  Message: 5222

hello guys, i have spent the last couple of days battling with the BC610 . someone wiser than i am must have an idea. in high voltage protect with the correct TU and coil for 3615 , i have loads of PA grid current with it all peaked up. the plate however dips at about 65 on the plate tuning instead of 30 and is very deep and sharp . it drops from 200 ma to about 30 . this rises to 50 in normal . this is on phone.it is higher on cw.
i have checked and double checked all connections around the tuning capacitor and coil, and all is ok .i am using the BC939 and whip antenna.
there is no short across the output and coax when the 939 and coil are disconnected, but continuity is fine all round. bt inspection , i cannot see anything amiss in the 939 .
tomorrow i will trya 50 ohm dummy load .
incidentally i am still after an RA20 power unit for my BC342 in any condition . cheers , alan G4GEN

[Non-text portions of this message have been removed]

# 5223. fuses

Yahoo group: T-368_BC-610
Date: 2012-07-07 18:03:12 UTC
From: Alan Morriss
Topic: 5223  Message: 5223

hello guys , i finally got the BC610 going well . the 939 matches the whip on 40 and 20 no trouble. it will not on 80 . however i encountered another problem. i wqs just starting a qso on 14 megs and there was a flash inside the tx and a fuse blew. i can see nothing burned or wrong anywhere , so have concluded that one of 3B28 s flashed over . are they ok ? i am thinking of going back to the solid state rectifiers . my troubles seemmed to start when i changed to the xenon rectifiers.
the other thing is the fuse . it was my last one. are they still available ? i thought that they might be standard american domestic fuses . alan G4GEN

[Non-text portions of this message have been removed]

# 5224. Re: [T-368_BC-610] fuses

Yahoo group: T-368_BC-610
Date: 2012-07-07 18:17:05 UTC
From: rbethman
Topic: 5223  Message: 5224

Alan,

Those are no longer standard domestic fuses over here.

They "can" be found with a bit of trouble. The US moved away from the threaded in fuse methodology a few decades back.

Also, I'd do a bit more hunting. I've never heard or have seen 3B28s flash over. Look very carefully at the HV wiring for a trace left by an arc.

Bob - N0DGN

On 7/7/2012 2:03 PM, Alan Morriss wrote:
>
> hello guys , i finally got the BC610 going well . the 939 matches the
> whip on 40 and 20 no trouble. it will not on 80 . however i
> encountered another problem. i wqs just starting a qso on 14 megs and
> there was a flash inside the tx and a fuse blew. i can see nothing
> burned or wrong anywhere , so have concluded that one of 3B28 s
> flashed over . are they ok ? i am thinking of going back to the solid
> state rectifiers . my troubles seemmed to start when i changed to the
> xenon rectifiers.
> the other thing is the fuse . it was my last one. are they still
> available ? i thought that they might be standard american domestic
> fuses . alan G4GEN
>

[Non-text portions of this message have been removed]

# 5225. Re: [T-368_BC-610] fuses

Yahoo group: T-368_BC-610
Date: 2012-07-07 18:22:21 UTC
From: bob mccully
Topic: 5223  Message: 5225

Alan, What amperage do you need? A local hardware store has a good supply.  Bob  AB8OP
BC610E

---

[Non-text portions of this message have been removed]

# 5226. fuses

Yahoo group: T-368_BC-610
Date: 2012-07-07 19:02:55 UTC
From: Alan Morriss
Topic: 5223  Message: 5226

hello bob , well , there are 2 25 amp and one 20 . so i would like maybe 4 25s and 3 20s . if you could do that for me , let me know the cost plus postage, and i could send the money via paypal and add on their cut. cheers, alan

[Non-text portions of this message have been removed]

# 5227. Re: [T-368_BC-610] fuses

Yahoo group: T-368_BC-610
Date: 2012-07-07 19:48:05 UTC
From: bob mccully
Topic: 5223  Message: 5227

Alan, The numbers listed??- -  single fuse or box of 5?  Bob  AB8OP

---
From: Alan Morriss <mohawk@clara.co.uk>
To: T-368_BC-610@yahoogroups.com
Sent: Saturday, July 7, 2012 3:02 PM
Subject: [T-368_BC-610] fuses

hello bob , well , there are 2 25 amp and one 20 . so i would like maybe 4 25s and 3 20s . if you could do that for me , let me know the cost plus postage, and i could send the money via paypal and add on their cut. cheers, alan

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5228. fuses

Yahoo group: T-368_BC-610
Date: 2012-07-07 20:09:09 UTC
From: Alan Morriss
Topic: 5223  Message: 5228

hi bob, well it would be great to have two boxes of 5 for 25A and one box of 20A . that would keep me for the rest of my life ! i really appreciate this. cheers, alan

[Non-text portions of this message have been removed]

# 5229. Re: [T-368_BC-610] fuses

Yahoo group: T-368_BC-610
Date: 2012-07-07 21:59:08 UTC
From: bob mccully
Topic: 5223  Message: 5229

Alan, Very good. I will get things moving on Monday.  Take care Bob AB8OP

---
From: Alan Morriss <mohawk@clara.co.uk>
To: T-368_BC-610@yahoogroups.com
Sent: Saturday, July 7, 2012 4:09 PM
Subject: [T-368_BC-610] fuses

hi bob, well it would be great to have two boxes of 5 for 25A and one box of 20A . that would keep me for the rest of my life ! i really appreciate this. cheers, alan

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5230. Re: [T-368_BC-610] fuses

Yahoo group: T-368_BC-610
Date: 2012-07-07 22:31:17 UTC
From: Todd, KA1KAQ
Topic: 5223  Message: 5230

On Sat, Jul 7, 2012 at 4:09 PM, Alan Morriss <mohawk@...> wrote:

> **
>
>
> hi bob, well it would be great to have two boxes of 5 for 25A and one box
> of 20A . that would keep me for the rest of my life ! i really appreciate
> this. cheers, alan
>

You might think so Alan, but unless you use the set maybe once or twice a year, chances are you'll use them up faster than you think. I purchased 75 or so 15A screw in type fuses for a transmitter I have here, maybe 5-6 years back. They are over half gone due to equipment malfunctions from aging components and other failures.

My suggestion would be to stock up when and where you can. Having Bob send you a handful will certainly give you some breathing space, but this is a case where more is better. I do base this on regular use of the equipment.

Watch ebay for large quantities. That's where I got mine for somewhere between 10-25 cents each buying in bulk.

~ Todd, KA1KAQ/4

[Non-text portions of this message have been removed]

# 5231. Re: [T-368_BC-610] fuses

Yahoo group: T-368_BC-610
Date: 2012-07-08 01:38:55 UTC
From: w5kgz@yahoo.com
Topic: 5223  Message: 5231

These fuses are stocked inmost WalMart stores in the Beaumont and other stores in USA
Thought ou ight be interested...

W5KGZ
zperry

---
From: "Todd, KA1KAQ" <ka1kaq@...>
To: T-368_BC-610@yahoogroups.com
Sent: Saturday, July 7, 2012 5:31 PM
Subject: Re: [T-368_BC-610] fuses

On Sat, Jul 7, 2012 at 4:09 PM, Alan Morriss <mailto:mohawk%40clara.co.uk> wrote:

> **
>
>
> hi bob, well it would be great to have two boxes of 5 for 25A and one box
> of 20A . that would keep me for the rest of my life ! i really appreciate
> this. cheers, alan
>

You might think so Alan, but unless you use the set maybe once or twice a
year, chances are you'll use them up faster than you think. I purchased 75
or so 15A screw in type fuses for a transmitter I have here, maybe 5-6
years back. They are over half gone due to equipment malfunctions from
aging components and other failures.

My suggestion would be to stock up when and where you can. Having Bob send
you a handful will certainly give you some breathing space, but this is a
case where more is better. I do base this on regular use of the equipment.

Watch ebay for large quantities. That's where I got mine for somewhere
between 10-25 cents each buying in bulk.

~ Todd, KA1KAQ/4

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5232. Re: [T-368_BC-610] fuses

Yahoo group: T-368_BC-610
Date: 2012-07-08 01:50:07 UTC
From: Todd, KA1KAQ
Topic: 5223  Message: 5232

Actually, I remembered after posting previously that you can buy resettable screw-in type breakers which would be a way to save fuses. Simply remove the breakers and re-install the fuses when the originality police show up for inspection. They don't work for my transmitter as the fuses are just behind the front panel and the breakers are too tall to fit with the panel in place.

~ Todd/KAQ

On Sat, Jul 7, 2012 at 9:38 PM, <w5kgz@...> wrote:

> **
>
>
> These fuses are stocked inmost WalMart stores in the Beaumont and other
> stores in USA
> Thought ou ight be interested...
>
> W5KGZ
> zperry
>
>
> _____
> From: "Todd, KA1KAQ" <ka1kaq@gmail.com>
> To: T-368_BC-610@yahoogroups.com
> Sent: Saturday, July 7, 2012 5:31 PM
> Subject: Re: [T-368_BC-610] fuses
>
>
>
>
> On Sat, Jul 7, 2012 at 4:09 PM, Alan Morriss <mailto:mohawk%40clara.co.uk>
> wrote:
>
> > **
> > >
> > >
> > hi bob, well it would be great to have two boxes of 5 for 25A and one box
> > of 20A . that would keep me for the rest of my life ! i really appreciate
> > this. cheers, alan
> > >
>
> You might think so Alan, but unless you use the set maybe once or twice a
> year, chances are you'll use them up faster than you think. I purchased 75
> or so 15A screw in type fuses for a transmitter I have here, maybe 5-6
> years back. They are over half gone due to equipment malfunctions from

> aging components and other failures.
>
> My suggestion would be to stock up when and where you can. Having Bob send
> you a handful will certainly give you some breathing space, but this is a
> case where more is better. I do base this on regular use of the equipment.
>
> Watch ebay for large quantities. That's where I got mine for somewhere
> between 10-25 cents each buying in bulk.
>
> ~ Todd, KA1KAQ/4
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

# 5233. address

Yahoo group: T-368_BC-610
Date: 2012-07-08 07:51:37 UTC
From: Alan Morriss
Topic: 5233  Message: 5233

hello bob , address as follows: Alan Morriss , Pippingford Park , Millbrook Hill , Nutley , East Sussex, TN22 3HW , UK. thanks a lot for your trouble. i am still baffled , as off load everything was normal , the fault only happened drawing about 200 ma plate current on cw . i cannot see any signs of arcing anywhere and it could not have gone through the normal plate circuit as the trip did not operate. no doubt i will find it in the end. cheers, alan

[Non-text portions of this message have been removed]

# 5234. Re: [T-368_BC-610] address

Yahoo group: T-368_BC-610
Date: 2012-07-08 11:17:25 UTC
From: Mark Foltarz
Topic: 5233  Message: 5234

Alan,

  I am using these in my 610E.

http://www.google.com/#hl=en&sclient=psy-ab&q=mb+edison+base+circuit+breakers&oq=edison+based+circuit+&gs_l=hp.1.1.0i13j0i13i5i30j0i8i13i30.5570.11012.0.13500.21.20.0.1.1.3.2059.11443.2-3j7j3j4j1j1j0j1.20.0...0.0.TnvQNyUzak0&pbx=1&bav=on.2,or.r_gc.r_pw.r_qf.,cf.osb&fp=21c0595ad86507f8&biw=1360&bih=590

No problems so far for as long as I have owned the transmitter.

de KA4JVY

Mark

[Non-text portions of this message have been removed]

# 5235. fuses

Yahoo group: T-368_BC-610
Date: 2012-07-08 13:23:21 UTC
From: Alan Morriss
Topic: 5223  Message: 5235

thanks Todd , a good idea ! alan

[Non-text portions of this message have been removed]

# 5236. Re: fuses

Yahoo group: T-368_BC-610
Date: 2012-07-08 13:56:47 UTC
From: Jan
Topic: 5223  Message: 5236

look in the shelter for the fuses
i put some in the chest
73 Jan

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hi bob, well it would be great to have two boxes of 5 for 25A and one box of 20A . that would keep me for the rest of my life ! i really appreciate this. cheers, alan
>
> [Non-text portions of this message have been removed]
>

# 5237. RE: [T-368_BC-610] Plug Fuse availability.

Yahoo group: T-368_BC-610
Date: 2012-07-08 20:44:31 UTC
From: Bill Harris
Topic: 5233  Message: 5237

Another site for Bussman re-set plug fuses at:http://www.cooperindustries.com/content/public/en/bussmann/electrical/products/supplemental/edison_base_rejectionplugfuse/mb.html Good suggestion. Think I'll convert over.
Cheers
de Bill-w7kxb . .
To: T-368_BC-610@yahoogroups.com
From: Foltarz@...
Date: Sun, 8 Jul 2012 04:17:25 -0700
Subject: Re: [T-368_BC-610] address

Alan,

I am using these in my 610E.

http://www.google.com/#hl=en&sclient=psy-ab&q=mb+edison+base+circuit+breakers&oq=edison+based+circuit+&gs_l=hp.1.1.0i13j0i13i5i30j0i8i13i30.5570.11012.0.13500.21.20.0.1.1.3.2059.11443.2-3j7j3j4j1j1j0j1.20.0...0.0.TnvQNyUzak0&pbx=1&bav=on.2,or.r_gc.r_pw.r_qf.,cf.osb&fp=21c0595ad86507f8&biw=1360&bih=590

No problems so far for as long as I have owned the transmitter.

de KA4JVY

Mark

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5238. BC610

Yahoo group: T-368_BC-610
Date: 2012-07-08 20:55:48 UTC
From: Alan Morriss
Topic: 4221  Message: 5238

well guys , at last ! i had a qso with wales on AM using the whip antenna. the report was 5+9 . it does not give full power on 3615 , as the best plate current i could get was 100 ma . however i bet it will work fine into a 40 ft wire . i found some more fuses where jan said he put them. i still would like a lot more ! all i need now is to get the BC342 going and everything will be fine. cheers, alan G4GEN

[Non-text portions of this message have been removed]

# 5239. Re: [T-368_BC-610] Plug Fuse availability.

Yahoo group: T-368_BC-610
Date: 2012-07-08 20:55:55 UTC
From: rbethman
Topic: 5233  Message: 5239

I blew one once.

I have an "old" Ave Hardware by me. They have both types of screw in fuses.

I bought a box of each size over 10 years ago.

I've never needed any except that one time.

That's for the BC-610 AND the T-213.

Bob - N0DGN

On 7/8/2012 4:44 PM, Bill Harris wrote:
>
>
> Another site for Bussman re-set plug fuses
> at:http://www.cooperindustries.com/content/public/en/bussmann/electrical/products/supplemental/edison_base_rejectionplugfuse/mb.html
> Good suggestion. Think I'll convert over.
> Cheers
> de Bill-w7kxb . .
> To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> From: Foltarz@... <mailto:Foltarz%40rocketmail.com>
> Date: Sun, 8 Jul 2012 04:17:25 -0700
> Subject: Re: [T-368_BC-610] address
>
> Alan,
>
> I am using these in my 610E.
>
> http://www.google.com/#hl=en&sclient=psy-ab&q=mb+edison+base+circuit+breakers&oq=edison+based+circuit+&gs_l=hp.1.1.0i13j0i13i5i30j0i8i13i30.5570.11012.0.13500.21.20.0.1.1.3.2059.11443.2-3j7j3j4j1j1j0j1.20.0...0.0.TnvQNyUzak0&pbx=1&bav=on.2,or.r_gc.r_pw.r_qf.,cf.osb&fp=21c0595ad86507f8&biw=1360&bih=590
>
> No problems so far for as long as I have owned the transmitter.
>
> de KA4JVY
>
> Mark
>

[Non-text portions of this message have been removed]

# 5240. Re: [T-368_BC-610] BC610

Yahoo group: T-368_BC-610
Date: 2012-07-08 20:58:17 UTC
From: rbethman
Topic: 4221  Message: 5240

Alan, with the whip that's real good!

The 40ft wire will do a lot better!

Bob - N0DGN

On 7/8/2012 4:55 PM, Alan Morriss wrote:
>
> well guys , at last ! i had a qso with wales on AM using the whip
> antenna. the report was 5+9 . it does not give full power on 3615 , as
> the best plate current i could get was 100 ma . however i bet it will
> work fine into a 40 ft wire . i found some more fuses where jan said
> he put them. i still would like a lot more ! all i need now is to get
> the BC342 going and everything will be fine. cheers, alan G4GEN
>

[Non-text portions of this message have been removed]

# 5241. fuses

Yahoo group: T-368_BC-610
Date: 2012-07-08 21:15:21 UTC
From: Alan Morriss
Topic: 5223  Message: 5241

hello bob , better hang fire on those fuses , i had a look at the bussman circuit breakers , and maybe i can get 3 of those. i really appreciate your offer . cheers, alan

[Non-text portions of this message have been removed]

# 5242. Re: [T-368_BC-610] fuses

Yahoo group: T-368_BC-610
Date: 2012-07-09 00:26:31 UTC
From: bob mccully
Topic: 5223  Message: 5242

Alan, Very good. Let me know how they work out.  Good luck, Bob AB8OP

---
From: Alan Morriss <mohawk@...>
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, July 8, 2012 5:15 PM
Subject: [T-368_BC-610] fuses

hello bob , better hang fire on those fuses , i had a look at the bussman circuit breakers , and maybe i can get 3 of those. i really appreciate your offer . cheers, alan

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5243. Re: [T-368_BC-610] fuses

Yahoo group: T-368_BC-610
Date: 2012-07-09 23:40:00 UTC
From: Joe Foley
Topic: 5223  Message: 5243

Arcing in the HV wiring may not show any signs, check for cracking in the insulation.

Joe

--- On Sat, 7/7/12, Alan Morriss <mohawk@...> wrote:

From: Alan Morriss <mohawk@...>
Subject: [T-368_BC-610] fuses
To: T-368_BC-610@yahoogroups.com
Date: Saturday, July 7, 2012, 2:03 PM

hello guys , i finally got the BC610 going well . the 939 matches the whip on 40 and 20 no trouble. it will not on 80 . however i encountered another problem. i wqs just starting a qso on 14 megs and there was a flash inside the tx and a fuse blew. i can see nothing burned or wrong anywhere , so have concluded that one of 3B28 s flashed over . are they ok ? i am thinking of going back to the solid state rectifiers . my troubles seemmed to start when i changed to the xenon rectifiers.

the other thing is the fuse . it was my last one. are they still available ? i thought that they might be standard american domestic fuses . alan G4GEN

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5244. 610

Yahoo group: T-368_BC-610
Date: 2012-07-10 11:34:04 UTC
From: Alan Morriss
Topic: 4367  Message: 5244

hello joe , it works perfectly on 3615 , and i was heard in northern ireland yesterday evening, but too weak to read properly . this was on the whip antenna. the trouble only seems to be on 14 megs cw. i reckon it is rf .i have made a better ground with chicken wire attatched to the grounding spike and am getting 4 amps antenna currennt. in view of this i do not think it is faulty insulation. i had a really good look ,but it is so cramped behind the tx in the shelter. alan

[Non-text portions of this message have been removed]

# 5245. Re: problem

Yahoo group: T-368_BC-610
Date: 2012-07-06 06:20:43 UTC
From: Roger Basford
Topic: 4722  Message: 5245

Alan,

Have you checked for continuity through the aerial ammeter in the BC-939? If that is open you will only have the load presented by L5.

73

Roger G3VKM/MM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello guys, i have spent the last couple of days battling with the BC610 . someone wiser than i am must have an idea. in high voltage protect with the correct TU and coil for 3615 , i have loads of PA grid current with it all peaked up. the plate however dips at about 65 on the plate tuning instead of 30 and is very deep and sharp . it drops from 200 ma to about 30 . this rises to 50 in normal . this is on phone.it is higher on cw.
> i have checked and double checked all connections around the tuning capacitor and coil, and all is ok .i am using the BC939 and whip antenna.
> there is no short across the output and coax when the 939 and coil are disconnected, but continuity is fine all round. bt inspection , i cannot see anything amiss in the 939 . tomorrow i will trya 50 ohm dummy load .
> incidentally i am still after an RA20 power unit for my BC342 in any condition . cheers , alan G4GEN
>
> [Non-text portions of this message have been removed]
>

# 5246. Re: problem

Yahoo group: T-368_BC-610
Date: 2012-07-07 10:15:47 UTC
From: Roger Basford
Topic: 4722  Message: 5246

Hi Alan,

Check the aerial ammeter on the BC-939. If that is O/C you won't have any load on the PA, apart from L5, and there will be no connection to any of the other tuning components. Just put a jumper lead across the meter and then see if the tuner loads the PA. If the RF ammeter is duff, then use a field-strength meter and the PA current meter to tune for max output.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello guys, i have spent the last couple of days battling with the BC610 . someone wiser than i am must have an idea. in high voltage protect with the correct TU and coil for 3615 , i have loads of PA grid current with it all peaked up. the plate however dips at about 65 on the plate tuning instead of 30 and is very deep and sharp . it drops from 200 ma to about 30 . this rises to 50 in normal . this is on phone.it is higher on cw.
> i have checked and double checked all connections around the tuning capacitor and coil, and all is ok .i am using the BC939 and whip antenna.
> there is no short across the output and coax when the 939 and coil are disconnected, but continuity is fine all round. bt inspection , i cannot see anything amiss in the 939 . tomorrow i will trya 50 ohm dummy load .
> incidentally i am still after an RA20 power unit for my BC342 in any condition . cheers , alan G4GEN
>
> [Non-text portions of this message have been removed]
>

# 5247. Re: [T-368_BC-610] Re: problem

Yahoo group: T-368_BC-610
Date: 2012-07-10 19:04:30 UTC
From: rbethman
Topic: 4722  Message: 5247

Remember that the RF Ammeter has an internal thermocouple.

Most do not.

This can cause issues if the thermocouple has gone tennies up.

Bob - N0DGN

On 7/6/2012 2:20 AM, Roger Basford wrote:
>
> Alan,
>
> Have you checked for continuity through the aerial ammeter in the
> BC-939? If that is open you will only have the load presented by L5.
>
> 73
>
> Roger G3VKM/MM
>

[Non-text portions of this message have been removed]

# 5248. 610

Yahoo group: T-368_BC-610
Date: 2012-07-10 19:26:30 UTC
From: Alan Morriss
Topic: 4367  Message: 5248

hello guys , the tx is working fine on 80 now . this evening i was 5 and 8 in cardiff working into the whip antenna. yesterday i was heard in northern ireland , but it was too weak for a qso. i have made a decent ground with chicken wire laid out and in contact with the ground spike which is connected directly to the tx. i am loading it to 200 ma which i think is plenty.my problem is on 14 meg cw which causes it to make an arcing noise and blow the fuses . in view of this it is probably rf sommewhere. . it was greatly improved by cleaning the contacts in the 939 , but the grounding made all the difference. cheers , alan G4GEN

[Non-text portions of this message have been removed]

# 5249. Re: [T-368_BC-610] 610

Yahoo group: T-368_BC-610
Date: 2012-07-10 19:37:11 UTC
From: rbethman
Topic: 4367  Message: 5249

Alan,

You could possibly have a bad 14MC coil assembly. I had a coil with a rotating link cause me grief about a decade ago. It turned out to be the rotating link portion.

Bob - N0DGN

On 7/10/2012 3:26 PM, Alan Morriss wrote:
>
> hello guys , the tx is working fine on 80 now . this evening i was 5
> and 8 in cardiff working into the whip antenna. yesterday i was heard
> in northern ireland , but it was too weak for a qso. i have made a
> decent ground with chicken wire laid out and in contact with the
> ground spike which is connected directly to the tx. i am loading it to
> 200 ma which i think is plenty.my problem is on 14 meg cw which causes
> it to make an arcing noise and blow the fuses . in view of this it is
> probably rf sommewhere. . it was greatly improved by cleaning the
> contacts in the 939 , but the grounding made all the difference.
> cheers , alan G4GEN
>

[Non-text portions of this message have been removed]

# 5250. Re: [T-368_BC-610] 610

Yahoo group: T-368_BC-610
Date: 2012-07-10 20:06:32 UTC
From: Alan Morriss
Topic: 4367  Message: 5250

thanks bob. it looked ok , but you never can tell . i will try another. i have several.
cheers, alan
----- Original Message -----
From: rbethman
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, July 10, 2012 8:37 PM
Subject: Re: [T-368_BC-610] 610

Alan,

You could possibly have a bad 14MC coil assembly. I had a coil with a
rotating link cause me grief about a decade ago. It turned out to be
the rotating link portion.

Bob - N0DGN

On 7/10/2012 3:26 PM, Alan Morriss wrote:
>
> hello guys , the tx is working fine on 80 now . this evening i was 5
> and 8 in cardiff working into the whip antenna. yesterday i was heard
> in northern ireland , but it was too weak for a qso. i have made a
> decent ground with chicken wire laid out and in contact with the
> ground spike which is connected directly to the tx. i am loading it to
> 200 ma which i think is plenty.my problem is on 14 meg cw which causes
> it to make an arcing noise and blow the fuses . in view of this it is
> probably rf sommewhere. . it was greatly improved by cleaning the
> contacts in the 939 , but the grounding made all the difference.
> cheers , alan G4GEN
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5251. Re: [T-368_BC-610] BC610

Yahoo group: T-368_BC-610
Date: 2012-07-11 12:47:03 UTC
From: Geoff
Topic: 4221  Message: 5251

On 07/08/2012 03:58 PM, rbethman wrote:
> Alan, with the whip that's real good!
>
> The 40ft wire will do a lot better!
>
> Bob - N0DGN
>
> On 7/8/2012 4:55 PM, Alan Morriss wrote:
>> well guys , at last ! i had a qso with wales on AM using the whip
>> antenna. the report was 5+9 . it does not give full power on 3615

Of course, the signals would be a -lot- better when you use a resonant antenna.
Keeping the thing original is one thing - operating it to it's fullest capability really lets the old beastly-610 'shine' on the air-waves!

73 = Best Regards,
-Geoff/W5OMR

# 5252. Re: [T-368_BC-610] 610

Yahoo group: T-368_BC-610
Date: 2012-07-11 12:52:53 UTC
From: Geoff
Topic: 4367  Message: 5252

On 07/10/2012 02:26 PM, Alan Morriss wrote:
> hello guys , the tx is working fine on 80 now . this evening i was 5 and 8 in cardiff working into the whip antenna. yesterday i was heard in northern ireland , but it was too weak for a qso. i

Allan, try putting up an antenna that's 120' on either side and feed it with either 450 ohm ladder line, or real 600-ohm open wire line and a tuner. I don't believe the BC-939 will accommodate that type of setup - but the signal will certainly be heard much, Much, MUCH farther away!

Under adverse conditions, certainly the old shelter and it's self-contained "mobile" operation is great for maintaining the 'museum' effect of the old WWII/Korean war artifact... but as far as operations on todays ham-bands, that rig SCREAMS for a better antenna system!

-Geoff/W5OMR

# 5253. 610

Yahoo group: T-368_BC-610
Date: 2012-07-11 14:09:00 UTC
From: Alan Morriss
Topic: 4367  Message: 5253

hello geoff , i do have a kilowatt johnson matchbox , and have operated it into a doublet fed by 450 ohm feeder. trouble is that there is so little room in the shelter . last year i operated with a 40 ft wire matched by the 939 . it worked very well , and i got as far as moscow. then my troubles started when the pa rf choke failed. we wlll be at the war and peace show next week which is the largest military vehicle show in the world. as usual we will put up a mast and operate with the 40 ft wire . it should be fun. cheers, alan

[Non-text portions of this message have been removed]

# 5254. TU

Yahoo group: T-368_BC-610
Date: 2012-07-17 07:23:19 UTC
From: Alan Morriss
Topic: 5254  Message: 5254

hello guys , i have a number of unused tuning units type TU52 . they cover 40 . anyone who wants one can have it for the postage.alan G4GEN

[Non-text portions of this message have been removed]

# 5255. TU

Yahoo group: T-368_BC-610
Date: 2012-07-17 17:30:15 UTC
From: Alan Morriss
Topic: 5254  Message: 5255

hello bart, i have looked up the museum address and will post one to you. if you need different frequency bands, you might be able to do a swap . in that case i could send more. alan

[Non-text portions of this message have been removed]

# 5256. TU

Yahoo group: T-368_BC-610
Date: 2012-07-17 20:56:23 UTC
From: Alan Morriss
Topic: 5254  Message: 5256

hello bart , i have a box which could hold a few . let me know how many you want . alan

[Non-text portions of this message have been removed]

# 5257. BC610

Yahoo group: T-368_BC-610
Date: 2012-07-19 19:51:21 UTC
From: Alan Morriss
Topic: 4221  Message: 5257

hello , well , the BC610 is going really well operating from the war and peace show. i think that i have found the trouble on 14 megs. i was using TU52 instead of TU54 . the writing was not clear. however i dare not try it at full power as these are my last fuses. i am expecting circuit breakers any day. however , i have a problem with the TU54 . it works fine on MO , but nothing on xtal.i have looked at it inside carefully , and it seems like new. does anyone know what to do ? alan G4GEN

[Non-text portions of this message have been removed]

# 5258. Re: [T-368_BC-610] BC610

Yahoo group: T-368_BC-610
Date: 2012-07-19 20:18:14 UTC
From: bob mccully
Topic: 4221  Message: 5258

Alan, The sockets that the crystal plugs into can get pushed apart to where contact is poor.  Did you try several crystals? I have had some that were dead.  Good luck, Bob AB8OP

---
From: Alan Morriss <mohawk@...>
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, July 19, 2012 3:51 PM
Subject: [T-368_BC-610] BC610

hello , well , the BC610 is going really well operating from the war and peace show. i think that i have found the trouble on 14 megs. i was using TU52 instead of TU54 . the writing was not clear. however i dare not try it at full power as these are my last fuses. i am expecting circuit breakers any day. however , i have a problem with the TU54 . it works fine on MO , but nothing on xtal.i have looked at it inside carefully , and it seems like new. does anyone know what to do ? alan G4GEN

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5259. xtals

Yahoo group: T-368_BC-610
Date: 2012-07-19 20:45:05 UTC
From: Alan Morriss
Topic: 3827  Message: 5259

yes, i tried ones that were in the other 2 TUs which worked , and they did not in the 54 . the socket seemed ok , and the pins are like new. beats me ! it goes fine on MO but of course gives a terrible signal. it may be the xtal switch and i will check that when we get home. alan

[Non-text portions of this message have been removed]

# 5260. Re: [T-368_BC-610] xtals

Yahoo group: T-368_BC-610
Date: 2012-07-19 21:33:50 UTC
From: bob mccully
Topic: 3827  Message: 5260

Alan, Is it possible the switch between mo and xtal has a bad contact?  Bob  AB8OP

---
From: Alan Morriss <mohawk@...>
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, July 19, 2012 4:45 PM
Subject: [T-368_BC-610] xtals

yes, i tried ones that were in the other 2 TUs which worked , and they did not in the 54 . the socket seemed ok , and the pins are like new. beats me ! it goes fine on MO but of course gives a terrible signal. it may be the xtal switch and i will check that when we get home. alan

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5261. fuses

Yahoo group: T-368_BC-610
Date: 2012-07-27 16:56:03 UTC
From: Alan Morriss
Topic: 5223  Message: 5261

hello guys , the cooper bussmann plug breakers arrived today. they work just fine in the BC610 and look very nice . no more worry about fuses ! alan G4GEN

[Non-text portions of this message have been removed]

# 5262. Re: BC610

Yahoo group: T-368_BC-610
Date: 2012-07-30 13:56:11 UTC
From: Jan
Topic: 4221  Message: 5262

what are you doing with the my bc610?i wil it pick it up the next time (hi)
for the problem with the 14megs
put first the mo on 14200+/_and tune it as good as possible, then put a good xtal 3550 in the tu unit ,when this not workt you must try to clean the tu socket for the xtal and select some times the mo/xtal switch 73
jan PA3HCO

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello , well , the BC610 is going really well operating from the war and peace show. i think that i have found the trouble on 14 megs. i was using TU52 instead of TU54 . the writing was not clear. however i dare not try it at full power as these are my last fuses. i am expecting circuit breakers any day. however , i have a problem with the TU54 . it works fine on MO , but nothing on xtal.i have looked at it inside carefully , and it seems like new. does anyone know what to do ? alan G4GEN
>
> [Non-text portions of this message have been removed]
>

# 5263. BC610

Yahoo group: T-368_BC-610
Date: 2012-07-30 17:20:28 UTC
From: Alan Morriss
Topic: 4221  Message: 5263

hello jan , well , i think that i have found out what i was doing wrong ! i was using TU52 instead of TU54 . the xtal is 3510 . i have now got the breakers , so next time i try., maybe it will be ok. alan

[Non-text portions of this message have been removed]

# 5264. BC610

Yahoo group: T-368_BC-610
Date: 2012-07-31 18:45:12 UTC
From: Alan Morriss
Topic: 4221  Message: 5264

hello guys , well , the BC610 really is firing on all cylinders now.! with the correct tuning coil and TU for 14 megs it did not run away on full power, but the pa current stayed the same once the key was released. i reckoned that it must be neutralisation .i went through the procedure meticulously and got a grid dip of around 3 ma as it said in the manual.
trying it with the antenna coax connected resulted in normal operation . running at just over 200 ma pa current . i had a report of 589 from belgrade using the whip antenna. it has been a long time ! now to get the BC342 going. i have obtained an RA20 with a faulty transformer and will get it rewound. alan G4GEN

[Non-text portions of this message have been removed]

# 5265. Re: [T-368_BC-610] BC610

Yahoo group: T-368_BC-610
Date: 2012-07-31 22:11:52 UTC
From: bob mccully
Topic: 4221  Message: 5265

Alan, OUTSTANDING!!! Bob  AB8OP

---

[Non-text portions of this message have been removed]

# 5266. breakers

Yahoo group: T-368_BC-610
Date: 2012-08-01 08:01:10 UTC
From: Alan Morriss
Topic: 5266  Message: 5266

hello guys , i would thoroughly recommend the cooper bussmann plug breakers . the 20 amp ones are blue , and they look nicer than the original brass or red fuses. besides , you only have to buy them once ! alan G4GEN

[Non-text portions of this message have been removed]

# 5267. xtal

Yahoo group: T-368_BC-610
Date: 2012-08-08 11:02:55 UTC
From: Alan Morriss
Topic: 5267  Message: 5267

hello , does anyone have an FT171 xtal on somewhere between 5050 and 5075 ? i would like to try 30 metres with the BC610 . the trouble with 20 is the amount of activity is so high . alan G4GEN

[Non-text portions of this message have been removed]

# 5268. more

Yahoo group: T-368_BC-610
Date: 2012-08-08 11:05:01 UTC
From: Alan Morriss
Topic: 5147  Message: 5268

just a thought , i still have some TUs left over , so if anyone wants one or more, let me know. i do not want any money . alan

[Non-text portions of this message have been removed]

# 5269. Re: [T-368_BC-610] xtal

Yahoo group: T-368_BC-610
Date: 2012-08-08 14:01:21 UTC
From: Mark Foltarz
Topic: 5267  Message: 5269

Alan,

I have had success grinding a few of the FT171 to custom frequencies. If you cannot find the desired frequency you may want to try grinding it.

de KA4JVY

Mark

>_____
> From: Alan Morriss <mohawk@...>
>To: T-368_BC-610@yahoogroups.com
>Sent: Wednesday, August 8, 2012 7:02 AM
>Subject: [T-368_BC-610] xtal
>
>
>
>hello , does anyone have an FT171 xtal on somewhere between 5050 and 5075 ? i would like to try 30 metres with the BC610 . the trouble with 20 is the amount of activity is so high . alan G4GEN
>
>[Non-text portions of this message have been removed]
>
>
>
>
>

[Non-text portions of this message have been removed]

# 5270. Re: [T-368_BC-610] xtal

Yahoo group: T-368_BC-610
Date: 2012-08-08 14:57:10 UTC
From: rbethman
Topic: 5267  Message: 5270

I know that the US is restrained to 200 W PEP. I couldn't get that low an output if I tried!

Do you have similar limits?

I don't bother with crystals any more. I don't believe I've seen one in that range. I feed an HP-3336B into the crystal jack. I can enter any frequency I desire.

Bob - N0DGN

On 8/8/2012 7:02 AM, Alan Morriss wrote:
>
> hello , does anyone have an FT171 xtal on somewhere between 5050 and
> 5075 ? i would like to try 30 metres with the BC610 . the trouble with
> 20 is the amount of activity is so high . alan G4GEN
>

[Non-text portions of this message have been removed]

# 5271. Re: [T-368_BC-610] xtal

Yahoo group: T-368_BC-610
Date: 2012-08-08 15:09:36 UTC
From: Mark Foltarz
Topic: 5267  Message: 5271

>I know that the US is restrained to 200 W PEP. I couldn't get that low
>an output if I tried!

I have a variac controlling the plate supplies on both the T3 and the 610E.

Allows operation down to well below 50 watts.  Although I have not tried to adjust the modulator bias for linearity in that extreme.

de KA4JVY

Mark

>_____
> From: rbethman <rbethman@...>
>To: T-368_BC-610@yahoogroups.com
>Sent: Wednesday, August 8, 2012 10:57 AM
>Subject: Re: [T-368_BC-610] xtal
>
>
>
>I know that the US is restrained to 200 W PEP. I couldn't get that low
>an output if I tried!
>
>Do you have similar limits?
>
>I don't bother with crystals any more. I don't believe I've seen one in
>that range. I feed an HP-3336B into the crystal jack. I can enter any
>frequency I desire.
>
>Bob - N0DGN
>
>On 8/8/2012 7:02 AM, Alan Morriss wrote:
>>
>> hello , does anyone have an FT171 xtal on somewhere between 5050 and
>> 5075 ? i would like to try 30 metres with the BC610 . the trouble with
>> 20 is the amount of activity is so high . alan G4GEN
>>
>
>[Non-text portions of this message have been removed]
>
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>
>

[Non-text portions of this message have been removed]

# 5272. Re: [T-368_BC-610] xtal

Yahoo group: T-368_BC-610
Date: 2012-08-08 15:16:12 UTC
From: James M. Walker
Topic: 5267  Message: 5272

I run rtty sometimes on 14.085 full fsk no "sweat",
Xtal or the O-39.

Jim WB2FCN

----- Original Message -----
From: "rbethman" <rbethman@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Wednesday, August 08, 2012 10:57 AM
Subject: Re: [T-368_BC-610] xtal

>I know that the US is restrained to 200 W PEP. I couldn't get that low
> an output if I tried!
>
> Do you have similar limits?
>
> I don't bother with crystals any more. I don't believe I've seen one in
> that range. I feed an HP-3336B into the crystal jack. I can enter any
> frequency I desire.
>
> Bob - N0DGN
>
>
> On 8/8/2012 7:02 AM, Alan Morriss wrote:
>>
>> hello , does anyone have an FT171 xtal on somewhere between 5050 and
>> 5075 ? i would like to try 30 metres with the BC610 . the trouble with
>> 20 is the amount of activity is so high . alan G4GEN
>>
>
>
>
> [Non-text portions of this message have been removed]
>
>
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> ------------------------------------
>
> Yahoo! Groups Links
>
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# 5273. xtals

Yahoo group: T-368_BC-610
Date: 2012-08-08 16:16:47 UTC
From: Alan Morriss
Topic: 3827  Message: 5273

there is no room in the HO17 shelter for much in the way of additional gear.besides , i enjoy operating the BC610 in the way it used to be.
we are limited on ERP , so the BC610 into a whip is well within this. someone must have an xtal around that freq band. i could grind one of my existing ones , but they are a long way below. it is not all that hard tto do , just time consuming . cheers, alan

[Non-text portions of this message have been removed]

# 5274. Re: xtal

Yahoo group: T-368_BC-610
Date: 2012-08-09 20:30:24 UTC
From: Roger Basford
Topic: 5267  Message: 5274

There was a BC-610-E modification program done by the British army back in WWII that allowed 6dB and 12dB power reduction to be carried out, along with reduction in the modulator bias and audio input to the BC-614.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, Mark Foltarz <Foltarz@...> wrote:
>
> >I know that the US is restrained to 200 W PEP. I couldn't get that low
> >an output if I tried!
>
> Â  Â Â Â  I have a variac controlling the plate supplies on both the T3 and the 610E.
>
> Allows operation down to well below 50 watts.Â  Although I have not tried to adjust the modulator bias for linearity in that extreme.
>
> de KA4JVY
>
> Mark
>
>
>
>
> >_____
> > From: rbethman <rbethman@...>
> >To: T-368_BC-610@yahoogroups.com
> >Sent: Wednesday, August 8, 2012 10:57 AM
> >Subject: Re: [T-368_BC-610] xtal
> >
> >
> >Â
> >I know that the US is restrained to 200 W PEP. I couldn't get that low
> >an output if I tried!
> >
> >Do you have similar limits?
> >
> >I don't bother with crystals any more. I don't believe I've seen one in
> >that range. I feed an HP-3336B into the crystal jack. I can enter any
> >frequency I desire.
> >
> >Bob - N0DGN
> >
> >On 8/8/2012 7:02 AM, Alan Morriss wrote:
> >>

> >> hello , does anyone have an FT171 xtal on somewhere between 5050 and
> >> 5075 ? i would like to try 30 metres with the BC610 . the trouble with
> >> 20 is the amount of activity is so high . alan G4GEN
> >>
> >
> >[Non-text portions of this message have been removed]
> >
> >
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>

# 5275. Re: [T-368_BC-610] Re: xtal

Yahoo group: T-368_BC-610
Date: 2012-08-09 20:35:59 UTC
From: rbethman
Topic: 5267  Message: 5275

They didn't do that over here, and I'm not going to modify the whole tamale, just to get on one obscure band.

Especially when over here it is USB Only. BC-610 won't do any form of SSB.

I've listened to these obscure bands with weird power, channelization, and power limits.

I just don't find them to be of interest to me.

Others may be so inclined.

Bob - N0DGN

On 8/9/2012 4:30 PM, Roger Basford wrote:
>
> There was a BC-610-E modification program done by the British army
> back in WWII that allowed 6dB and 12dB power reduction to be carried
> out, along with reduction in the modulator bias and audio input to the
> BC-614.
>
> 73
>
> Roger/G3VKM
>

[Non-text portions of this message have been removed]

# 5276. Re: xtal

Yahoo group: T-368_BC-610
Date: 2012-08-10 09:55:54 UTC
From: Jan
Topic: 5267  Message: 5276

why dont you use the 2532.5 xtal x2 then you are in the range for 30Mtr
i think this it is in the bx-34 box?
i am using a dds for 160/80/40/20 Mtr for the freq were i dont have a xtal for .when you are tuning in good on a ssb station they dont now you are in AM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello , does anyone have an FT171 xtal on somewhere between 5050 and 5075 ? i would like to try 30 metres with the BC610 . the trouble with 20 is the amount of activity is so high . alan G4GEN
>
> [Non-text portions of this message have been removed]
>

# 5277. Re: xtal

Yahoo group: T-368_BC-610
Date: 2012-08-10 15:12:28 UTC
From: Roger Basford
Topic: 5267  Message: 5277

10130 kc/s puts him a bit near the data section of 30m, Jan. Better to find a 2500 kc/s and grind it up in frequency a little.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Jan" <wassink@...> wrote:
>
>
>
> why dont you use the 2532.5 xtal x2 then you are in the range for 30Mtr
> i think this it is in the bx-34 box?
> i am using a dds for 160/80/40/20 Mtr for the freq were i dont have a xtal for .when you are tuning in good on a ssb station they dont now you are in AM
>
>
> --- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@> wrote:
> >
> > hello , does anyone have an FT171 xtal on somewhere between 5050 and 5075 ? i would like to try 30 metres with the BC610 . the trouble with 20 is the amount of activity is so high . alan G4GEN
> >
> > [Non-text portions of this message have been removed]
> >
>

# 5278. Re: xtal

Yahoo group: T-368_BC-610
Date: 2012-08-10 15:15:36 UTC
From: Roger Basford
Topic: 5267  Message: 5278

I think Alan is after CW only on 10Mc, as we're only allowed SSB on that band for emergency comms, otherwise its CW and datamodes only. Just a thought anyway as it's a great band for CW and no contests, a real bonus!

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@...> wrote:
>
> They didn't do that over here, and I'm not going to modify the whole
> tamale, just to get on one obscure band.
>
> Especially when over here it is USB Only. BC-610 won't do any form of SSB.
>
> I've listened to these obscure bands with weird power, channelization,
> and power limits.
>
> I just don't find them to be of interest to me.
>
> Others may be so inclined.
>
> Bob - N0DGN
>
> On 8/9/2012 4:30 PM, Roger Basford wrote:
> >
> > There was a BC-610-E modification program done by the British army
> > back in WWII that allowed 6dB and 12dB power reduction to be carried
> > out, along with reduction in the modulator bias and audio input to the
> > BC-614.
> >
> > 73
> >
> > Roger/G3VKM
> >
>
>
>
> [Non-text portions of this message have been removed]
>

# 5279. 10

Yahoo group: T-368_BC-610
Date: 2012-08-10 15:33:16 UTC
From: Alan Morriss
Topic: 5279  Message: 5279

hello , you are quite right roger.i have little interest in ssb . it might be a bit of fun to try it on 20 though. i used to do that a lot with the 53 . they usually remarked on my high resiidual carrier !
i did grind a 5040 one , and mis judged the time so it went up tp 10190 . i rubbed some solder on it to bring it down , and that was that. no more activity .i never realised that you could multiply the frequency by 4 in the BC610 . i suppose i really ought to get a little synthesiser , but the trouble as i see it is that onreceive you would hear it .
cheers, alan

[Non-text portions of this message have been removed]

# 5280. xtal

Yahoo group: T-368_BC-610
Date: 2012-08-10 19:05:02 UTC
From: Alan Morriss
Topic: 5267  Message: 5280

hello , well , i tried the 3532.5 xtal , but it would not work. it goes fine in the MO position . the chart shows xtals in the 5 meg range for 10. i will just have to grind one. does anyone have one anything near and below 5 megs ? cheers, alan

[Non-text portions of this message have been removed]

# 5281. Re: [T-368_BC-610] xtal

Yahoo group: T-368_BC-610
Date: 2012-08-10 19:35:43 UTC
From: rbethman
Topic: 5267  Message: 5281

That "should have worked.

It should have given you output at 10597.5 MC.

Something is out of whack in the tripling stage or the crystal needs opening and cleaning.

However, the FT-171s are known to crack. Age takes its toll.

Bob - N0DGN

On 8/10/2012 3:05 PM, Alan Morriss wrote:
>
> hello , well , i tried the 3532.5 xtal , but it would not work. it
> goes fine in the MO position . the chart shows xtals in the 5 meg
> range for 10. i will just have to grind one. does anyone have one
> anything near and below 5 megs ? cheers, alan
>

[Non-text portions of this message have been removed]

# 5282. xtal

Yahoo group: T-368_BC-610
Date: 2012-08-10 20:02:28 UTC
From: Alan Morriss
Topic: 5267  Message: 5282

hello bob , i make multiplying it by 4 10130 . i tried several ones around that frequency , with the same result.tomorrow i will look inside the TU . maybe it has a poor connection to the xtal like another one did. in that TU the protective compound painted over the solder joints at the base of the socket was a;; over the inside and prevented contact. cheers, alan

[Non-text portions of this message have been removed]

# 5283. Re: [T-368_BC-610] xtal

Yahoo group: T-368_BC-610
Date: 2012-08-10 20:42:09 UTC
From: rbethman
Topic: 5267  Message: 5283

Alan,

These old gals don't do a quadrupling of crystals.

They either do X 1, X2 or X3.

If you are trying X4, it isn't going to work.

Bob - N0DGN

On 8/10/2012 4:02 PM, Alan Morriss wrote:
>
> hello bob , i make multiplying it by 4 10130 . i tried several ones
> around that frequency , with the same result.tomorrow i will look
> inside the TU . maybe it has a poor connection to the xtal like
> another one did. in that TU the protective compound painted over the
> solder joints at the base of the socket was a;; over the inside and
> prevented contact. cheers, alan
>

[Non-text portions of this message have been removed]

# 5284. xtals

Yahoo group: T-368_BC-610
Date: 2012-08-10 20:52:39 UTC
From: Alan Morriss
Topic: 3827  Message: 5284

hello , firstly , i have an xtal checker which i find very handy. it was used in aeronautical radio work. the other thing is bob , that i am using a 3510 xtal on 20 . the frequency comes out at 14040 . the tuning charts specify which frequency xtal should be used . 10 megs says 5,000. i must have a 10X one somewhere which i can grind . i like 30 metres , but no one came back to my CQs using the wobbly MO cheers, alan

[Non-text portions of this message have been removed]

# 5285. Re: [T-368_BC-610] xtals

Yahoo group: T-368_BC-610
Date: 2012-08-10 22:33:12 UTC
From: rbethman@comcast.net
Topic: 3827  Message: 5285

Alan,

I keep forgetting that you are using an "E" model.

I've only used "I" models and T-213s .

They are a bit different.

Bob - N0DGN

----- Original Message -----
From: "Alan Morriss" <mohawk@...>
To: "T-368 BC-610" <T-368_BC-610@yahoogroups.com>
Sent: Friday, August 10, 2012 4:52:39 PM
Subject: [T-368_BC-610] xtals

hello , firstly , i have an xtal checker which i find very handy. it was used in aeronautical radio work. the other thing is bob , that i am using a 3510 xtal on 20 . the frequency comes out at 14040 . the tuning charts specify which frequency xtal should be used . 10 megs says 5,000. i must have a 10X one somewhere which i can grind . i like 30 metres , but no one came back to my CQs using the wobbly MO cheers, alan

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5286. Re: xtals

Yahoo group: T-368_BC-610
Date: 2012-08-11 05:07:27 UTC
From: Roger Basford
Topic: 3827  Message: 5286

Alan,

Why don't you try the Multi-Rock, http://www.s9plus.com/ That seems to be selling well, it's tiny and it's made by a VMARS member.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello , firstly , i have an xtal checker which i find very handy. it was used in aeronautical radio work. the other thing is bob , that i am using a 3510 xtal on 20 . the frequency comes out at 14040 . the tuning charts specify which frequency xtal should be used . 10 megs says 5,000. i must have a 10X one somewhere which i can grind . i like 30 metres , but no one came back to my CQs using the wobbly MO cheers, alan
>
> [Non-text portions of this message have been removed]
>

# 5287. idea

Yahoo group: T-368_BC-610
Date: 2012-08-11 12:35:23 UTC
From: Alan Morriss
Topic: 5287  Message: 5287

hello roger, that sounds a really good idea . i am ordering one right away. assembling it will be quicker than grinding an xtal ! alan

[Non-text portions of this message have been removed]

# 5288. Re: idea

Yahoo group: T-368_BC-610
Date: 2012-08-11 16:38:51 UTC
From: Roger Basford
Topic: 5287  Message: 5288

OK Alan,

Still not got around to setting up my ET-4336 VFO to use with the BC-610, it's in the "to do" pile. Let me know how you get on with the kit.

73

Roger

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello roger, that sounds a really good idea . i am ordering one right away. assembling it will be quicker than grinding an xtal ! alan
>
> [Non-text portions of this message have been removed]
>

# 5289. Re: [T-368_BC-610] idea

Yahoo group: T-368_BC-610
Date: 2012-08-11 17:10:06 UTC
From: rbethman
Topic: 5287  Message: 5289

Alan,

You'll want to set the output to 2V peak to peak.

That is the "magic" number to feed the crystal socket with a synthesizer.

That's what a couple of us are doing with an HP-3336B over here.

You have space restrictions, we are running the beast in our shacks. So
we don't have the space issue.

I got mine for a whopping $80 USD. It was still in calibration.

Bob - N0DGN

On 8/11/2012 8:35 AM, Alan Morriss wrote:
>
> hello roger, that sounds a really good idea . i am ordering one right
> away. assembling it will be quicker than grinding an xtal ! alan
>

[Non-text portions of this message have been removed]

# 5290. xtal

Yahoo group: T-368_BC-610
Date: 2012-08-11 18:53:33 UTC
From: Alan Morriss
Topic: 5267  Message: 5290

hello bob , thanks. i do not think it will be all that trouble to build it. and a little thing like that will not be in the way. alan

[Non-text portions of this message have been removed]

# 5291. RE: [T-368_BC-610] idea using HP3336B

Yahoo group: T-368_BC-610
Date: 2012-08-11 19:19:35 UTC
From: Bill Harris
Topic: 5287  Message: 5291

Hi Bob (N0DGN)
I also have a 3336B and I'm wondering if you made any mods to it?Ciaode Bill-w7kxb

To: T-368_BC-610@yahoogroups.com
From: rbethman@...
Date: Sat, 11 Aug 2012 13:10:06 -0400
Subject: Re: [T-368_BC-610] idea

Alan,

You'll want to set the output to 2V peak to peak.

That is the "magic" number to feed the crystal socket with a synthesizer.

That's what a couple of us are doing with an HP-3336B over here.

Bob - N0DGN

[Non-text portions of this message have been removed]

# 5292. Re: [T-368_BC-610] idea using HP3336B

Yahoo group: T-368_BC-610
Date: 2012-08-11 19:33:10 UTC
From: rbethman
Topic: 5287  Message: 5292

Bill,

Not a single one.

Use the 75 ohm output, the right size WECO connector, and run either
RG-58 or RG-59 to a crystal holder that has been gutted.

The length of three or four foot of coax and 75 ohm output won't even be
noticed.

The idea that some have put out about bringing the 50 ohm from inside
the attenuator to the front are a waste of time and effort.

10 DBM output gives you the 2V peak to peak that the Beast wants into
the tuning unit.

Do you have all the manuals?

Bob - N0DGN
On 8/11/2012 3:19 PM, Bill Harris wrote:
>
>
> Hi Bob (N0DGN)
> I also have a 3336B and I'm wondering if you made any mods to
> it?Ciaode Bill-w7kxb
>
> To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> From: rbethman@... <mailto:rbethman%40comcast.net>
> Date: Sat, 11 Aug 2012 13:10:06 -0400
> Subject: Re: [T-368_BC-610] idea
>
> Alan,
>
> You'll want to set the output to 2V peak to peak.
>
> That is the "magic" number to feed the crystal socket with a synthesizer.
>
> That's what a couple of us are doing with an HP-3336B over here.
>
> Bob - N0DGN
>
>
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 5293. 18

Yahoo group: T-368_BC-610
Date: 2012-08-13 13:51:00 UTC
From: Alan Morriss
Topic: 5293  Message: 5293

hello , has anyone tried the BC610 on 18 megs ? it does pretty well on 14 , so it ought to be ok. alan G4GEN

[Non-text portions of this message have been removed]

# 5294. Re: 18

Yahoo group: T-368_BC-610
Date: 2012-08-13 16:31:11 UTC
From: Roger Basford
Topic: 5293  Message: 5294

Alan,

Mine loads up OK on 18Mc into a dummy load, but that's not the same thing once you connect the set to an antenna!

You'll some rocks around 4.5 Mc, I think?

73

Roger/G3VKM
--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello , has anyone tried the BC610 on 18 megs ? it does pretty well on 14 , so it ought to be ok. alan G4GEN
>
> [Non-text portions of this message have been removed]
>

# 5295. 18

Yahoo group: T-368_BC-610
Date: 2012-08-13 17:19:17 UTC
From: Alan Morriss
Topic: 5293  Message: 5295

well , there is nothing like trying. i will rustle up one between 4517 and 4542 which i feel i have. as far as i know 10x ones fit the 171 socket. alan

[Non-text portions of this message have been removed]

# 5296. Re: 18

Yahoo group: T-368_BC-610
Date: 2012-08-13 18:31:38 UTC
From: Roger Basford
Topic: 5293  Message: 5296

Alan,

Yes, I'm sure we'll all be interested in how you get on, 18 is a good band for DX.

I bought a collection of FT-171 rocks on ebay a while ago, just really to populate that crystal box I got from you. There were a few rocks for the BC-500 radio which were low frequency, I think, anyway they were no use for my BC-669 or BC-610, so I gutted them and mounted a BNC socket, a 10X and 10XAJ combined socket, a FT-241 and an HC6/U socket as well, on the back of several FT-171 cases, so that I can plug them into the TU and get good firm contact. The 10X will fit the FT-171 socket direct, as you say, but early 10X rocks sometimes have very slim pins which don't make good contact with the TU socket.

If you can't find a rock, let me know, I have hundreds and might even have something in the right area ;-)). A number of my rocks for 80m are those little (?HC-43?) type I bought from Bryn/AF4K. Despite being tiny, they work well in my Beast, inside an FT-171 box. Also have a load of HC6/U on the low end of 80m CW, all ex-Pye Westminster and milspec.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> well , there is nothing like trying. i will rustle up one between 4517 and 4542 which i feel i have. as far as i know 10x ones fit the 171 socket. alan
>
> [Non-text portions of this message have been removed]
>

# 5297. 18

Yahoo group: T-368_BC-610
Date: 2012-08-13 19:14:31 UTC
From: Alan Morriss
Topic: 5293  Message: 5297

well , it looks as if i may have started something ! a good idea larry . when i fially get either the multi rock or an xtal i will try and fix something up. cheers, alan

[Non-text portions of this message have been removed]

# 5298. dds with bc610

Yahoo group: T-368_BC-610
Date: 2012-08-13 20:35:00 UTC
From: Jan
Topic: 5298  Message: 5298

hello
i am using already for two years a dds on 80 and 40Mtrs with no problems
i have one tu unit mod for 80 and one for 40 with a bnc plug and my external dds has also a bnc (see the photos on the photo`s site dds)
for 80 it is the right freq and for 40 you dubbel the freq (the same as a xtal)
73 pa3hco

# 5299. Re: [T-368_BC-610] dds with bc610

Yahoo group: T-368_BC-610
Date: 2012-08-13 20:56:15 UTC
From: rbethman
Topic: 5298  Message: 5299

Jan,

The problem with Alan's setup is that his is the entire communications shelter as left in Europe after WW2. So he doesn't have much space at all inside.

WB2FCN and myself both have HP-3336Bs. But we are loke most of the BC-610 folks. We don't have the whole shelter full of gear.

Bob - N0DGN

On 8/13/2012 4:35 PM, Jan wrote:
>
> hello
> i am using already for two years a dds on 80 and 40Mtrs with no problems
> i have one tu unit mod for 80 and one for 40 with a bnc plug and my
> external dds has also a bnc (see the photos on the photo`s site dds)
> for 80 it is the right freq and for 40 you dubbel the freq (the same
> as a xtal)
> 73 pa3hco
>

[Non-text portions of this message have been removed]

# 5300. Re: dds with bc610

Yahoo group: T-368_BC-610
Date: 2012-08-14 10:34:30 UTC
From: Jan
Topic: 5298  Message: 5300

the schelter from Alan is my old schelter(hi) and now i work with a scr499
the dds is on the bc312 in the chest no problem

--- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@...> wrote:
>
> Jan,
>
> The problem with Alan's setup is that his is the entire communications
> shelter as left in Europe after WW2. So he doesn't have much space at
> all inside.
>
> WB2FCN and myself both have HP-3336Bs. But we are loke most of the
> BC-610 folks. We don't have the whole shelter full of gear.
>
> Bob - N0DGN
>
> On 8/13/2012 4:35 PM, Jan wrote:
> >
> > hello
> > i am using already for two years a dds on 80 and 40Mtrs with no problems
> > i have one tu unit mod for 80 and one for 40 with a bnc plug and my
> > external dds has also a bnc (see the photos on the photo`s site dds)
> > for 80 it is the right freq and for 40 you dubbel the freq (the same
> > as a xtal)
> > 73 pa3hco
> >
>
>
>
> [Non-text portions of this message have been removed]
>

# 5301. Re: dds with bc610

Yahoo group: T-368_BC-610
Date: 2012-08-14 20:08:17 UTC
From: Jan
Topic: 5298  Message: 5301

i have now 2 new photos from my dds in the (shelter)/scr499
pa3hco

--- In T-368_BC-610@yahoogroups.com, "Jan" <wassink@...> wrote:
>
>
>
> the schelter from Alan is my old schelter(hi) and now i work with a scr499
> the dds is on the bc312 in the chest no problem
>
> --- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@> wrote:
> >
> > Jan,
> >
> > The problem with Alan's setup is that his is the entire communications
> > shelter as left in Europe after WW2. So he doesn't have much space at
> > all inside.
> >
> > WB2FCN and myself both have HP-3336Bs. But we are loke most of the
> > BC-610 folks. We don't have the whole shelter full of gear.
> >
> > Bob - N0DGN
> >
> > On 8/13/2012 4:35 PM, Jan wrote:
> > >
> > > hello
> > > i am using already for two years a dds on 80 and 40Mtrs with no problems
> > > i have one tu unit mod for 80 and one for 40 with a bnc plug and my
> > > external dds has also a bnc (see the photos on the photo`s site dds)
> > > for 80 it is the right freq and for 40 you dubbel the freq (the same
> > > as a xtal)
> > > 73 pa3hco
> > >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

# 5302. Re: [T-368_BC-610] Re: 18

Yahoo group: T-368_BC-610
Date: 2012-08-20 15:05:10 UTC
From: Ed Zeranski
Topic: 5293  Message: 5302

From: Roger Basford
Sent: Monday, August 13, 2012 11:31 AM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] Re: 18

Alan,
Yes, I'm sure we'll all be interested in how you get on, 18 is a good band for DX.
.....
73
Roger/G3VKM
It’s a great band for just rag chewing too, not crowded. Will listen for Beastly 610s.
EdZ KG6UTS

[Non-text portions of this message have been removed]

# 5303. Re: [T-368_BC-610] Re: 18

Yahoo group: T-368_BC-610
Date: 2012-08-20 16:17:37 UTC
From: rbethman
Topic: 5293  Message: 5303

The only question is whether the Tuning Unit can get above 18Mc.

The PA coil is also designed to go "up to" 18 MC.

The only thing left is to put up an antenna to resonate there.

Bob - N0DGN

On 8/20/2012 11:05 AM, Ed Zeranski wrote:
>
>
>
> From: Roger Basford
> Sent: Monday, August 13, 2012 11:31 AM
> To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> Subject: [T-368_BC-610] Re: 18
>
> Alan,
> Yes, I'm sure we'll all be interested in how you get on, 18 is a good
> band for DX. ..............
> 73
> Roger/G3VKM
> It's a great band for just rag chewing too, not crowded. Will listen
> for Beastly 610s.
> EdZ KG6UTS
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 5304. Re: [T-368_BC-610] Re: 18 ADDENDUM

Yahoo group: T-368_BC-610
Date: 2012-08-20 16:45:25 UTC
From: rbethman
Topic: 5293  Message: 5304

The only question is whether the Tuning Unit can get above 18Mc.

*This perhaps can be made to work with the TU-54 by adding a fairly small disc ceramic capacitor in *series* with the air variables.*

I've used fairly small disc ceramic capacitors in parallel with the 2.0 to 2.5 TU to get it to go down as low as 1.6+ MC.

The PA coil is also designed to go "up to" 18 MC.

*If this coil could be "shortened" just a tad, about 1/4 turn, it may make it.*

This PA coil is for 14MC to 18MC. (perhaps 1/4 turn more or 1/4 turn less. It would take some experimentation. Also depends on whether the link is fixed or if its adjustable. Adjustable would be preferable for experimenting.)

The only thing left is to put up an antenna to resonate there.

Bob - N0DGN

# 5305. 18

Yahoo group: T-368_BC-610
Date: 2012-08-20 18:08:29 UTC
From: Alan Morriss
Topic: 5293  Message: 5305

hello , well , the band starts at 18068 which is not a lot above 18 . i would not mind betting that it will do it. i have the kit for the multi rock now , and hope to get round to puting it together fairly soon. in the meantime , i will keep looking for an xtal . one thing the whip antenna should work well as a radiator up there. cheers, alan

[Non-text portions of this message have been removed]

# 5306. Re: [T-368_BC-610] 18

Yahoo group: T-368_BC-610
Date: 2012-08-20 18:16:06 UTC
From: rbethman
Topic: 5293  Message: 5306

We are restricted to CW from 18.068 to 18.110. Then we can run phone
from 18.110 to 18.168.

Doesn't seem worth trying to even put up an antenna for the 58KC of
phone bandwidth.

Just my $0.02 worth.

Bob - N0DGN

On 8/20/2012 2:08 PM, Alan Morriss wrote:
>
> hello , well , the band starts at 18068 which is not a lot above 18 .
> i would not mind betting that it will do it. i have the kit for the
> multi rock now , and hope to get round to puting it together fairly
> soon. in the meantime , i will keep looking for an xtal . one thing
> the whip antenna should work well as a radiator up there. cheers, alan
>
>
>

[Non-text portions of this message have been removed]

# 5307. 18

Yahoo group: T-368_BC-610
Date: 2012-08-20 18:22:05 UTC
From: Alan Morriss
Topic: 5293  Message: 5307

hello again , well , i hardly ever use SSB , but sometimes i do on 18 . i far prefer CW . i would say that there is no am on 18 . however , once the multi rock is up and running, it might be a bit of fun netting the BC610 on to someone calling cq and see. i used to do this on 20 with my W/S53 and got good reports except for the high "residual carrier" ! alan

[Non-text portions of this message have been removed]

# 5308. Re: [T-368_BC-610] 18

Yahoo group: T-368_BC-610
Date: 2012-08-20 18:22:42 UTC
From: Geoff
Topic: 5293  Message: 5308

Check the rules but I think, like 28.3-28.5 that its USB only.
I can't verify this while on my phone, on the road.

rbethman <rbethman@comcast.net> wrote:

>We are restricted to CW from 18.068 to 18.110. Then we can run phone
>from 18.110 to 18.168.
>
>Doesn't seem worth trying to even put up an antenna for the 58KC of
>phone bandwidth.
>
>Just my $0.02 worth.
>
>Bob - N0DGN
>
>On 8/20/2012 2:08 PM, Alan Morriss wrote:
>>
>> hello , well , the band starts at 18068 which is not a lot above 18 .
>> i would not mind betting that it will do it. i have the kit for the
>> multi rock now , and hope to get round to puting it together fairly
>> soon. in the meantime , i will keep looking for an xtal . one thing
>> the whip antenna should work well as a radiator up there. cheers, alan
>>
>>
>>
>
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>[Non-text portions of this message have been removed]
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>Yahoo! Groups Links
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# 5309. Re: 18

Yahoo group: T-368_BC-610
Date: 2012-08-20 18:35:27 UTC
From: Roger Basford
Topic: 5293  Message: 5309

Hi Geoff,

That's the disadvantage of having a band plan enshrined in your licence conditions. Our band plans are advisory but not compulsory. Having said that, I doubt I would use AM on either 18 or 28 MHz, unless I wanted to QSO lots of Russian taxis!

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, Geoff <w5omr@...> wrote:
>
> Check the rules but I think, like 28.3-28.5 that its USB only.
> I can't verify this while on my phone, on the road.
>
>
> rbethman <rbethman@...> wrote:
>
> >We are restricted to CW from 18.068 to 18.110. Then we can run phone
> >from 18.110 to 18.168.
> >
> >Doesn't seem worth trying to even put up an antenna for the 58KC of
> >phone bandwidth.
> >
> >Just my $0.02 worth.
> >
> >Bob - N0DGN
> >
> >On 8/20/2012 2:08 PM, Alan Morriss wrote:
> >>
> >> hello , well , the band starts at 18068 which is not a lot above 18 .
> >> i would not mind betting that it will do it. i have the kit for the
> >> multi rock now , and hope to get round to puting it together fairly
> >> soon. in the meantime , i will keep looking for an xtal . one thing
> >> the whip antenna should work well as a radiator up there. cheers, alan
> >>
> >>
> >>
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> >
> >
> >[Non-text portions of this message have been removed]
> >
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> >
> >Yahoo! Groups Links
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>

# 5310. Re: [T-368_BC-610] 18

Yahoo group: T-368_BC-610
Date: 2012-08-20 18:37:06 UTC
From: rbethman
Topic: 5293  Message: 5310

No sir. The 18.110 through 18.168 is simply phone and image.

Turn a BC-610 loose and talk if you want to put up an antenna for it.

No "funky" restrictions.

Bob - N0DGN

On 8/20/2012 2:22 PM, Geoff wrote:
>
> Check the rules but I think, like 28.3-28.5 that its USB only.
> I can't verify this while on my phone, on the road.
>
> rbethman <rbethman@... <mailto:rbethman%40comcast.net>> wrote:
>
> >We are restricted to CW from 18.068 to 18.110. Then we can run phone
> >from 18.110 to 18.168.
> >
> >Doesn't seem worth trying to even put up an antenna for the 58KC of
> >phone bandwidth.
> >
> >Just my $0.02 worth.
> >
> >Bob - N0DGN
>

[Non-text portions of this message have been removed]

# 5311. 18

Yahoo group: T-368_BC-610
Date: 2012-08-20 18:39:57 UTC
From: Alan Morriss
Topic: 5293  Message: 5311

well , i will stick to morse ! i find it more fun than SSB , and you are not stepping on anyone's toes as you would by trying AM on a small width band like 18. cheers, alan

[Non-text portions of this message have been removed]

# 5312. Re: [T-368_BC-610] Re: 18

Yahoo group: T-368_BC-610
Date: 2012-08-20 18:49:38 UTC
From: (no author)
Topic: 5312  Message: 5312

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# 5313. Re: [T-368_BC-610] 18

Yahoo group: T-368_BC-610
Date: 2012-08-20 18:50:41 UTC
From: (no author)
Topic: 5313  Message: 5313

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❖LL□ □ ❖❖Y❖□ N

# 5314. 29

Yahoo group: T-368_BC-610
Date: 2012-08-21 08:41:38 UTC
From: Alan Morriss
Topic: 5314  Message: 5314

hello larry , two things, the BC342 abd 312 do not go much above 18 megs, and also i am told that when people have tried the BC610 up there it was a bit of a disaster. in the shelter there is so much RF flying around . i have never had any luck on 29 megs with my harris RF3200 , but am hoping things will improve with the sunspot cycle. cheers, alan

[Non-text portions of this message have been removed]

# 5315. Re: [T-368_BC-610] 29

Yahoo group: T-368_BC-610
Date: 2012-08-21 16:27:55 UTC
From: rbethman
Topic: 5314  Message: 5315

Alan - Here is the info on the Beast going on 10 meters.

It comes from WB2FCN.

Bob,
It will go to 10 meters, however you need to make a 10 meter coil and output coupling coil, (usually on one coil mounting bracket), and adjust/readjust the neutralizing cap for operation there. The coil MUST be heavy duty, about .25 inch diameter copper tubing, which means it just needs to be formed properly, but doesn't need plastic support bars to hold the turns spacing.
The 18 MHZ, tuning unit would need to be modified also, a grid dip oscillator would help to get in the right neighborhood. I made one for a guy in down state NY a Ham, he wanted to blast the CBers that were wiping out his TV, he lived in a rural area, and the clowns were running illegal high power radios. So he bought a BC-610 and had it sitting on a ground mounted vertical antenna, in standby, when the 'Good Ole Boys' came on wiping out the local TVs he would key the thing up and 'Querm' them until they went away.
Be real careful with 10 meter operation of the 610, there is a good chance for everything becoming 'RF Hot' metallic surfaces with zap people and animals just like a small lightning strike, but it is RF burns and takes a bit of time to heal.
If I remember correctly, the plate portion of the coil was 3 turns each side of center, and the output side was 2 turns. The spacing was .75 inch.
Jim

On 8/21/2012 4:41 AM, Alan Morriss wrote:
>
> hello larry , two things, the BC342 abd 312 do not go much above 18
> megs, and also i am told that when people have tried the BC610 up
> there it was a bit of a disaster. in the shelter there is so much RF
> flying around . i have never had any luck on 29 megs with my harris
> RF3200 , but am hoping things will improve with the sunspot cycle.
> cheers, alan
>

[Non-text portions of this message have been removed]

# 5316. 10

Yahoo group: T-368_BC-610
Date: 2012-08-21 17:51:46 UTC
From: Alan Morriss
Topic: 5279  Message: 5316

thanks bob, it all sounds a lot of fun , but i am hard pressed to keep all the stuff i have going. maybe i might have a try in the winter. first i must assemble the multi rock kit , and then do the same for my ARC5 stuff .every time i pass it i feel guilty ! cheers, alan

[Non-text portions of this message have been removed]

# 5317. T-368 support frame

Yahoo group: T-368_BC-610
Date: 2012-08-21 23:39:09 UTC
From: Ron.K3PID
Topic: 5223  Message: 5317

I am trying to get stuff together to repaint my T-3 and I would like to finish it off with the complete rolling frame undercarriage. I asked this question a while back and someone sent me some pictures but alas that was several PC's and email accounts ago. I would greatly appreciate it if someone had a few pictures of the undercarriage and perhaps some dimensions. Perhaps a link to an on-line source? An official drawing would be super!!! All help will be appreciated!

73
K3PID Ron H.

# 5318. RE: [T-368_BC-610] T-368 support frame

Yahoo group: T-368_BC-610
Date: 2012-08-22 12:05:31 UTC
From: Trevor
Topic: 5223  Message: 5318

My T-368E has the support frame (they seem to have often lost these along the way)

In OE configuration, it was not for purposes of rolling; it was to bolt it down and to have a
series (I think a total of 8) honkin' big shockmounts between that mount frame and the body of
the TX. You'd spend a fortune to actually get the number/size of shockmounts involved, unless
you bumbled across some used ones.

It does represent a very stable thing to put casters on. I drilled mine and did that, though
now I realize that maybe I should/ could have found a no-drill option; I suppose the holes
could be filled.

It would be hard for me to take complete photos as the TX is on it and would be a beast to get
off it, but I could take some photos, and could take some moderately detailed measurements,
from which you could probably create a "passable faux version" and use wood blocks where the
shockmounts would've been.

Would that be of help?

------- Original Message -------
From : Ron.K3PID[mailto:ron.k3pid@...]
Sent : 8/21/2012 7:39:09 PM
To : T-368_BC-610@yahoogroups.com
Cc :
Subject : RE: [T-368_BC-610] T-368 support frame

I am trying to get stuff together to repaint my T-3 and I would like to

finish it off with the complete rolling frame undercarriage. I asked this

question a while back and someone sent me some pictures but alas that was

several PC's and email accounts ago. I would greatly appreciate it if

someone had a few pictures of the undercarriage and perhaps some dimensions.

Perhaps a link to an on-line source? An official drawing would be super!!!

All help will be appreciated!

73

K3PID Ron H.

# 5319. RE: [T-368_BC-610] T-368 support frame

Yahoo group: T-368_BC-610
Date: 2012-08-22 18:57:29 UTC
From: Mark J. Blair
Topic: 5223  Message: 5319

On Aug 22, 2012, at 05:05 , Trevor wrote:
> It would be hard for me to take complete photos as the TX is on it and would be a beast to get
> off it, but I could take some photos, and could take some moderately detailed measurements,
> from which you could probably create a "passable faux version" and use wood blocks where the
> shockmounts would've been.
>
> Would that be of help?

I am also interested in seeing some photos. My T-368C didn't come with its support frame.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 5320. Re: [T-368_BC-610] T-368 support frame

Yahoo group: T-368_BC-610
Date: 2012-08-22 21:04:11 UTC
From: mac
Topic: 5223  Message: 5320

Provides a good, solid and stable base for the beasts but BIG
footprint. Make sure there's enough room in your shack before
investing...

Dennis D. W7QHO
Glendale, CA

**********
On Aug 22, 2012, at 11:57 AM, Mark J. Blair wrote:

>
> On Aug 22, 2012, at 05:05 , Trevor wrote:
> > It would be hard for me to take complete photos as the TX is on it
> and would be a beast to get
> > off it, but I could take some photos, and could take some
> moderately detailed measurements,
> > from which you could probably create a "passable faux version" and
> use wood blocks where the
> > shockmounts would've been.
> >
> > Would that be of help?
>
> I am also interested in seeing some photos. My T-368C didn't come
> with its support frame.
>
> --
> Mark J. Blair, NF6X <nf6x@...>
> http://www.nf6x.net/
>
>

[Non-text portions of this message have been removed]

# 5321. Re: [T-368_BC-610] T-368 support frame

Yahoo group: T-368_BC-610
Date: 2012-08-22 22:15:28 UTC
From: Mark Foltarz
Topic: 5223  Message: 5321

Big footprint indeed.  And a toe breaker !

  I got rid of that anchor ( for an anchor)  years ago.

  The T3 sits fine on its dolly.

de KA4JVY

Mark

>_____
> From: mac <w7qho@aol.com>
>To: T-368_BC-610@yahoogroups.com
>Sent: Wednesday, August 22, 2012 5:04 PM
>Subject: Re: [T-368_BC-610] T-368 support frame
>
>Provides a good, solid and stable base for the beasts but BIG
>footprint.  Make sure there's enough room in your shack before
>investing...
>
>Dennis D.  W7QHO
>Glendale, CA
>
>**********
>On Aug 22, 2012, at 11:57 AM, Mark J. Blair wrote:
>
>>
>> On Aug 22, 2012, at 05:05 , Trevor wrote:
>> > It would be hard for me to take complete photos as the TX is on it
>> and would be a beast to get
>> > off it, but I could take some photos, and could take some
>> moderately detailed measurements,
>> > from which you could probably create a "passable faux version" and
>> use wood blocks where the
>> > shockmounts would've been.
>> >
>> > Would that be of help?
>>
>> I am also interested in seeing some photos. My T-368C didn't come
>> with its support frame.
>>
>> --
>> Mark J. Blair, NF6X <nf6x@nf6x.net>
>> http://www.nf6x.net/
>>
>>

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>Yahoo! Groups Links
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[Non-text portions of this message have been removed]

# 5322. Re: [T-368_BC-610] T-368 support frame

Yahoo group: T-368_BC-610
Date: 2012-08-22 22:45:23 UTC
From: Robert Nickels
Topic: 5223  Message: 5322

A good alternative to using casters for large flat-bottomed heavy things that don't have a support frame is to get a bunch of "ball transfers" like eBay item # 270851313310

These 1" units are typically rated at 75-100 pounds each, and if you have a used material handling equipment dealer you can probably get them for couple of bucks each. Screw 'em into a piece of 3/4" plywood and get the local gorillas to hoist the rig on top and you're set. Lower height keeps the center of gravity low and it spreads the load more evenly, plus eliminates the need for a steel support frame.

73, Bob W9RAN

# 5323. barn find

Yahoo group: T-368_BC-610
Date: 2012-08-31 20:07:46 UTC
From: Jan
Topic: 5323  Message: 5323

hello Groep
this week i pickt up a bc610-I in a barn.
it was there for 25 years in good condition but with no back plate and many dust Hi
when i have time this week there wil be some power on it slowly
73
PA3HCO

# 5324. fid

Yahoo group: T-368_BC-610
Date: 2012-08-31 20:22:37 UTC
From: Alan Morriss
Topic: 5324  Message: 5324

that was a lucky find jan . i am going to see if i have a 3550 xtal tomorrow , and we might try a qso if i can find one. alan

[Non-text portions of this message have been removed]

# 5325. Re: [T-368_BC-610] fid

Yahoo group: T-368_BC-610
Date: 2012-08-31 22:04:32 UTC
From: Brian Harris
Topic: 5324  Message: 5325

Congratulations!  That's an even better deal than I got with my 'I model', which has a back panel.  I paid $50 for it and the fellow delivered it, unloaded it and helped me get it in the shack.

Brian Harris
cell 214-763-5977
email cosmophone@...

[Non-text portions of this message have been removed]

# 5326. RE: [T-368_BC-610] barn find

Yahoo group: T-368_BC-610
Date: 2012-08-31 22:19:52 UTC
From: Trevor
Topic: 5323  Message: 5326

Congratulations!

Trevor, VT USA T368E in need of modest TLC and time
to do it...

------- Original Message -------
From : Jan[mailto:wassink@yahoo.com]
Sent : 8/31/2012 4:07:46 PM
To : T-368_BC-610@yahoogroups.com
Cc :
Subject : RE: [T-368_BC-610] barn find

hello Groep

this week i pickt up a bc610-I in a barn.

it was there for 25 years in good condition but with
no back plate and many dust Hi

when i have time this week there wil be some power on
it slowly

73

PA3HCO

# 5327. Re: [T-368_BC-610] fid

Yahoo group: T-368_BC-610
Date: 2012-09-03 20:02:43 UTC
From: Ed Zeranski
Topic: 5324  Message: 5327

Swapped a 1959 Stewart Warner R390A for mine.

From: Brian Harris
Sent: Friday, August 31, 2012 3:04 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] fid

Congratulations! That's an even better deal than I got with my 'I model', which has a back panel. I paid $50 for it and the fellow delivered it, unloaded it and helped me get it in the shack.

Brian Harris
cell 214-763-5977
email mailto:cosmophone%40yahoo.com

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5328. RE: [T-368_BC-610] idea using HP3336B

Yahoo group: T-368_BC-610
Date: 2012-09-03 22:59:20 UTC
From: Bill Harris
Topic: 5287  Message: 5328

Hi Bob:Sorry to be late getting back on this....Which manuals are nyou refering too? I don't have the HP manuals. Okay on the 610 paper work.
Ciaode Bill-w7kxb

To: T-368_BC-610@yahoogroups.com
From: rbethman@...
Date: Sat, 11 Aug 2012 15:33:10 -0400
Subject: Re: [T-368_BC-610] idea using HP3336B

Bill,

Not a single one.

Use the 75 ohm output, the right size WECO connector, and run either

RG-58 or RG-59 to a crystal holder that has been gutted.

The length of three or four foot of coax and 75 ohm output won't even be

noticed.

The idea that some have put out about bringing the 50 ohm from inside

the attenuator to the front are a waste of time and effort.

10 DBM output gives you the 2V peak to peak that the Beast wants into

the tuning unit.

Do you have all the manuals?

Bob - N0DGN

On 8/11/2012 3:19 PM, Bill Harris wrote:

>

>

> Hi Bob (N0DGN)

> I also have a 3336B and I'm wondering if you made any mods to

> it?Ciaode Bill-w7kxb

>

> To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>

> From: rbethman@... <mailto:rbethman%40comcast.net>

> Date: Sat, 11 Aug 2012 13:10:06 -0400

> Subject: Re: [T-368_BC-610] idea

>

> Alan,

>

> You'll want to set the output to 2V peak to peak.

>

> That is the "magic" number to feed the crystal socket with a synthesizer.

>

> That's what a couple of us are doing with an HP-3336B over here.

>

> Bob - N0DGN

>

>

>

> [Non-text portions of this message have been removed]

>

>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5329. Re: [T-368_BC-610] barn find

Yahoo group: T-368_BC-610
Date: 2012-09-04 20:23:52 UTC
From: Joe Foley
Topic: 5323  Message: 5329

Details, please?

What country?

Joe

--- On Fri, 8/31/12, Jan <wassink@yahoo.com> wrote:

From: Jan <wassink@...>
Subject: [T-368_BC-610] barn find
To: T-368_BC-610@yahoogroups.com
Date: Friday, August 31, 2012, 4:07 PM

hello Groep

this week i pickt up a bc610-I in a barn.

it was there for 25 years in good condition but with no back plate and many dust Hi

when i have time this week there wil be some power on it slowly

73

PA3HCO

[Non-text portions of this message have been removed]

# 5330. Re: [T-368_BC-610] barn find

Yahoo group: T-368_BC-610
Date: 2012-09-04 20:28:16 UTC
From: rbethman
Topic: 5323  Message: 5330

QRZ.com shows:

*PA3HCO* Netherlands <http://www.qrz.com/atlas?dxcc=263>
HJ WASSINK
BUURTWEG 11
6971KL BRUMMEN
Netherlands

Bob - N0DGN

On 9/4/2012 4:23 PM, Joe Foley wrote:
>
> Details, please?
>
> What country?
>
> Joe
>
> --- On Fri, 8/31/12, Jan <wassink@...
> <mailto:wassink%40yahoo.com>> wrote:
>
> From: Jan <wassink@... <mailto:wassink%40yahoo.com>>
> Subject: [T-368_BC-610] barn find
> To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> Date: Friday, August 31, 2012, 4:07 PM
>
>
>
> hello Groep
>
> this week i pickt up a bc610-I in a barn.
>
> it was there for 25 years in good condition but with no back plate and
> many dust Hi
>
> when i have time this week there wil be some power on it slowly
>
> 73
>
> PA3HCO
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 5331. BC610

Yahoo group: T-368_BC-610
Date: 2012-09-05 15:29:51 UTC
From: Alan Morriss
Topic: 4221  Message: 5331

hello guys, i was told an interesting story yesterday. the person concerned , a radio amateur, was installing microwave links in saudi arabia in order for remote villages to be connected to the telephone network. he wished to get an answer for something and made enquiries as to how it was to be conveyed to head office. he was told to send a telegram and directed to the telegraph office.
there he found a BC610 in excellent condition with all coils and tuning units etc.they sent his telegram in morse and soon gave him the reply. this was in the late 70s . he wondered how it got there , and what happened to it.alan G4GEN

[Non-text portions of this message have been removed]

# 5332. Re: [T-368_BC-610] BC610

Yahoo group: T-368_BC-610
Date: 2012-09-07 16:36:35 UTC
From: Ed Zeranski
Topic: 4221  Message: 5332

hello guys, i was told an interesting story yesterday.....
I heard an interesting one also. A friend Cecil Royce (SK) said he was an Army radio operator in WWII working a BC 610 that was mounted in a bomber with the bomb bay modified to hold the generator. They hopped across North Africa then up into Italy where the flying BC610 ops were halted. Their drill was to land at improvised or remote airstrips, drop the generator, set up antenna poles, then operate contacting both Bomber Command in England and the US. Cecil wrote it up but I've never seen any pictures.
EdZ KG6UTS

[Non-text portions of this message have been removed]

# 5333. Wanted T-368

Yahoo group: T-368_BC-610
Date: 2012-09-10 15:47:43 UTC
From: n2len
Topic: 5333  Message: 5333

I am looking to purchase or trade for a T-368 Complete...

Any condition..

Kindly reply too:

N2LEN@...

# 5334. Re: [T-368_BC-610] Wanted T-368

Yahoo group: T-368_BC-610
Date: 2012-09-10 16:08:23 UTC
From: James M. Walker
Topic: 5333  Message: 5334

How about a BC-610 (I) Model, with speech amp?
Jim
WB2FCN

----- Original Message -----
From: n2len
To: T-368_BC-610@yahoogroups.com
Sent: Monday, September 10, 2012 11:47 AM
Subject: [T-368_BC-610] Wanted T-368

I am looking to purchase or trade for a T-368 Complete...

Any condition..

Kindly reply too:

N2LEN@...

[Non-text portions of this message have been removed]

# 5335. Re: Wanted T-368

Yahoo group: T-368_BC-610
Date: 2012-09-10 17:40:48 UTC
From: n2len
Topic: 5333  Message: 5335

Hey Jim,
Thanks for the reply...Well now that's tempting!
You know, if I hadn't recently finished the restoration of the donated 610H I received from Bill Kish I would probably be all over it!

610 Twins!

In my small, modest shack, I would have to demo into the garage for the added space.
Take a quick look at you tell me....

http://www.youtube.com/watch?v=5WUypmC2P8E

--- In T-368_BC-610@yahoogroups.com, "James M. Walker" <chejmw@...> wrote:
>
> How about a BC-610 (I) Model, with speech amp?
> Jim
> WB2FCN
>
>
> ----- Original Message -----
> From: n2len
> To: T-368_BC-610@yahoogroups.com
> Sent: Monday, September 10, 2012 11:47 AM
> Subject: [T-368_BC-610] Wanted T-368
>
>
>
> I am looking to purchase or trade for a T-368 Complete...
>
> Any condition..
>
> Kindly reply too:
>
> N2LEN@...
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 5336. Re: [T-368_BC-610] Re: Wanted T-368

Yahoo group: T-368_BC-610
Date: 2012-09-10 18:26:06 UTC
From: rbethman
Topic: 5333  Message: 5336

Hey Len,

You could "maybe" figure out how to broadcast Stereo!

Two 610s are always better than one!

Bob - N0DGN (One BC-610 AND a T-213!)

On 9/10/2012 1:40 PM, n2len wrote:
>
> Hey Jim,
> Thanks for the reply...Well now that's tempting!
> You know, if I hadn't recently finished the restoration of the donated
> 610H I received from Bill Kish I would probably be all over it!
>
> 610 Twins!
>
> In my small, modest shack, I would have to demo into the garage for
> the added space.
> Take a quick look at you tell me....
>
> http://www.youtube.com/watch?v=5WUypmC2P8E
>
>
> --- In T-368_BC-610@yahoogroups.com
> <mailto:T-368_BC-610%40yahoogroups.com>, "James M. Walker"
> <chejmw@...> wrote:
> >
> > How about a BC-610 (I) Model, with speech amp?
> > Jim
> > WB2FCN
> >
> >
> > ----- Original Message -----
> > From: n2len
> > To: T-368_BC-610@yahoogroups.com
> <mailto:T-368_BC-610%40yahoogroups.com>
> > Sent: Monday, September 10, 2012 11:47 AM
> > Subject: [T-368_BC-610] Wanted T-368
> >
> >
> >
> > I am looking to purchase or trade for a T-368 Complete...
> >
> > Any condition..
> >

> > Kindly reply too:
> >
> > N2LEN@...
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>

[Non-text portions of this message have been removed]

# 5337. Re: [T-368_BC-610] Re: Wanted T-368 CORRECTION

Yahoo group: T-368_BC-610
Date: 2012-09-10 18:35:26 UTC
From: rbethman
Topic: 5333  Message: 5337

Excuse me. I meant TRANSMIT! We don't Broadcast!

Hey Len,

You could "maybe" figure out how to broadcast Stereo!

Two 610s are always better than one!

Bob - N0DGN (One BC-610 AND a T-213!)

On 9/10/2012 1:40 PM, n2len wrote:
>
> Hey Jim,
> Thanks for the reply...Well now that's tempting!
> You know, if I hadn't recently finished the restoration of the donated
> 610H I received from Bill Kish I would probably be all over it!
>
> 610 Twins!
>
> In my small, modest shack, I would have to demo into the garage for
> the added space.
> Take a quick look at you tell me....
>
> http://www.youtube.com/watch?v=5WUypmC2P8E
>
>

[Non-text portions of this message have been removed]

# 5338. Re: Wanted T-368

Yahoo group: T-368_BC-610
Date: 2012-09-10 18:36:26 UTC
From: n2len
Topic: 5333  Message: 5338

Bob,
If it wasn't for you I would of never known about Bill's 610H!

All I could say is a big thanks bud!

Now regarding 610 stereo, I guess I would need 2 antennas? lol..

--- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@...> wrote:
>
> Hey Len,
>
> You could "maybe" figure out how to broadcast Stereo!
>
> Two 610s are always better than one!
>
> Bob - N0DGN (One BC-610 AND a T-213!)
>
>
> On 9/10/2012 1:40 PM, n2len wrote:
> >
> > Hey Jim,
> > Thanks for the reply...Well now that's tempting!
> > You know, if I hadn't recently finished the restoration of the donated
> > 610H I received from Bill Kish I would probably be all over it!
> >
> > 610 Twins!
> >
> > In my small, modest shack, I would have to demo into the garage for
> > the added space.
> > Take a quick look at you tell me....
> >
> > http://www.youtube.com/watch?v=5WUypmC2P8E
> >
> >
> > --- In T-368_BC-610@yahoogroups.com
> > <mailto:T-368_BC-610%40yahoogroups.com>, "James M. Walker"
> > <chejmw@> wrote:
> > >
> > > How about a BC-610 (I) Model, with speech amp?
> > > Jim
> > > WB2FCN
> > >
> > >
> > > ----- Original Message -----
> > > From: n2len
> > > To: T-368_BC-610@yahoogroups.com

> > <mailto:T-368_BC-610%40yahoogroups.com>
> > > Sent: Monday, September 10, 2012 11:47 AM
> > > Subject: [T-368_BC-610] Wanted T-368
> > >
> > >
> > >
> > > I am looking to purchase or trade for a T-368 Complete...
> > >
> > > Any condition..
> > >
> > > Kindly reply too:
> > >
> > > N2LEN@
> > >
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> >
>
>
>
> [Non-text portions of this message have been removed]
>

# 5339. Re: [T-368_BC-610] Re: Wanted T-368

Yahoo group: T-368_BC-610
Date: 2012-09-10 18:46:02 UTC
From: rbethman
Topic: 5333  Message: 5339

Len,

I'm always trying to help folks. I was contacted by Bill, and simply trying to help him - and trying to help you get something you might want.

(I'd be more concerned about tying down the Electric Meter!)

That thing might try and launch!

Bob - N0DGN
On 9/10/2012 2:36 PM, n2len wrote:
>
> Bob,
> If it wasn't for you I would of never known about Bill's 610H!
>
> All I could say is a big thanks bud!
>
> Now regarding 610 stereo, I guess I would need 2 antennas? lol..
>
> --- In T-368_BC-610@yahoogroups.com
> <mailto:T-368_BC-610%40yahoogroups.com>, rbethman <rbethman@...> wrote:
> >
> > Hey Len,
> >
> > You could "maybe" figure out how to broadcast Stereo!
> >
> > Two 610s are always better than one!
> >
> > Bob - N0DGN (One BC-610 AND a T-213!)
>

[Non-text portions of this message have been removed]

# 5340. BC-610 For Sale

Yahoo group: T-368_BC-610
Date: 2012-09-12 17:23:28 UTC
From: Chuck Hurley
Topic: 5323  Message: 5340

To all,

I have a very nice BC-610 with the BC-614 speech amplifier and BC-939 tuner. BC-614 includes all cabling and a muting relay box for the receiver. The BC-614 has been recapped and modified for use with a D-104. The BC-610 has only one modification and that is a BNC connector for direct VFO input. I have all the tuning units and coils from 1.5 to 18 mhz. All the coils have been repaired as needed with Garolite and epoxy to stabilize the coils. Includes a tailor made dust cover for the BC-610 and one for the BC-614. This a turnkey working unit that I have had on the air recently. Located in Massachusetts just south of Boston this is obviously a pickup only item but I can assist with delivery if it is in the area. Pictures available. Serious inquiries only. Chuck K1TLI 508-965-7400

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of rbethman
Sent: Tuesday, September 04, 2012 4:28 PM
To: T-368_BC-610@yahoogroups.com
Cc: Joe Foley
Subject: Re: [T-368_BC-610] barn find

QRZ.com shows:

*PA3HCO* Netherlands <http://www.qrz.com/atlas?dxcc=263>
HJ WASSINK
BUURTWEG 11
6971KL BRUMMEN
Netherlands

Bob - N0DGN

On 9/4/2012 4:23 PM, Joe Foley wrote:
>
> Details, please?
>
> What country?
>
> Joe
>
> --- On Fri, 8/31/12, Jan <wassink@... <mailto:wassink%40yahoo.com>
> <mailto:wassink%40yahoo.com>> wrote:
>
> From: Jan <wassink@... <mailto:wassink%40yahoo.com>
<mailto:wassink%40yahoo.com>>
> Subject: [T-368_BC-610] barn find
> To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>

<mailto:T-368_BC-610%40yahoogroups.com>
> Date: Friday, August 31, 2012, 4:07 PM
>
>
>
> hello Groep
>
> this week i pickt up a bc610-I in a barn.
>
> it was there for 25 years in good condition but with no back plate and
> many dust Hi
>
> when i have time this week there wil be some power on it slowly
>
> 73
>
> PA3HCO
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5341. clock

Yahoo group: T-368_BC-610
Date: 2012-09-13 17:04:45 UTC
From: Alan Morriss
Topic: 5341  Message: 5341

hello guys, can anyone tell me if there was any kind of a clock associated with the HO17 .? if not how were they expected to keep accurate time . i am still after the typewriter, and maybe one will turn up. alan G4GEN

[Non-text portions of this message have been removed]

# 5342. Re: [T-368_BC-610] clock

Yahoo group: T-368_BC-610
Date: 2012-09-13 17:53:35 UTC
From: rbethman
Topic: 5341  Message: 5342

Alan,

While I wasn't involved "that" far back, I do know that Operation Centers and communications centers had a "standard issue" clock that was in its own case that could be closed. These were a wind up type. They were synchronized either over a communications link either land-line, HF or in later days, (1970), by microwave.

Bob - N0DGN

On 9/13/2012 1:04 PM, Alan Morriss wrote:
>
> hello guys, can anyone tell me if there was any kind of a clock
> associated with the HO17 .? if not how were they expected to keep
> accurate time . i am still after the typewriter, and maybe one will
> turn up. alan G4GEN
>

[Non-text portions of this message have been removed]

# 5343. clock

Yahoo group: T-368_BC-610
Date: 2012-09-13 18:34:44 UTC
From: Alan Morriss
Topic: 5341  Message: 5343

thanks bob. i expect that much the same thing was used in WW2 . i wonder if it is possible to get one. cheers , alan

[Non-text portions of this message have been removed]

# 5344. Re: [T-368_BC-610] clock

Yahoo group: T-368_BC-610
Date: 2012-09-13 19:48:14 UTC
From: bavarianradio@comcast.net
Topic: 5341  Message: 5344

Hi All, Chelsea clock company made most of the navy clocks during WWII as well as Seth Thomas.Waltham Watch made watches and field clocks for the Army. Look up "radio room clock" And you'll see a variety of types available.. Thanks, Ross

----- Original Message -----
thanks bob. i expect that much the same thing was used in WW2 . i wonder if it is possible to get one. cheers , alan
[Non-text portions of this message have been removed]

# 5345. reply

Yahoo group: T-368_BC-610
Date: 2012-09-13 21:06:27 UTC
From: Alan Morriss
Topic: 4438  Message: 5345

thanks a lot paul. i think that underwood also made them. one day one will come my way ! we may have a film with the truck next year, and it would be nice if i could get one before then . if the worst comes to the worst i may be able to borrow one. cheers, alan

[Non-text portions of this message have been removed]

# 5346. new barnfind

Yahoo group: T-368_BC-610
Date: 2012-09-15 18:45:52 UTC
From: Jan
Topic: 5346  Message: 5346

hello groep
now a bigger behind barnfid
in belgie they found behind a barn 4x a bc610 onder a locker
they say with rond meters so it will be bc610g/h/i
next week i now more!!!

# 5347. 610-I Burning smell on 160

Yahoo group: T-368_BC-610
Date: 2012-09-18 00:48:02 UTC
From: charlie_k3ya
Topic: 5347  Message: 5347

Hello to the list members from a new guy.

I have a 610-I that been working FB on 75 meters. I recently tuned it to 160 and something is running hot. Smells like burning Bakelite during long transmissions. No viable smoke and so far the offending part just keeps hanging in there. I remember hearing somewhere that the final plate choke can run hot but mine looks OK with no sine of goopey insulation or distress. The output coil looks OK too.

Is there a known part that tends to run hot on 160?

Thanks,
Charlie K3YA

# 5348. Re: [T-368_BC-610] 610-I Burning smell on 160

Yahoo group: T-368_BC-610
Date: 2012-09-18 02:36:09 UTC
From: wa5cab@cs.com
Topic: 5347  Message: 5348

Charlie,

Yes. You are probably burning Resistor R9 and may be damaging PA Plate Choke CH10. Installation instructions for Frequency Modification Kit MC-509 say that for operation of BC-610 on frequencies between 1.0 and 2.0 MC you must disconnect one end of R9. R9 is located below the PA tuning capacitor adjacent to CH10. For operation above 2.0 MC, reconnect R9.

Robert D

The MC-509 instructions include modification instructions for Antenna Tuning Units BC-729 and BC-939.

Be sure that you crowbar the high B+ before you go digging around in the PA section. Fifty years ago this past Spring, I survived discharging the HV filter capacitors in a BC-610-E with an open bleeder resistor. But survival is not guaranteed.

In a message dated 09/17/2012 19:48:06 PM Central Daylight Time, cbroring@... writes:
> 
> Hello to the list members from a new guy.
> 
> I have a 610-I that been working FB on 75 meters. I recently tuned it to
> 160 and something is running hot. Smells like burning Bakelite during long
> transmissions. No viable smoke and so far the offending part just keeps
> hanging in there. I remember hearing somewhere that the final plate choke
> can run hot but mine looks OK with no sign of goopey insulation or distress.
> The output coil looks OK too.
> 
> Is there a known part that tends to run hot on 160?
> 
> Thanks,
> Charlie K3YA
> 
> 

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 5349. Re: [T-368_BC-610] 610-I Burning smell on 160

Yahoo group: T-368_BC-610
Date: 2012-09-18 12:36:18 UTC
From: rbethman
Topic: 5347  Message: 5349

As Robert Downs posted. You *MUST* follow the MC-509 procedure. If not, you will definitely cook components that will be difficult to replace. That specifically applies to the Choke.

Stop the 160 ops until you follow the procedure, which then *must* be reversed when operating above 2.0 MC.

Bob - N0DGN

On 9/17/2012 8:48 PM, charlie_k3ya wrote:
>
> Hello to the list members from a new guy.
>
> I have a 610-I that been working FB on 75 meters. I recently tuned it
> to 160 and something is running hot. Smells like burning Bakelite
> during long transmissions. No viable smoke and so far the offending
> part just keeps hanging in there. I remember hearing somewhere that
> the final plate choke can run hot but mine looks OK with no sine of
> goopey insulation or distress. The output coil looks OK too.
>
> Is there a known part that tends to run hot on 160?
>
> Thanks,
> Charlie K3YA
>

[Non-text portions of this message have been removed]

# 5350. Re: 610-I Burning smell on 160

Yahoo group: T-368_BC-610
Date: 2012-09-18 15:49:36 UTC
From: cbroring@aol.com
Topic: 5347  Message: 5350

Thanks. R9 looks like a likely culprit. I'll unhook it and see if it makes the transmitter happy.

K3YA

[Non-text portions of this message have been removed]

# 5351. Re: [T-368_BC-610] Re: 610-I Burning smell on 160

Yahoo group: T-368_BC-610
Date: 2012-09-18 16:11:37 UTC
From: rbethman
Topic: 5347  Message: 5351

Charlie,

Also check CH4 very carefully. R9 is a readily available component, whereas CH4 is *NOT*, and may well take the brunt of the problem. It can either short or burn open.

Bob - N0DGN

On 9/18/2012 11:49 AM, cbroring@... wrote:
>
> Thanks. R9 looks like a likely culprit. I'll unhook it and see if it
> makes the transmitter happy.
>
> K3YA
>

[Non-text portions of this message have been removed]

# 5352. Re: [T-368_BC-610] 610-I Burning smell on 160

Yahoo group: T-368_BC-610
Date: 2012-09-18 16:26:50 UTC
From: mac
Topic: 5347  Message: 5352

Yes, have seen that note in the MC-509 kit instructions. Understand the inclusion of R9 in the design which is explained in the TMs but R9 apparently overheats (and maybe causes other mischief) and must be removed when the 1.0 - 2.0 Mhz range components are installed. Presume the resistor is a non-inductive type, carries an X****designation in my 1943 TM, but why does it have to be disconnected for the lower frequencies? The resistor would be carrying the full PA DC plate current if CH-4 opened and would be dissipating something like twice it's 20W rating. Something to check out but not what the warning in the book is all about. So, if R9 gets hot it must be getting a significant RF voltage impressed across it.

In the BC-610 tank circuit the 180 degree phase shift in the RF plate voltage required for the neutralization circuit is provided by the split-stator PA plate tuning capacitor. The rotor is held at RF ground potential by C11 and the RF voltages on the opposing stator sections are of opposite phase. Theoretically, the "center tap" on the PA tank coil in the BC-610 configuration should also be at zero RF potential but in practice stray capacitance and inductance make this very difficult to achieve and so when the B+ is provided to the PA plate through the tank coil (series feed) this is typically done through an RF choke (CH-4 here) to accommodate any RF offset. (RF chokes, in turn, can cause mischief too which is what R9 is all about, see the TM.) So, it would appear that when the new, lower frequency coil and vacuum shunt capacitors were installed it was found that a LARGE enough imbalance had been introduced in the PA tank circuit to result in enough RF voltage appearing at the nominal center-tap on the inductor to roast R9. Couple of hundred volts RMS would be more than enough.

Anyone have a better idea?

Dennis D. W7QHO
Glendale, CA

**********

On Sep 17, 2012, at 7:36 PM, wa5cab@... wrote:

> Yes. You are probably burning Resistor R9 and may be damaging PA Plate
> Choke CH10. Installation instructions for Frequency Modification Kit
> MC-509
> say that for operation of BC-610 on frequencies between 1.0 and 2.0
> MC you
> must disconnect one end of R9. R9 is located below the PA tuning
> capacitor

> adjacent to CH10. For operation above 2.0 MC, reconnect R9.

[Non-text portions of this message have been removed]

# 5353. BC610

Yahoo group: T-368_BC-610
Date: 2012-09-18 16:58:30 UTC
From: Alan Morriss
Topic: 4221  Message: 5353

hello , if you wreck the RF choke, i have a spare. i managed to find one on ebay . in the end i got a complete tuning unit and installed it. my choke blew up quite sspectacurlarly , which i found was due to using the wrong TU for 20 .
i would bbe most disinclined to run it on top band ! i love that old girl too much.alan G4GEN

[Non-text portions of this message have been removed]

# 5354. Re: [T-368_BC-610] 610-I Burning smell on 160

Yahoo group: T-368_BC-610
Date: 2012-09-18 17:11:06 UTC
From: rbethman
Topic: 5347  Message: 5354

According to LC Resonance Calculations, that particular "loop" of 2.5 mH, 630 Ohms, and the 55pf added across the PA Tuning Capacitor, you are at a harmonic point in the CH4/R9 area.

This would increase the current flow and create an issue of heating within this circuit.

The issue I have with the TM as shown on top of page 46, is that it does NOT show the 55pf Fixed vacuum capacitor across C12. This is indeed what should be shown.

Additionally, there should be a fixed vacuum capacitor inside the BC-939 if used in this configuration, and it TOO must have one conductor removed AND another jumper added.

Bob - N0DGN

On 9/18/2012 12:26 PM, mac wrote:
>
>
> Yes, have seen that note in the MC-509 kit instructions. Understand
> the inclusion of R9 in the design which is explained in the TMs but R9
> apparently overheats (and maybe causes other mischief) and must be
> removed when the 1.0 - 2.0 Mhz range components are installed.
> Presume the resistor is a non-inductive type, carries an
> X****designation in my 1943 TM, but why does it have to be
> disconnected for the lower frequencies? The resistor would be
> carrying the full PA DC plate current if CH-4 opened and would be
> dissipating something like twice it's 20W rating. Something to check
> out but not what the warning in the book is all about. So, if R9 gets
> hot it must be getting a significant RF voltage impressed across it.
>
> In the BC-610 tank circuit the 180 degree phase shift in the RF plate
> voltage required for the neutralization circuit is provided by the
> split-stator PA plate tuning capacitor. The rotor is held at RF
> ground potential by C11 and the RF voltages on the opposing stator
> sections are of opposite phase. Theoretically, the "center tap" on
> the PA tank coil in the BC-610 configuration should also be at zero RF
> potential but in practice stray capacitance and inductance make this
> very difficult to achieve and so when the B+ is provided to the PA
> plate through the tank coil (series feed) this is typically done
> through an RF choke (CH-4 here) to accommodate any RF offset. (RF
> chokes, in turn, can cause mischief too which is what R9 is all about,
> see the TM.) So, it would appear that when the new, lower frequency
> coil and vacuum shunt capacitors were installed it was found that a
> LARGE enough imbalance had been introduced in the PA tank circuit to

> result in enough RF voltage appearing at the nominal center-tap on the
> inductor to roast R9. Couple of hundred volts RMS would be more than
> enough.
>
> Anyone have a better idea?
>
> Dennis D. W7QHO
> Glendale, CA
>

[Non-text portions of this message have been removed]

# 5355. Re: [T-368_BC-610] 610-I Burning smell on 160 ADDENDUM

Yahoo group: T-368_BC-610
Date: 2012-09-18 17:32:44 UTC
From: rbethman
Topic: 5347  Message: 5355

ADDED ------

I'd also add that NOT all 160 meter PA Coils have a movable link!

Both of mine that were still in there box and moisture proof packaging
are FIXED link PA Coils.

END -----

According to LC Resonance Calculations, that particular "loop" of 2.5
mH, 630 Ohms, and the 55pf added across the PA Tuning Capacitor, you are
at a harmonic point in the CH4/R9 area.

This would increase the current flow and create an issue of heating
within this circuit.

The issue I have with the TM as shown on top of page 46, is that it does
NOT show the 55pf Fixed vacuum capacitor across C12. This is indeed
what should be shown.

Additionally, there should be a fixed vacuum capacitor inside the BC-939
if used in this configuration, and it TOO must have one conductor
removed AND another jumper added.

Bob - N0DGN

On 9/18/2012 12:26 PM, mac wrote:
>
>
> Yes, have seen that note in the MC-509 kit instructions. Understand
> the inclusion of R9 in the design which is explained in the TMs but R9
> apparently overheats (and maybe causes other mischief) and must be
> removed when the 1.0 - 2.0 Mhz range components are installed.
> Presume the resistor is a non-inductive type, carries an
> X****designation in my 1943 TM, but why does it have to be
> disconnected for the lower frequencies? The resistor would be
> carrying the full PA DC plate current if CH-4 opened and would be
> dissipating something like twice it's 20W rating. Something to check
> out but not what the warning in the book is all about. So, if R9 gets
> hot it must be getting a significant RF voltage impressed across it.
>
> In the BC-610 tank circuit the 180 degree phase shift in the RF plate
> voltage required for the neutralization circuit is provided by the
> split-stator PA plate tuning capacitor. The rotor is held at RF
> ground potential by C11 and the RF voltages on the opposing stator
> sections are of opposite phase. Theoretically, the "center tap" on
> the PA tank coil in the BC-610 configuration should also be at zero RF

> potential but in practice stray capacitance and inductance make this
> very difficult to achieve and so when the B+ is provided to the PA
> plate through the tank coil (series feed) this is typically done
> through an RF choke (CH-4 here) to accommodate any RF offset. (RF
> chokes, in turn, can cause mischief too which is what R9 is all about,
> see the TM.) So, it would appear that when the new, lower frequency
> coil and vacuum shunt capacitors were installed it was found that a
> LARGE enough imbalance had been introduced in the PA tank circuit to
> result in enough RF voltage appearing at the nominal center-tap on the
> inductor to roast R9. Couple of hundred volts RMS would be more than
> enough.
>
> Anyone have a better idea?
>
> Dennis D. W7QHO
> Glendale, CA
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5356. Re: 610-I Burning smell on 160

Yahoo group: T-368_BC-610
Date: 2012-09-19 01:16:16 UTC
From: charlie_k3ya
Topic: 5347  Message: 5356

I unhooked the wire wound resistor in parallel with the choke and now my radio smells great! It's a ceramic coated resistor mounted right up against the bakelite case of a capacitor so I suspect the excess dissipation was cooking the capacitor and giving off the smell. All parts seem A-OK and I even had a couple QSO's this evening it to test everything out.

It looks to me that the resistor is there to lower the Q of any resonant modes present in the plate choke. I bet the transmitter will work fine without it on most frequencies and it's absence will only cause an issue on a few higher frequencies that the choke doesn't like. I'll try the transmitter on 75M without R9 and report how it works. Currently 160 and 75M are the only tow bands that I operate on.

Thanks for the help.
Charlie K3YA

# 5357. Re: [T-368_BC-610] Re: 610-I Burning smell on 160

Yahoo group: T-368_BC-610
Date: 2012-09-19 14:12:01 UTC
From: rbethman
Topic: 5347  Message: 5357

Charlie,

I too have found R9 to be a ceramic coated wire wound resistor.

It certainly is not a non-inductive one as has been previously been suggested. Its proximity to the bakelite encased capacitor would indeed over heat both under use at that frequency range.

The TM simply tells you that this must be disconnected on one end. It doesn't go into the theory and reasons why. The TM is geared toward the operator, not a technical type.

Let us know as you continue operating how the results come out with leaving R9 open on other bands.

Bob - N0DGN

On 9/18/2012 9:16 PM, charlie_k3ya wrote:
>
> I unhooked the wire wound resistor in parallel with the choke and now
> my radio smells great! It's a ceramic coated resistor mounted right up
> against the bakelite case of a capacitor so I suspect the excess
> dissipation was cooking the capacitor and giving off the smell. All
> parts seem A-OK and I even had a couple QSO's this evening it to test
> everything out.
>
> It looks to me that the resistor is there to lower the Q of any
> resonant modes present in the plate choke. I bet the transmitter will
> work fine without it on most frequencies and it's absence will only
> cause an issue on a few higher frequencies that the choke doesn't
> like. I'll try the transmitter on 75M without R9 and report how it
> works. Currently 160 and 75M are the only tow bands that I operate on.
>
> Thanks for the help.
> Charlie K3YA
>

[Non-text portions of this message have been removed]

# 5358. Re: [T-368_BC-610] Re: 610-I Burning smell on 160

Yahoo group: T-368_BC-610
Date: 2012-09-19 17:20:40 UTC
From: mac
Topic: 5347  Message: 5358

"Certainly" not non-inductive??? You can't tell just by looking at it, depends on how the winding of the wire on the ceramic form is configured. According to TM 11-281, CH-4 (designated CH-10 in early 610 models) is self resonant in the 2 - 3 Mhz range. Just what adverse effect this had is not reported. High RF voltage arcing across or within the choke could have been one result and PA neutralization problems could have been another. In any case the engineers chose to resistively load the offending circuit (i.e., lower the Q) down to a point where the adverse effects were abated. Straightforward solution but since RF is involved the use of a non-inductive resistance element would "certainly" be indicated. Finally, TM 11-250, 22 June 1943 lists Utah as the manufacturer of the majority of the 20 watt resistors used in the B, C and D models. All of these resistors carry a Utah 20VWQ type code except for R9 which is a Utah type X1022. Sure is something special about it and I'll put my money on non-inductive.

Dennis D. W7QHO
Glendale, CA

**********
On Sep 19, 2012, at 7:12 AM, rbethman wrote (in part):

> I too have found R9 to be a ceramic coated wire wound resistor.
>
> It certainly is not a non-inductive one as has been previously been
> suggested.

[Non-text portions of this message have been removed]

# 5359. BC-610 T-213 Heat issues

Yahoo group: T-368_BC-610
Date: 2012-09-19 17:22:41 UTC
From: rbethman
Topic: 5359  Message: 5359

Group,

Looking at these transmitters, their former installation in the communications shelter, and the "most likely" installation in our Amateur Radio shacks, (That being with the backside probably backed up to a wall.), has caused me to start thinking about the cooling of them.

The ventilation of the transmitter has been done by convection cooling for all these decades. I wonder about the effect of the heat on all the components. No one ever envisioned this length of life when they were designed.

The major ventilation of the transmitter is by the holes in the rear of them. (One of mine DOES have the back cover - the other does not.)

It starts the thought process as to whether these would benefit from some sort of forced air cooling, whether by drawing air out, or pushing air in.

Has someone else been chewing over this besides myself?

Bob - N0DGN

# 5360. Re: [T-368_BC-610] Re: 610-I Burning smell on 160

Yahoo group: T-368_BC-610
Date: 2012-09-19 17:48:15 UTC
From: rbethman
Topic: 5347  Message: 5360

Your reference is on "earlier" models than the "H" and specifically the "I" that is being discussed.

The later models come under TM 11-826. This is for "E", "F", "G", "H", and "I" plus T-213/GRC-26.

Therefore you aren't even in the same manual nor manufacturing variants.

Try page 123 for the parts list indicating the description for both R9 and R20 on the LATER models. The manufacturing Order Numbers indicate 1950.

You aren't even in the same ballpark with references that do not apply to the entire later series, whose TM is dated October 1952.

No "special" note is made regarding what type or whom made these two components in the later manual and models. They are indeed specified as JAN types.

K3YA and myself are talking specifically about the "I" variant.

Bob - N0DGN

On 9/19/2012 1:20 PM, mac wrote:
>
> "Certainly" not non-inductive??? You can't tell just by looking at
> it, depends on how the winding of the wire on the ceramic form is
> configured. According to TM 11-281, CH-4 (designated CH-10 in early
> 610 models) is self resonant in the 2 - 3 Mhz range. Just what
> adverse effect this had is not reported. High RF voltage arcing
> across or within the choke could have been one result and PA
> neutralization problems could have been another. In any case the
> engineers chose to resistively load the offending circuit (i.e., lower
> the Q) down to a point where the adverse effects were abated.
> Straightforward solution but since RF is involved the use of a non-
> inductive resistance element would "certainly" be indicated.
> Finally, TM 11-250, 22 June 1943 lists Utah as the manufacturer of
> the majority of the 20 watt resistors used in the B, C and D models.
> All of these resistors carry a Utah 20VWQ type code except for R9
> which is a Utah type X1022. Sure is something special about it and
> I'll put my money on non-inductive.
>
> Dennis D. W7QHO
> Glendale, CA
>

[Non-text portions of this message have been removed]

# 5361. Re: [T-368_BC-610] Re: 610-I Burning smell on 160

Yahoo group: T-368_BC-610
Date: 2012-09-19 18:29:36 UTC
From: mac
Topic: 5347  Message: 5361

Whatever... You still can't tell just by looking at the externals of the resistor and the use of a non-inductive unit for the resistor in question would be indicated whatever model was involved. The model suffix letters and TM dates don't change the relevant technical and the engineering issues.

Dennis D. W7QHO
Glendale, CA

**********
On Sep 19, 2012, at 10:48 AM, rbethman wrote:

> Your reference is on "earlier" models than the "H" and specifically
> the
> "I" that is being discussed.
>
> The later models come under TM 11-826. This is for "E", "F", "G", "H",
> and "I" plus T-213/GRC-26.
>
> Therefore you aren't even in the same manual nor manufacturing
> variants.
>
> Try page 123 for the parts list indicating the description for both R9
> and R20 on the LATER models. The manufacturing Order Numbers
> indicate 1950.
>
> You aren't even in the same ballpark with references that do not apply
> to the entire later series, whose TM is dated October 1952.
>
> No "special" note is made regarding what type or whom made these two
> components in the later manual and models. They are indeed specified
> as
> JAN types.
>
> K3YA and myself are talking specifically about the "I" variant.
>
> Bob - N0DGN
>
> On 9/19/2012 1:20 PM, mac wrote:
> >
> > "Certainly" not non-inductive??? You can't tell just by looking at
> > it, depends on how the winding of the wire on the ceramic form is
> > configured. According to TM 11-281, CH-4 (designated CH-10 in early
> > 610 models) is self resonant in the 2 - 3 Mhz range. Just what
> > adverse effect this had is not reported. High RF voltage arcing
> > across or within the choke could have been one result and PA

> > neutralization problems could have been another. In any case the
> > engineers chose to resistively load the offending circuit (i.e.,
> lower
> > the Q) down to a point where the adverse effects were abated.
> > Straightforward solution but since RF is involved the use of a non-
> > inductive resistance element would "certainly" be indicated.
> > Finally, TM 11-250, 22 June 1943 lists Utah as the manufacturer of
> > the majority of the 20 watt resistors used in the B, C and D models.
> > All of these resistors carry a Utah 20VWQ type code except for R9
> > which is a Utah type X1022. Sure is something special about it and
> > I'll put my money on non-inductive.
> >
> > Dennis D. W7QHO
> > Glendale, CA
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 5362. Re: [T-368_BC-610] Re: 610-I Burning smell on 160

Yahoo group: T-368_BC-610
Date: 2012-09-19 18:46:05 UTC
From: rbethman
Topic: 5347  Message: 5362

Obviously you aren't interested.

This would be indicated by the "Whatever.....".

Technical and engineering issues indeed change with model changes. The specific models have had circuit changes as they progressed. The "general" theory did not change, but the specifics did.

Their are significant differences between the B, C, D models and the F,G,H, I and T-213s. The T-213 was coming out of Depot in 1959 as so indicated by the stencil date on the front panel.

The schematics and parts used are specific to the model in question. Why else would they take such time and effort to draw the different drawings, AND specify *different* components based on MODEL?

N0DGN

On 9/19/2012 2:29 PM, mac wrote:
> Whatever... You still can't tell just by looking at the externals of
> the resistor and the use of a non-inductive unit for the resistor in
> question would be indicated whatever model was involved. The model
> suffix letters and TM dates don't change the relevant technical and
> the engineering issues.
>
> Dennis D. W7QHO
> Glendale, CA
>

# 5363. Re: [T-368_BC-610] Re: 610-I Burning smell on 160

Yahoo group: T-368_BC-610
Date: 2012-09-19 19:29:22 UTC
From: rbethman
Topic: 5347  Message: 5363

The different "Variants" even used a different value for resistance and wattage depending on "Variant" and further down to serial numbers specified.

R9 at 630 Ohms 18W vs R9 at 700 Ohms 16W makes a difference in the resonant frequency while CH4 values did NOT change.

It is apparent that engineering changes were dictated by past experience as reported from the field and failure reports.

This indeed did not change "general theory", but did change the characteristics of the circuit.

Therefore there is indeed a necessity to be very specific about which TM, "Variant", and Serial Number when trying to discuss the issues that are pertinent.

N0DGN

# 5364. Re: [T-368_BC-610] Re: 610-I Burning smell on 160

Yahoo group: T-368_BC-610
Date: 2012-09-19 20:22:35 UTC
From: mac
Topic: 5347  Message: 5364

The resistor in question apparently still in place in 1959 just as in 1942 and 1945 so the same problem with the circuit still existed in 1959 and apparently persists as of 19 Sep. 2012, notwithstanding advancing model letter designations, TM dates and front panel stencils . The use of a non-inductive resistor would have been the engineering choice in 43, 45 & 59 and remains so in 2012. Also, you can't tell if the WW unit is inductive or not just by external inspection unless, happily, it's identified as such by a printed label or an unambiguous and retrievable part number. Again true in 43, 45, 59 and 2012. Now, does anybody have hard information here? Apparently none of the TM's do. In 43 the thing was a Utah X1022 but I can't find anything on that in my library. Again, different from all the other 20 watt units listed in 43. The thing apparently got a JAN ID later, but again, non-inductive type? Anybody have hard information on that (or give a damn)?

Just to be clear I'm a T-368, not a BC-610 guy but I've assisted and advised several other 610 owners and am very familiar with the radio which is not rocket science in any case. BC-610 owners are free to believe whatever they want concerning their property. My interest here was a particular technical puzzle, take it or leave it. I'm out of here...

Dennis D. W7QHO
Glendale, CA

**********
On Sep 19, 2012, at 11:46 AM, rbethman wrote:

> Obviously you aren't interested.
>
> This would be indicated by the "Whatever.....".
>
> Technical and engineering issues indeed change with model changes. The
> specific models have had circuit changes as they progressed. The
> "general" theory did not change, but the specifics did.
>
> Their are significant differences between the B, C, D models and the
> F,G,H, I and T-213s. The T-213 was coming out of Depot in 1959 as so
> indicated by the stencil date on the front panel.
>
> The schematics and parts used are specific to the model in question.
> Why else would they take such time and effort to draw the different
> drawings, AND specify *different* components based on MODEL?
>
> N0DGN

>
> On 9/19/2012 2:29 PM, mac wrote:
> > Whatever... You still can't tell just by looking at the externals of
> > the resistor and the use of a non-inductive unit for the resistor in
> > question would be indicated whatever model was involved. The model
> > suffix letters and TM dates don't change the relevant technical and
> > the engineering issues.
> >
> > Dennis D. W7QHO
> > Glendale, CA
> >
>
>

[Non-text portions of this message have been removed]

# 5365. Re: [T-368_BC-610] Re: 610-I Burning smell on 160

Yahoo group: T-368_BC-610
Date: 2012-09-19 21:07:19 UTC
From: mac
Topic: 5347  Message: 5365

Duh, let me make sure I've got this right: The frequency of a resonant circuit is determined by the resistive component? Wow, I thought L & C were the important parts and R only had something to do with the Q maybe? Now, if your major "R" component is a common WW resistor the inductance that comes along with such wire wounds will affect the resonant frequency WHICH IS WHY YOU SHOULDN'T USE THEM IN RF CIRCUITS!

DD

**********

On Sep 19, 2012, at 12:29 PM, rbethman wrote:

> R9 at 630 Ohms 18W vs R9 at 700 Ohms 16W makes a difference in the
> resonant frequency while CH4 values did NOT change.

[Non-text portions of this message have been removed]

# 5366. Re: [T-368_BC-610] Re: 610-I Burning smell on 160

Yahoo group: T-368_BC-610
Date: 2012-09-19 21:17:12 UTC
From: rbethman
Topic: 5347  Message: 5366

There is an impedance as part of the Resonance calculation.

Impedance IS part of the resonance whether we care to think about it or not.

Whether it is inductive or non-inductive doesn't matter.

The software I use has them both calculated at the same time, even
though I didn't go looking for the Impedance.

Thought you were leaving?

N0DGN
On 9/19/2012 5:07 PM, mac wrote:
>
> Duh, let me make sure I've got this right: The frequency of a resonant
> circuit is determined by the resistive component? Wow, I thought L &
> C were the important parts and R only had something to do with the Q
> maybe? Now, if your major "R" component is a common WW resistor the
> inductance that comes along with such wire wounds will affect the
> resonant frequency WHICH IS WHY YOU SHOULDN'T USE THEM IN RF CIRCUITS!
>
> DD
>
> **********
>

[Non-text portions of this message have been removed]

# 5367. Re: [T-368_BC-610] Re: 610-I Burning smell on 160

Yahoo group: T-368_BC-610
Date: 2012-09-19 21:37:09 UTC
From: mac
Topic: 5347  Message: 5367

All: I rest my case.

Dennis D. W7QHO
Glendale, CA

**********
On Sep 19, 2012, at 2:17 PM, rbethman wrote:

> There is an impedance as part of the Resonance calculation.
>
> Impedance IS part of the resonance whether we care to think about it
> or not.
>
> Whether it is inductive or non-inductive doesn't matter.
>
> The software I use has them both calculated at the same time, even
> though I didn't go looking for the Impedance.
>
> Thought you were leaving?
>
> N0DGN
> On 9/19/2012 5:07 PM, mac wrote:
> >
> > Duh, let me make sure I've got this right: The frequency of a
> resonant
> > circuit is determined by the resistive component? Wow, I thought L &
> > C were the important parts and R only had something to do with the Q
> > maybe? Now, if your major "R" component is a common WW resistor the
> > inductance that comes along with such wire wounds will affect the
> > resonant frequency WHICH IS WHY YOU SHOULDN'T USE THEM IN RF
> CIRCUITS!
> >
> > DD
> >
> > **********
> >

# 5368. Re: 610-I Burning smell on 160

Yahoo group: T-368_BC-610
Date: 2012-09-19 22:45:07 UTC
From: charlie_k3ya
Topic: 5347  Message: 5368

Hello Dennis from N3BQW (my old call)

I was thinking that a plain old "inductive" wire would made more sense in this application. All those resistance wire windings would have considerable inductance and thus it would act as a second choke, with very different characteristics, in parallel with choke ch4. A non inductive resistor with such low resistance would nearly short out ch-4 as far as RF is concerned.

Anyway, I haven't tried it out on 75M yet.

--- In T-368_BC-610@yahoogroups.com, mac <w7qho@...> wrote:
>
> "Certainly" not non-inductive??? You can't tell just by looking at
> it, depends on how the winding of the wire on the ceramic form is
> configured. According to TM 11-281, CH-4 (designated CH-10 in early
> 610 models) is self resonant in the 2 - 3 Mhz range. Just what
> adverse effect this had is not reported. High RF voltage arcing
> across or within the choke could have been one result and PA
> neutralization problems could have been another. In any case the
> engineers chose to resistively load the offending circuit (i.e., lower
> the Q) down to a point where the adverse effects were abated.
> Straightforward solution but since RF is involved the use of a non-
> inductive resistance element would "certainly" be indicated.
> Finally, TM 11-250, 22 June 1943 lists Utah as the manufacturer of
> the majority of the 20 watt resistors used in the B, C and D models.
> All of these resistors carry a Utah 20VWQ type code except for R9
> which is a Utah type X1022. Sure is something special about it and
> I'll put my money on non-inductive.
>
> Dennis D. W7QHO
> Glendale, CA
>
> ***************
> On Sep 19, 2012, at 7:12 AM, rbethman wrote (in part):
>
> > I too have found R9 to be a ceramic coated wire wound resistor.
> >
> > It certainly is not a non-inductive one as has been previously been
> > suggested.
>
>
>
> [Non-text portions of this message have been removed]
>

# 5369. Re: [T-368_BC-610] Re: 610-I Burning smell on 160

Yahoo group: T-368_BC-610
Date: 2012-09-19 23:48:20 UTC
From: wa5cab@cs.com
Topic: 5347  Message: 5369

Bob, what Dennis wrote is correct. There were a lot of cosmetic changes from the E through the I (the T-213/GRC-26 is just an F through I that went through Depot, got an MWO applied, and had its nomenclature administratively changed - not a new transmitter - I owned four of them at one time). The manufacturer's numbers on the various components changed in part because the contractors or contractor's bookeeping changed and some subcontractors got swallowed up or went out of business. But the circuitry that has become the point of contention is, allowing for changes in production methods over the two decades, substantially the same in all models. And the field mod required for operation below 2 MC is the same in all models from HT-4 through T-213 (except that the HT-4 didn't come with a civilian version of either BC-729 or BC-939 because hams didn't use it as a mobile rig).

Robert D.

In a message dated 09/19/2012 13:46:09 PM Central Daylight Time, rbethman@... writes:
> Obviously you aren't interested.
>
> This would be indicated by the "Whatever.....".
>
> Technical and engineering issues indeed change with model changes. The
> specific models have had circuit changes as they progressed. The
> "general" theory did not change, but the specifics did.
>
> Their are significant differences between the B, C, D models and the
> F,G,H, I and T-213s. The T-213 was coming out of Depot in 1959 as so
> indicated by the stencil date on the front panel.
>
> The schematics and parts used are specific to the model in question.
> Why else would they take such time and effort to draw the different
> drawings, AND specify *different* components based on MODEL?
>
> N0DGN
>
> On 9/19/2012 2:29 PM, mac wrote:
> >Whatever... You still can't tell just by looking at the externals of
> >the resistor and the use of a non-inductive unit for the resistor in
> >question would be indicated whatever model was involved. The model
> >suffix letters and TM dates don't change the relevant technical and
> >the engineering issues.
> >
> >Dennis D. W7QHO
> >Glendale, CA
> >

>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 5370. R9

Yahoo group: T-368_BC-610
Date: 2012-09-20 07:30:23 UTC
From: Alan Morriss
Topic: 4741  Message: 5370

hello guys, i do not have a TM for the BC610 , but do know one thing. when i got the almost new looking PA tuning unit for mine , i had a good look at it. R9 was 700 ohms and appeared to be a wirewound vitreous type. this surprised me as i assumed that it would be non inductive.
my original one did not have the resistor , which probably contributed to the failure of the RF choke . however it had worked fine all those years . the tx is an E model. what killed it was operaring on 40 metres CW it high power. alan G4GEN.

[Non-text portions of this message have been removed]

# 5371. Re: [T-368_BC-610] Re: 610-I Burning smell on 160

Yahoo group: T-368_BC-610
Date: 2012-09-20 14:22:00 UTC
From: rbethman
Topic: 5347  Message: 5371

Rest your case on what?

Tuning the Final PA section to Resonance, while indeed being L and C components, Is tuning to the Impedance of the antenna system, which is designed for a narrow frequency range.

Impedance is indeed a "part" of the issue.

Why else is an antenna "Matchbox" used with a generalized antenna system? To match the impedance through another L C Network.

Does it actually "Match" the impedance? No! It takes one impedance input, and presents the output to the generalized non resonant antenna to make it appear to be "matching" the impedance of the antenna system.

Or have all forgotten what the tuning of a final section is doing?

The BC-610 series is specifically designed for a 50 Ohm output.

Please revisit the entirety of tuning for resonance.

N0DGN

On 9/19/2012 5:37 PM, mac wrote:
>
> All: I rest my case.
>
> Dennis D. W7QHO
> Glendale, CA
>
> ****************
>

[Non-text portions of this message have been removed]

# 5372. Re: [T-368_BC-610] R9

Yahoo group: T-368_BC-610
Date: 2012-09-20 14:43:47 UTC
From: Jack Taylor
Topic: 4741  Message: 5372

Where is R9 physically located?

Jack – n7oo

From: Alan Morriss
Sent: Thursday, September 20, 2012 12:30 AM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] R9

hello guys, i do not have a TM for the BC610 , but do know one thing. when i got the almost new looking PA tuning unit for mine , i had a good look at it. R9 was 700 ohms and appeared to be a wirewound vitreous type. this surprised me as i assumed that it would be non inductive.
my original one did not have the resistor , which probably contributed to the failure of the RF choke . however it had worked fine all those years . the tx is an E model. what killed it was operaring on 40 metres CW it high power. alan G4GEN.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5373. Re: [T-368_BC-610] R9

Yahoo group: T-368_BC-610
Date: 2012-09-20 14:55:55 UTC
From: rbethman
Topic: 4741  Message: 5373

R9 is physically located under the PA chassis, in a string of components leading to the air variable PA tuning capacitor.

You'll most likely have to get out a flashlight to be able to locate it, and be able to clearly see it.

You will also see that it is parallel to CH4, and adjacent to two bake-lite encased fixed capacitors.

Bob - N0DGN

On 9/20/2012 10:43 AM, Jack Taylor wrote:
>
> Where is R9 physically located?
>
> Jack -- n7oo
>

[Non-text portions of this message have been removed]

# 5374. Re: [T-368_BC-610] R9

Yahoo group: T-368_BC-610
Date: 2012-09-20 15:21:28 UTC
From: Alan Morriss
Topic: 4741  Message: 5374

hello jack . it is hard to see. the PA split stator tuning capacitor is mounted on a heavy paxolin boaed. under this is the capacitor C11 , resistor R9 and RF choke CH4 .this is of 2.5 mh and with a resistance of 8.5 ohms.when i replaced CH 4 i found it the very devil of a job , lying on my side behind the tx in the shelter.when i got the nice new unit i replaced the lot on advice from bob. it has gone well ever since. alan G4GEN
----- Original Message -----
From: Jack Taylor
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, September 20, 2012 3:43 PM
Subject: Re: [T-368_BC-610] R9

Where is R9 physically located?

Jack – n7oo

From: Alan Morriss
Sent: Thursday, September 20, 2012 12:30 AM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] R9

hello guys, i do not have a TM for the BC610 , but do know one thing. when i got the almost new looking PA tuning unit for mine , i had a good look at it. R9 was 700 ohms and appeared to be a wirewound vitreous type. this surprised me as i assumed that it would be non inductive.
my original one did not have the resistor , which probably contributed to the failure of the RF choke . however it had worked fine all those years . the tx is an E model. what killed it was operaring on 40 metres CW it high power. alan G4GEN.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5375. Re: [T-368_BC-610] R9

Yahoo group: T-368_BC-610
Date: 2012-09-20 15:36:42 UTC
From: Jack Taylor
Topic: 4741  Message: 5375

Thanks to you, I found it! The components on my E model look OK.

Jack – N7oo

From: Alan Morriss
Sent: Thursday, September 20, 2012 8:21 AM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] R9

hello jack . it is hard to see. the PA split stator tuning capacitor is mounted on a heavy paxolin boaed. under this is the capacitor C11 , resistor R9 and RF choke CH4 .this is of 2.5 mh and with a resistance of 8.5 ohms.when i replaced CH 4 i found it the very devil of a job , lying on my side behind the tx in the shelter.when i got the nice new unit i replaced the lot on advice from bob. it has gone well ever since. alan G4GEN
----- Original Message -----
From: Jack Taylor
To: mailto:T-368_BC-610%40yahoogroups.com
Sent: Thursday, September 20, 2012 3:43 PM
Subject: Re: [T-368_BC-610] R9

Where is R9 physically located?

Jack – n7oo

From: Alan Morriss
Sent: Thursday, September 20, 2012 12:30 AM
To: mailto:T-368_BC-610%40yahoogroups.com
Subject: [T-368_BC-610] R9

hello guys, i do not have a TM for the BC610 , but do know one thing. when i got the almost new looking PA tuning unit for mine , i had a good look at it. R9 was 700 ohms and appeared to be a wirewound vitreous type. this surprised me as i assumed that it would be non inductive.
my original one did not have the resistor , which probably contributed to the failure of the RF choke . however it had worked fine all those years . the tx is an E model. what killed it was operaring on 40 metres CW it high power. alan G4GEN.

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5376. Re: [T-368_BC-610] R9

Yahoo group: T-368_BC-610
Date: 2012-09-20 18:39:00 UTC
From: mac
Topic: 4741  Message: 5376

As I pointed out in an earlier e-mail R9 can be wire-wound but still non-inductive. It all has to do with the way the resistance wire winding is configured. Externally can look just like a "normal" WW.

Dennis D. W7QHO
Glendale, CA

**********
On Sep 20, 2012, at 8:21 AM, Alan Morriss wrote:

> hello jack . it is hard to see. the PA split stator tuning capacitor
> is mounted on a heavy paxolin boaed. under this is the capacitor
> C11 , resistor R9 and RF choke CH4 .this is of 2.5 mh and with a
> resistance of 8.5 ohms.when i replaced CH 4 i found it the very
> devil of a job , lying on my side behind the tx in the shelter.when
> i got the nice new unit i replaced the lot on advice from bob. it
> has gone well ever since. alan G4GEN
> ----- Original Message -----
> From: Jack Taylor
> To: T-368_BC-610@yahoogroups.com
> Sent: Thursday, September 20, 2012 3:43 PM
> Subject: Re: [T-368_BC-610] R9
>
> Where is R9 physically located?
>
> Jack ? n7oo
>
> From: Alan Morriss
> Sent: Thursday, September 20, 2012 12:30 AM
> To: T-368_BC-610@yahoogroups.com
> Subject: [T-368_BC-610] R9
>
> hello guys, i do not have a TM for the BC610 , but do know one
> thing. when i got the almost new looking PA tuning unit for mine , i
> had a good look at it. R9 was 700 ohms and appeared to be a
> wirewound vitreous type. this surprised me as i assumed that it
> would be non inductive.
> my original one did not have the resistor , which probably
> contributed to the failure of the RF choke . however it had worked
> fine all those years . the tx is an E model. what killed it was
> operaring on 40 metres CW it high power. alan G4GEN.
>
> [Non-text portions of this message have been removed]
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# 5377. Re: [T-368_BC-610] R9

Yahoo group: T-368_BC-610
Date: 2012-09-21 00:10:56 UTC
From: Joe Foley
Topic: 4741  Message: 5377

Erg!

Can't someone please get this guy a manual,... good thing he has a group like this one to rely on, no telling where he'd get info other wise.

You guys are good,

Joe

--- On Thu, 9/20/12, Alan Morriss <mohawk@clara.co.uk> wrote:

From: Alan Morriss <mohawk@...>
Subject: [T-368_BC-610] R9
To: T-368_BC-610@yahoogroups.com
Date: Thursday, September 20, 2012, 3:30 AM

hello guys, i do not have a TM for the BC610 , but do know one thing. when i got the almost new looking PA tuning unit for mine , i had a good look at it. R9 was 700 ohms and appeared to be a wirewound vitreous type. this surprised me as i assumed that it would be non inductive.

my original one did not have the resistor , which probably contributed to the failure of the RF choke . however it had worked fine all those years . the tx is an E model. what killed it was operaring on 40 metres CW it high power. alan G4GEN.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5378. Re: R9

Yahoo group: T-368_BC-610
Date: 2012-09-21 10:18:51 UTC
From: Jan
Topic: 4741  Message: 5378

Hello Joe
i have sent Alan a mail that there is one in the schelter.
maybe he is now not so many time`s on the yahoogroup but he is reading in the TM hi--- In T-368_BC-610@yahoogroups.com, Joe Foley <redmenaced@...> wrote:
>
> Erg!
>
> Can't someone please get this guy a manual,... good thing he has a group like this one to rely on, no telling where he'd get info other wise.
>
> You guys are good,
>
> Joe
>
>
>
>
> --- On Thu, 9/20/12, Alan Morriss <mohawk@...> wrote:
>
> From: Alan Morriss <mohawk@...>
> Subject: [T-368_BC-610] R9
> To: T-368_BC-610@yahoogroups.com
> Date: Thursday, September 20, 2012, 3:30 AM
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> hello guys, i do not have a TM for the BC610 , but do know one thing. when i got the almost new looking PA tuning unit for mine , i had a good look at it. R9 was 700 ohms and appeared to be a wirewound vitreous type. this surprised me as i assumed that it would be non inductive.
>
> my original one did not have the resistor , which probably contributed to the failure of the RF choke . however it had worked fine all those years . the tx is an E model. what killed it was operaring on 40 metres CW it high power. alan G4GEN.
>
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>
> [Non-text portions of this message have been removed]
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>

# 5379. Re: [T-368_BC-610] Re: R9

Yahoo group: T-368_BC-610
Date: 2012-09-21 13:50:40 UTC
From: rbethman
Topic: 4741  Message: 5379

Hopefully there *is* one in the shelter.

If not, we will have to get him one.

Bob - N0DGN

On 9/21/2012 6:18 AM, Jan wrote:
>
>
> Hello Joe
> i have sent Alan a mail that there is one in the schelter.
> maybe he is now not so many time`s on the yahoogroup but he is reading
> in the TM hi--- In T-368_BC-610@yahoogroups.com
> <mailto:T-368_BC-610%40yahoogroups.com>, Joe Foley <redmenaced@...> wrote:
> >
> > Erg!
> >
> > Can't someone please get this guy a manual,... good thing he has a
> group like this one to rely on, no telling where he'd get info other wise.
> >
> > You guys are good,
> >
> > Joe
> >
>

[Non-text portions of this message have been removed]

# 5380. Re: [T-368_BC-610] Re: 610-I Burning smell on 160

Yahoo group: T-368_BC-610
Date: 2012-09-21 17:09:38 UTC
From: mac
Topic: 5347  Message: 5380

Will probably will work just fine without R9 on 75M and above. R9 is only there to overcome a problem in the 2 - 3 mHz range. Beyond that you can believe whoever/whatever you want. I.m done with this.

Dennis D. W7QHO
Glendale, CA

**********
On Sep 19, 2012, at 3:45 PM, charlie_k3ya wrote:

> Hello Dennis from N3BQW (my old call)
>
> I was thinking that a plain old "inductive" wire would made more
> sense in this application. All those resistance wire windings would
> have considerable inductance and thus it would act as a second
> choke, with very different characteristics, in parallel with choke
> ch4. A non inductive resistor with such low resistance would nearly
> short out ch-4 as far as RF is concerned.
>
>

[Non-text portions of this message have been removed]

# 5381. TM

Yahoo group: T-368_BC-610
Date: 2012-09-22 06:12:41 UTC
From: Alan Morriss
Topic: 5381  Message: 5381

hello guys, well , sorry about the confusion. i have 2 copies of TM11 , one as jan says which came with the SCR399 outfit which we bought from him , and another which i had for my first BC610. i sold this to roger G3VKM and he has done a marvellous job restoring it. what i meant was the base workshop manual . i assume there was such a TM. the TM11 is basically an operating and field maintenance manual . incidentally i am going to pick up my 'new' BC342 which was brought over from holland yesterday , alan G4GEN.

[Non-text portions of this message have been removed]

# 5382. Re: [T-368_BC-610] R9

Yahoo group: T-368_BC-610
Date: 2012-09-23 17:56:15 UTC
From: Ed Zeranski
Topic: 4741  Message: 5382

Interesting thread! I have a NIB 160 meter coil for my BC-610 but there are no warning notes with it. Hope you are feeling better Dennis.

EdZ KG6UTS
BC-610I, Barker and Williamson

As I pointed out in an earlier e-mail R9 can be wire-wound but still non-inductive. It all has to do with the way the resistance wire winding is configured. Externally can look just like a "normal" WW.

Dennis D. W7QHO
Glendale, CA

# 5383. Re: [T-368_BC-610] R9

Yahoo group: T-368_BC-610
Date: 2012-09-23 19:15:42 UTC
From: Mark Foltarz
Topic: 4741  Message: 5383

>no warning notes

heh,  back then radio men knew how to RTFM  !  HI

de KA4JVY

Mark

>_____
> From: Ed Zeranski <edzeranski@...>
>To: T-368_BC-610@yahoogroups.com
>Sent: Sunday, September 23, 2012 1:56 PM
>Subject: Re: [T-368_BC-610] R9
>
>
>
>Interesting thread! I have a NIB 160 meter coil for my BC-610 but there are
>no warning notes with it. Hope you are feeling better Dennis.
>
>EdZ KG6UTS
>BC-610I, Barker and Williamson
>
>As I pointed out in an earlier e-mail R9 can be wire-wound but still
>non-inductive. It all has to do with the way the resistance wire
>winding is configured. Externally can look just like a "normal" WW.
>
>Dennis D. W7QHO
>Glendale, CA
>
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>

[Non-text portions of this message have been removed]

# 5384. Re: [T-368_BC-610] R9

Yahoo group: T-368_BC-610
Date: 2012-09-23 19:31:55 UTC
From: rbethman
Topic: 4741  Message: 5384

Yes sir! And we STILL know how to RTFM!

Thereby we continue being able to read, operate and maintain them.

Bob - N0DGN

On 9/23/2012 3:15 PM, Mark Foltarz wrote:
>
> >no warning notes
>
> heh, back then radio men knew how to RTFM ! HI
>
> de KA4JVY
>
> Mark
>
> >_____
> > From: Ed Zeranski <edzeranski@... <mailto:edzeranski%40cox.net>>
> >To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> >Sent: Sunday, September 23, 2012 1:56 PM
> >Subject: Re: [T-368_BC-610] R9
> >
> >
> >
> >Interesting thread! I have a NIB 160 meter coil for my BC-610 but
> there are
> >no warning notes with it. Hope you are feeling better Dennis.
> >
> >EdZ KG6UTS
> >BC-610I, Barker and Williamson
>

[Non-text portions of this message have been removed]

# 5385. Re: [T-368_BC-610] R9

Yahoo group: T-368_BC-610
Date: 2012-09-24 04:02:05 UTC
From: Ed Zeranski
Topic: 4741  Message: 5385

RTFM ??
Read The F’n Manual??? After 48+ years in the Military comm biz I understand that. Had not planned 160 ops but was given the coil in a trade. The coil itself is still in the military foil stuff inside a box. The manual I have is for GRC-26 so will search for reference to using the coil or operating the I model on 160.
EdZ KG6UTS
>no warning notes

heh, back then radio men knew how to RTFM ! HI

de KA4JVY

Mark

[Non-text portions of this message have been removed]

# 5386. Re: [T-368_BC-610] R9

Yahoo group: T-368_BC-610
Date: 2012-09-24 04:52:28 UTC
From: wa5cab@cs.com
Topic: 4741  Message: 5386

Mark,

The manuals will not of course say anything about operating any model on 160. The modification instructions are in the instructions for using Frequency Conversion Kit MC-509 (1.0-2.0 MC). They are in Change 1 to TM 11-280. They may be in either the final TM 11-281 or in one of the supplements and may be in TM 11-264 but I doubt it as I doubt that MC-509 was used into the Korean War. I don't have the energy to climb into the attic tonight to look.

In a message dated 09/23/2012 23:02:10 PM Central Daylight Time, edzeranski@... writes:
> RTFM ??
> Read The F'n Manual??? After 48+ years in the Military comm biz I
> understand that. Had not planned 160 ops but was given the coil in a trade. The
> coil itself is still in the military foil stuff inside a box. The manual I
> have is for GRC-26 so will search for reference to using the coil or
> operating the I model on 160.
> EdZ KG6UTS
> >no warning notes
>
> heh, back then radio men knew how to RTFM ! HI
>
> de KA4JVY
>
> Mark
>
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 5387. Re: [T-368_BC-610] R9

Yahoo group: T-368_BC-610
Date: 2012-09-24 05:12:46 UTC
From: mac
Topic: 4741  Message: 5387

The modification instructions are included in my TM 11-281 dated March 1945.

Dennis D. W7QHO
Glendale, CA

**********
On Sep 23, 2012, at 9:52 PM, wa5cab@... wrote:

> Mark,
>
> The manuals will not of course say anything about operating any
> model on
> 160. The modification instructions are in the instructions for using
> Frequency Conversion Kit MC-509 (1.0-2.0 MC). They are in Change 1
> to TM 11-280.
> They may be in either the final TM 11-281 or in one of the
> supplements and
> may be in TM 11-264 but I doubt it as I doubt that MC-509 was used
> into the
> Korean War. I don't have the energy to climb into the attic tonight
> to look.
>
> In a message dated 09/23/2012 23:02:10 PM Central Daylight Time,
> edzeranski@... writes:
> > RTFM ??
> > Read The F?n Manual??? After 48+ years in the Military comm biz I
> > understand that. Had not planned 160 ops but was given the coil in
> a trade. The
> > coil itself is still in the military foil stuff inside a box. The
> manual I
> > have is for GRC-26 so will search for reference to using the coil or
> > operating the I model on 160.
> > EdZ KG6UTS
> > >no warning notes
> >
> > heh, back then radio men knew how to RTFM ! HI
> >
> > de KA4JVY
> >
> > Mark
> >
> >
>
> Robert Downs - Houston
> wa5cab dot com (Web Store)

> MVPA 9480
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> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

# 5388. Re: [T-368_BC-610] R9

Yahoo group: T-368_BC-610
Date: 2012-09-24 12:27:41 UTC
From: rbethman
Topic: 4741  Message: 5388

The MC-509 instructions are in TM 11-826.

They are most likely in the earlier TMs.

Bob - N0DGN

On 9/24/2012 12:02 AM, Ed Zeranski wrote:
>
> RTFM ??
> Read The F'n Manual??? After 48+ years in the Military comm biz I
> understand that. Had not planned 160 ops but was given the coil in a
> trade. The coil itself is still in the military foil stuff inside a
> box. The manual I have is for GRC-26 so will search for reference to
> using the coil or operating the I model on 160.
> EdZ KG6UTS
>

[Non-text portions of this message have been removed]

# 5389. Re: [T-368_BC-610] R9

Yahoo group: T-368_BC-610
Date: 2012-09-24 17:01:04 UTC
From: Ed Zeranski
Topic: 4741  Message: 5389

Thanks everyone for the heads up on manual, field change, and rev versions, will go through my manuals again then check BAMA.

EdZ KG6UTS

From: rbethman
Sent: Monday, September 24, 2012 5:27 AM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] R9

The MC-509 instructions are in TM 11-826.

They are most likely in the earlier TMs.

Bob - N0DGN

On 9/24/2012 12:02 AM, Ed Zeranski wrote:
>
> RTFM ??
> Read The F'n Manual??? After 48+ years in the Military comm biz I
> understand that. Had not planned 160 ops but was given the coil in a
> trade. The coil itself is still in the military foil stuff inside a
> box. The manual I have is for GRC-26 so will search for reference to
> using the coil or operating the I model on 160.
> EdZ KG6UTS
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5390. Re: R9

Yahoo group: T-368_BC-610
Date: 2012-09-24 19:07:17 UTC
From: Jan
Topic: 4741  Message: 5390

you can see some photos from the mc-509 on the photos site (mc509)
i have also many coils for 1.5 <> 2mc nos but the are all dry out
--- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@...> wrote:
>
> The MC-509 instructions are in TM 11-826.
>
> They are most likely in the earlier TMs.
>
> Bob - N0DGN
>
> On 9/24/2012 12:02 AM, Ed Zeranski wrote:
> >
> > RTFM ??
> > Read The F'n Manual??? After 48+ years in the Military comm biz I
> > understand that. Had not planned 160 ops but was given the coil in a
> > trade. The coil itself is still in the military foil stuff inside a
> > box. The manual I have is for GRC-26 so will search for reference to
> > using the coil or operating the I model on 160.
> > EdZ KG6UTS
> >
>
>
>
> [Non-text portions of this message have been removed]
>

# 5391. Re: [T-368_BC-610] Re: R9

Yahoo group: T-368_BC-610
Date: 2012-09-24 19:23:39 UTC
From: rbethman
Topic: 4741  Message: 5391

Jan,

You can usually manage to rework the coils.

It depends on what is distorted. By using the waxed nylon string that is used in tying the wiring harness.

My 160 meter coil got out of wack not long after I unpacked it from its foil wrapper. The fixed link became offset, and no longer evenly spaced.

I've got some bamboo strips that I'm going to use to make that concentric once more.

I'm also going to take a careful look at what the brown frame is made of. I may just cut some Phenolic sheet to rework the coils.

Bob - N0DGN

On 9/24/2012 3:07 PM, Jan wrote:
>
>
> you can see some photos from the mc-509 on the photos site (mc509)
> i have also many coils for 1.5 <> 2mc nos but the are all dry out
>

[Non-text portions of this message have been removed]

# 5392. 342

Yahoo group: T-368_BC-610
Date: 2012-09-24 21:12:44 UTC
From: Alan Morriss
Topic: 5392  Message: 5392

hello guys , my nice "new" BC342 is now going a treat. got it home yesterday , and put HT on it via a resistor until the leaakage current dropped to aound 10 ma.this morning i put 70v via a variac in and after a couple of hours slowly worked up to 110 . it now performs faultlessly . of course that is never the end of the story ! pleased as anything i tried the bc 610 , and after a short qso next time no HT . neither in protect or normal . the red light comes on , so i suspect a contact on RY1 . i suppose it keeps you from getting bored ! alan

[Non-text portions of this message have been removed]

# 5393. caps

Yahoo group: T-368_BC-610
Date: 2012-09-25 08:02:48 UTC
From: Alan Morriss
Topic: 5393  Message: 5393

hello steve, you're telling me ! we had to change most of the caps in the 312.what took out the psu in the last 342 was catastrophic capacitor failure when i was out of the shelter working on an external antenna. i saw smoke coming out and hurried in , but it was too late. the psu was in a terrible state from the pitch of the transformer. i have obtained another psu which suffered a similar fate , but the owner spotted it in time. the transformer is being rewound , and i hope to have that rx going this winter. all the caps will have to be done i expect , as it is a dead short on the ht .
that rx is a really beautiful one ,made by farnsworth and looks like new. i replaced the original 342 which came with the SCR399 with it as that one did not look all that good.although i only had to replace the function switch .
we got the outfit from jan and fetched it home from arnhem . i reckon that was one of the best things i have done for years ! alan

[Non-text portions of this message have been removed]

# 5394. 342

Yahoo group: T-368_BC-610
Date: 2012-09-25 11:14:04 UTC
From: Alan Morriss
Topic: 5392  Message: 5394

hello again . just one thing . i was given a tip by jan . use the spare fuse as a safety precaution by routing the HT+ through it , there will be no disaster if a capacitor fails. alan

[Non-text portions of this message have been removed]

# 5395. Re: R9

Yahoo group: T-368_BC-610
Date: 2012-09-25 16:35:36 UTC
From: charlie_k3ya
Topic: 4741  Message: 5395

You may find, as I did, that the 2-3 MHz coil along with a 50pF vacuum cap work better on 160M then the 1.5-2 MHz coil. The Q on the 1.5 MHz coil is pretty low and doesn't give good coupling to the link coil. I could only load my transmitter to 150mA with the link set for maximum coupling and a 50 ohm load. On the other hand the 2MHz coil runs at a higher Q, gives better coupling, and I can run as much power as I want without maxing out the swinging link.

--- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@...> wrote:
>
> Jan,
>
> You can usually manage to rework the coils.
>
> It depends on what is distorted. By using the waxed nylon string that
> is used in tying the wiring harness.
>
> My 160 meter coil got out of wack not long after I unpacked it from its
> foil wrapper. The fixed link became offset, and no longer evenly spaced.
>
> I've got some bamboo strips that I'm going to use to make that
> concentric once more.
>
> I'm also going to take a careful look at what the brown frame is made
> of. I may just cut some Phenolic sheet to rework the coils.
>
> Bob - N0DGN
>
> On 9/24/2012 3:07 PM, Jan wrote:
> >
> >
> > you can see some photos from the mc-509 on the photos site (mc509)
> > i have also many coils for 1.5 <> 2mc nos but the are all dry out
> >
>
>
>
> [Non-text portions of this message have been removed]
>

# 5396. Re: [T-368_BC-610] Re: R9

Yahoo group: T-368_BC-610
Date: 2012-09-25 17:14:28 UTC
From: rbethman
Topic: 4741  Message: 5396

I have looked, and I do NOT have a 2 to 3 MC PA Coil. Although I do
have that TU.

I managed to get that TU to go down to 1.6MC by adding a fixed disc cap
in parallel with the internal air variables.

The specifics are:

a 100 Pfd silver mica across each vari cap in each section of the tuner( TU-47).

Bob - N0DGN

On 9/25/2012 12:35 PM, charlie_k3ya wrote:
>
> You may find, as I did, that the 2-3 MHz coil along with a 50pF vacuum
> cap work better on 160M then the 1.5-2 MHz coil. The Q on the 1.5 MHz
> coil is pretty low and doesn't give good coupling to the link coil. I
> could only load my transmitter to 150mA with the link set for maximum
> coupling and a 50 ohm load. On the other hand the 2MHz coil runs at a
> higher Q, gives better coupling, and I can run as much power as I want
> without maxing out the swinging link.
>
> --- In T-368_BC-610@yahoogroups.com
> <mailto:T-368_BC-610%40yahoogroups.com>, rbethman <rbethman@...> wrote:
> >
> > Jan,
> >
> > You can usually manage to rework the coils.
> >
> > It depends on what is distorted. By using the waxed nylon string that
> > is used in tying the wiring harness.
> >
> > My 160 meter coil got out of wack not long after I unpacked it from its
> > foil wrapper. The fixed link became offset, and no longer evenly spaced.
> >
> > I've got some bamboo strips that I'm going to use to make that
> > concentric once more.
> >
> > I'm also going to take a careful look at what the brown frame is made
> > of. I may just cut some Phenolic sheet to rework the coils.
> >
> > Bob - N0DGN
> >
> > On 9/24/2012 3:07 PM, Jan wrote:
> > >
> > >

> > > you can see some photos from the mc-509 on the photos site (mc509)
> > > i have also many coils for 1.5 <> 2mc nos but the are all dry out
> > >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>

[Non-text portions of this message have been removed]

# 5397. BC610

Yahoo group: T-368_BC-610
Date: 2012-09-26 17:06:34 UTC
From: Alan Morriss
Topic: 4221  Message: 5397

hello guys, does anyone have a spare RY5 for the BC610 ? cheers , alan G4GEN

[Non-text portions of this message have been removed]

# 5398. Re: BC610

Yahoo group: T-368_BC-610
Date: 2012-09-27 06:31:26 UTC
From: Roger Basford
Topic: 4221  Message: 5398

What's the problem with the present relay 5, Alan?

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello guys, does anyone have a spare RY5 for the BC610 ? cheers , alan G4GEN
>
> [Non-text portions of this message have been removed]
>

# 5399. Re: [T-368_BC-610] Re: BC610

Yahoo group: T-368_BC-610
Date: 2012-09-27 07:43:35 UTC
From: Alan Morriss
Topic: 4221  Message: 5399

hello roger. there is no ht although the red light comes on . checking , no continuity between centre tap and ground . this goes through the winding of rl5. i am going to have a good look when we get the truck into the shed .
maybe the connection is duff, but the winding is a better bet. i will probably get it rewound . cheers, alan
----- Original Message -----
From: Roger Basford
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, September 27, 2012 7:31 AM
Subject: [T-368_BC-610] Re: BC610

What's the problem with the present relay 5, Alan?

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello guys, does anyone have a spare RY5 for the BC610 ? cheers , alan G4GEN
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 5400. Re: BC610

Yahoo group: T-368_BC-610
Date: 2012-09-27 08:07:20 UTC
From: Roger Basford
Topic: 4221  Message: 5400

OK Alan,

There is a procedure to adjusting RY5 to get the correct trip current value (page 98 of TM-11 826 covers this) by altering the armature spring tension using a battery, meter and potentiometer. I would be careful to ensure that a rewind doesn't compromise the trip current to the extent that you can't get full anode current, especially if using a modern metric wire gauge.

I have found it very difficult to get my RY5 to trip in service as I run the BC-610 from a 110V site transformer and don't get off-resonance HV plate current over 400ma. However, it did trip when I had an 866 flash-over, so it is working.

Does the HV come on if you short the RY5 terminals? (On HV protect for safety)?

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello roger. there is no ht although the red light comes on . checking , no continuity between centre tap and ground . this goes through the winding of rl5. i am going to have a good look when we get the truck into the shed .
> maybe the connection is duff, but the winding is a better bet. i will probably get it rewound . cheers, alan
> ----- Original Message -----
> From: Roger Basford
> To: T-368_BC-610@yahoogroups.com
> Sent: Thursday, September 27, 2012 7:31 AM
> Subject: [T-368_BC-610] Re: BC610
>
>
>
> What's the problem with the present relay 5, Alan?
>
> Roger/G3VKM
>
> --- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@> wrote:
> >
> > hello guys, does anyone have a spare RY5 for the BC610 ? cheers , alan G4GEN
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>

>
>
> [Non-text portions of this message have been removed]
>

# 5401. BC312

Yahoo group: T-368_BC-610
Date: 2012-10-04 14:50:55 UTC
From: Alan Morriss
Topic: 5401  Message: 5401

hello guys, does anyone have one of those rotary fasteners for securing the BC312 0r 342 into the cabinet. the nice 342 which i just got is missing one. alan G4GEN

[Non-text portions of this message have been removed]

# 5402. FS item

Yahoo group: T-368_BC-610
Date: 2012-10-05 17:02:20 UTC
From: Larry Godek
Topic: 5402  Message: 5402

I have a couple of fixed link tank coils which i believe are for the BC-610 (?). They cover the range of 2.0 to 3.5 Mc, coil # C-387-B by EF Johnson. Both of these are like new, no cracking or destroyed plastic coil forms. Nice shiny copper looking winding. Two off them came out of the box which was deteriorated quite badly but the inner wrapping was still sealedl!. They indeed do look like they are brand new items. In my haste to get them out of the wrappings i acted like a kid at Xmas time and tore the sealed package rather than cutting it open along the seal line. Well i was a kid once and do remember doing things like that.

Anyone interested? I also have numerous tuning units but alas, no BC-610 to use them in. More than likely within the next couple of years they will end up in the dump as i'm trying to clean out the garage-storage shed-spare bedroom. If no one wants the stuff there is no reason for me to keep it. Sad but the reality of life.

Larry
W0OGH

[Non-text portions of this message have been removed]

# 5403. Re: [T-368_BC-610] FS item

Yahoo group: T-368_BC-610
Date: 2012-10-06 00:20:18 UTC
From: Gary Pewitt
Topic: 5402  Message: 5403

Larry, what are you asking for them? I am putting together a BC-610 and could use them. Thanks Gary N9ZSV

On 10/5/2012 12:02 PM, Larry Godek wrote:
>
> I have a couple of fixed link tank coils which i believe are for the
> BC-610 (?). They cover the range of 2.0 to 3.5 Mc, coil # C-387-B by
> EF Johnson. Both of these are like new, no cracking or destroyed
> plastic coil forms. Nice shiny copper looking winding. Two off them
> came out of the box which was deteriorated quite badly but the inner
> wrapping was still sealedl!. They indeed do look like they are brand
> new items. In my haste to get them out of the wrappings i acted like
> a kid at Xmas time and tore the sealed package rather than cutting it
> open along the seal line. Well i was a kid once and do remember doing
> things like that.
>
> Anyone interested? I also have numerous tuning units but alas, no
> BC-610 to use them in. More than likely within the next couple of
> years they will end up in the dump as i'm trying to clean out the
> garage-storage shed-spare bedroom. If no one wants the stuff there is
> no reason for me to keep it. Sad but the reality of life.
>
> Larry
> W0OGH
>
> [Non-text portions of this message have been removed]
>
>

--
Gary Pewitt N9ZSV
1500 French Prairie Rd
Booneville, AR 72927

[Non-text portions of this message have been removed]

# 5404. T-3 Sidetone

Yahoo group: T-368_BC-610
Date: 2012-10-28 23:50:32 UTC
From: Ron.K3PID
Topic: 5404  Message: 5404

I don’t suppose anyone has a simple way to get the sidetone from my T-3 to play thru my headphones on my R-390.....????? Something short of another switch to throw...

73 K3PID Ron H.

[Non-text portions of this message have been removed]

# 5405. Re: [SPAM] 10.1 [T-368_BC-610] T-3 Sidetone

Yahoo group: T-368_BC-610
Date: 2012-10-29 02:07:24 UTC
From: Mark J. Blair
Topic: 5404  Message: 5405

On Oct 28, 2012, at 16:50 , Ron.K3PID <ron.k3pid@...> wrote:
> I don’t suppose anyone has a simple way to get the sidetone from my T-3 to play thru my headphones on my R-390.....????? Something short of another switch to throw…

I've contemplated the same thing, though I haven't tried it yet. I think that the two most obvious choices would be to either mix the R-390A audio and the sidetone externally with an outboard device, or inject the sidetone into an R-390A audio stage. I wonder if it would be tricky to get the sidetone volume to roughly match the receiver audio volume as signal conditions and the volume knob are changed?

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 5406. Re: [T-368_BC-610] T-3 Sidetone

Yahoo group: T-368_BC-610
Date: 2012-10-29 12:08:09 UTC
From: Ken Schwieker
Topic: 5404  Message: 5406

Something that would work is a small audio
transformer with one winding to match the R-390
audio out, another winding to match the T-3
sidetone out and a third to match the headphone
impedance. I would think matching would not be
critical. If all are 600 ohms a typical phone
patch transformer should do. A volume adjust pad
to be able to adjust the sidetone or receiver out
volume whichever is normally higher (or both) would be good.

Ken S

At 06:50 PM 10/28/2012, you wrote:
>
>
>I donâ☐☐t suppose anyone has a simple way to get
>the sidetone from my T-3 to play thru my
>headphones on my R-390.....????? Something short of another switch to throw...
>
>73 K3PID Ron H.
>
>[Non-text portions of this message have been removed]
>
>
>
>No virus found in this message.
>Checked by AVG - <http://www.avg.com>www.avg.com
>Version: 2013.0.2742 / Virus Database: 2617/5855 - Release Date: 10/26/12

[Non-text portions of this message have been removed]

# 5407. Re: [T-368_BC-610] T-3 Sidetone

Yahoo group: T-368_BC-610
Date: 2012-10-29 20:55:44 UTC
From: Ron.K3PID
Topic: 5404  Message: 5407

Well color me stupid! My father would have given me you know what! Pin H on the remote plug ( T-368, J-12) is sidetone out...and...what for it.... pin H on the remote plug (R-390, J105) is sidetone IN... it is coupled directly to the headphone jack & the local audio output of T-602 in the R-390. If you don't have the mating plug for J105 on the R-390, it can also go to pin 6 of the J102 terminal strip....

Whew! Sorry Dad!
K3PID Ron H.

-----Original Message-----
From: Ron.K3PID
Sent: Sunday, October 28, 2012 6:50 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] T-3 Sidetone

I don’t suppose anyone has a simple way to get the sidetone from my T-3 to play thru my headphones on my R-390.....????? Something short of another switch to throw...

73 K3PID Ron H.

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

# 5408. BC 312-342-344 front panel turn fastner

Yahoo group: T-368_BC-610
Date: 2012-11-12 15:02:46 UTC
From: Thekan, Paul
Topic: 4438  Message: 5408

A while back , and I think it was Mr Morriss , someone needed the turn fastener for the front of one of the aforementioned receivers. I have one if still needed.

Paul
N6FEG

---
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Alan Morriss
Sent: Thursday, September 13, 2012 2:06 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] reply

thanks a lot paul. i think that underwood also made them. one day one will come my way ! we may have a film with the truck next year, and it would be nice if i could get one before then . if the worst comes to the worst i may be able to borrow one. cheers, alan

[Non-text portions of this message have been removed]

---

This message, including any attachments, may include privileged,
confidential and/or inside information. Any distribution or use of this
communication by anyone other than the intended recipient(s) is strictly
prohibited and may be unlawful. If you are not the intended recipient,
please notify the sender by replying to this message and then delete it from your system.

[Non-text portions of this message have been removed]

# 5409. fastener

Yahoo group: T-368_BC-610
Date: 2012-11-12 16:49:08 UTC
From: Alan Morriss
Topic: 5409  Message: 5409

hello paul , yes , i do still need one for my BC312. i will pay what you like for it , or perhaps you want something which i can get over here. cheers , alan G4GEN

[Non-text portions of this message have been removed]

# 5410. RE: [T-368_BC-610] fastener

Yahoo group: T-368_BC-610
Date: 2012-11-12 17:03:17 UTC
From: Thekan, Paul
Topic: 5409  Message: 5410

Hi Alan

It's yours gratis, happy to help. Send me the address there in the UK you want it sent to.

Paul
N6FEG

---
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Alan Morriss
Sent: Monday, November 12, 2012 8:49 AM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] fastener

hello paul , yes , i do still need one for my BC312. i will pay what you like for it , or perhaps you want something which i can get over here. cheers , alan G4GEN

[Non-text portions of this message have been removed]

---

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[Non-text portions of this message have been removed]

# 5411. fastener

Yahoo group: T-368_BC-610
Date: 2012-11-22 13:29:37 UTC
From: Alan Morriss
Topic: 5409  Message: 5411

hello paul , the fastener arrived this morning and is now in the set. thanks a lot. please let me know if there is ever anything you want from this side of the pond. alan G4GEN

[Non-text portions of this message have been removed]

# 5412. Re: [T-368_BC-610] fastener

Yahoo group: T-368_BC-610
Date: 2012-11-23 02:42:26 UTC
From: Harold Hairston
Topic: 5409  Message: 5412

Alan;

Just read your Email re Fasteners. Some months back I was desperate for some of the fasteners that secure the back cover to the T-368 cabinet. I wonder if these are the same fasteners mentioned in your message????

Harold

----- Original Message -----
From: Alan Morriss
To: T-368_BC-610@yahoogroups.com
Sent: Thursday, November 22, 2012 8:29 AM
Subject: [T-368_BC-610] fastener

hello paul , the fastener arrived this morning and is now in the set. thanks a lot. please let me know if there is ever anything you want from this side of the pond. alan G4GEN

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5413. fastener

Yahoo group: T-368_BC-610
Date: 2012-11-23 09:09:04 UTC
From: Alan Morriss
Topic: 5409  Message: 5413

hello harold, no , sorry . what i was after was a fastener for the BC342 receiver. now i have it ! i made some fasteners for the BC610 back panel , but i would still like a few original ones as i only have 3 . you just have to keep looking. although, saying that , i have been looking for a typewriter for the SCR399 without success for some years ! alan G4GEN

[Non-text portions of this message have been removed]

# 5414. Re: [T-368_BC-610] fastener

Yahoo group: T-368_BC-610
Date: 2012-11-23 15:21:47 UTC
From: Harold Hairston
Topic: 5409  Message: 5414

Hello, Alan;
Thanks anyway. I remember seeing one of your "Wanted" ads for the typewriter. Maybe the both of us will succed one day.

'73,

Harold
----- Original Message -----
From: Alan Morriss
To: T-368_BC-610@yahoogroups.com
Sent: Friday, November 23, 2012 4:09 AM
Subject: [T-368_BC-610] fastener

hello harold, no , sorry . what i was after was a fastener for the BC342 receiver. now i have it ! i made some fasteners for the BC610 back panel , but i would still like a few original ones as i only have 3 . you just have to keep looking. although, saying that , i have been looking for a typewriter for the SCR399 without success for some years ! alan G4GEN

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5415. Noob question on HV Breaker/arcing

Yahoo group: T-368_BC-610
Date: 2012-12-05 17:34:30 UTC
From: cosmo224
Topic: 5415  Message: 5415

Hello all
I have a B&W T3-C that I picked up several years ago and I have finally been doing some work to put it on the air. When I got it originally, it put out power in the 400 watt range. Due to other distractions I did not get to fire it up until recently.
When I recently tested into the ME165 meter/dummy load, the PO was around 200 watts so I went through a tune up cycle.
Now, when I key down, the HV breaker trips. So wondering if this is an arcing issue? Is there a good first place to check? This morning I decided to let the rig do a burn in so let it run for an hour with only filament voltage on then turned on the plate and just let it run/idle to burn out the cobwebs. Any thoughts or input would be appreciated.
73 de AA9IL
Mike

# 5416. Re: [T-368_BC-610] Noob question on HV Breaker/arcing

Yahoo group: T-368_BC-610
Date: 2012-12-06 00:02:36 UTC
From: Joe Foley
Topic: 5415  Message: 5416

YES!!

Go to the files section on this list and read the "start-up" notes.

Clean, clean, clean.

Check the HV wiring for cracks.

Check the spark gap on the big capacitors on the power supple deck.

Check that the main tuning agrees with the power amp tuning.

Check all of the interlocks, the wires going to the interlocks and the function of the lock itself.

Ask more questions,

Joe

--- On Wed, 12/5/12, cosmo224 <aa9il@...> wrote:

From: cosmo224 <aa9il@...>
Subject: [T-368_BC-610] Noob question on HV Breaker/arcing
To: T-368_BC-610@yahoogroups.com
Date: Wednesday, December 5, 2012, 12:34 PM

Hello all

I have a B&W T3-C that I picked up several years ago and I have

finally been doing some work to put it on the air. When I got

it originally, it put out power in the 400 watt range. Due to other

distractions I did not get to fire it up until recently.

When I recently tested into the ME165 meter/dummy load, the PO

was around 200 watts so I went through a tune up cycle.

Now, when I key down, the HV breaker trips. So wondering

if this is an arcing issue? Is there a good first place

to check? This morning I decided to let the rig do a burn

in so let it run for an hour with only filament voltage on

then turned on the plate and just let it run/idle to burn

out the cobwebs. Any thoughts or input would be appreciated.

73 de AA9IL

Mike

[Non-text portions of this message have been removed]

# 5417. Happy Dance - was Noob question on HV Breaker/arcing

Yahoo group: T-368_BC-610
Date: 2012-12-07 01:29:00 UTC
From: aa9il@sbcglobal.net
Topic: 5415  Message: 5417

Hello
Thanks to Mac and Joe for their input - The rig will get a general checkup
for cracked wires, oil, etc (and some new bearings for the fan)
The fix came from Mac W7QHO who gave me the working stats
for his T3 in terms of PA current at key down durning TUNE/OPERATE.
I originally tuned my rig to 150 ma PA current and now I backed
the loading down to where the current was just around 100 ma in
the TUNE setting.
On keydown, the power was just under 400 watts - I tried some
different load values and at one point I was above 400 watts
but am ok now just above 375 watts and no circuit breaker/overload
tripping.  Next up - audio mods to take the clipper and a couple
filters out of the talk path.

Thx es 73
Mike
AA9IL

--- On Wed, 12/5/12, Joe Foley <redmenaced@...> wrote:

From: Joe Foley <redmenaced@...>
Subject: Re: [T-368_BC-610] Noob question on HV Breaker/arcing
To: T-368_BC-610@yahoogroups.com
Date: Wednesday, December 5, 2012, 6:02 PM

YES!!

Go to the files section on this list and read the "start-up" notes.

Clean, clean, clean.

Check the HV wiring for cracks.

Check the spark gap on the big capacitors on the power supple deck.

Check that the main tuning agrees with the power amp tuning.

Check all of the interlocks, the wires going to the interlocks and the function of the lock itself.

Ask more questions,

Joe

--- On Wed, 12/5/12, cosmo224 <aa9il@...> wrote:

From: cosmo224 <aa9il@...>
Subject: [T-368_BC-610] Noob question on HV Breaker/arcing

To: T-368_BC-610@yahoogroups.com
Date: Wednesday, December 5, 2012, 12:34 PM

Hello all

I have a B&W T3-C that I picked up several years ago and I have

finally been doing some work to put it on the air. When I got

it originally, it put out power in the 400 watt range. Due to other

distractions I did not get to fire it up until recently.

When I recently tested into the ME165 meter/dummy load, the PO

was around 200 watts so I went through a tune up cycle.

Now, when I key down, the HV breaker trips. So wondering

if this is an arcing issue? Is there a good first place

to check? This morning I decided to let the rig do a burn

in so let it run for an hour with only filament voltage on

then turned on the plate and just let it run/idle to burn

out the cobwebs. Any thoughts or input would be appreciated.

73 de AA9IL

Mike

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5418. T-3 Final tuning issues

Yahoo group: T-368_BC-610
Date: 2012-12-28 01:32:27 UTC
From: k3pid
Topic: 5418  Message: 5418

OK, My T-3 will load nicely into a dummy load ( 50 ohms ) on 40 meters ( 6.0 - 11.0 )with a well defined dip and easily set loading. All the numbers work out right but I can't get a good resonance on 80 meters ( 3.0 - 6.0 ) into dummy load. The tuning dip is fuzzy at best and outside the chart limits. Any first thoughts? I am assuming the a 50 ohm load is correct...

Ron H. K3PID

# 5419. Re: [T-368_BC-610] T-3 Final tuning issues

Yahoo group: T-368_BC-610
Date: 2012-12-28 02:58:26 UTC
From: mac
Topic: 5418  Message: 5419

Ron,

Are you getting your "fuzzy dip" while still in the TUNE position or after you switch to operate? Know the book says to adjust first for 150ma dipped PA current with the switch in the TUNE position but that's too much in my experience with a pair of these beasts. Can't get that much PA current in TUNE with my "Basic", in fact, and I just helped another fellow who was starting out at 150MA and then consistently kicking his breakers when he tried to switch to OPERATE.

I start out at 80-90 ma dipped in TUNE and then switch to OPERATE which gives me abut 200 ma PA current and 350 watts out. I then touch up the loading to the output to I want (keeping the PA dipped of course). Check your grid current along the way too, of course.

Dennis D. W7QHO
Glendale, CA

**********
On Dec 27, 2012, at 5:32 PM, k3pid wrote:

> All the numbers work out right but I can't get a good resonance on
> 80 meters ( 3.0 - 6.0 ) into dummy load. The tuning dip is fuzzy at
> best and outside the chart limits.

[Non-text portions of this message have been removed]

# 5420. Re: [T-368_BC-610] T-3 Final tuning issues

Yahoo group: T-368_BC-610
Date: 2012-12-28 15:24:33 UTC
From: Ron.K3PID
Topic: 5418  Message: 5420

I can't get a decent dip for the 3.0-6.0 band position in the tune mode Mac.
I haven't ventured to the operate mode without getting reasonable numbers in
tune...

Ron H. K3PID

-----Original Message-----
From: mac
Sent: Thursday, December 27, 2012 8:58 PM
To: k3pid
Cc: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] T-3 Final tuning issues

Ron,

Are you getting your "fuzzy dip" while still in the TUNE position or
after you switch to operate? Know the book says to adjust first for
150ma dipped PA current with the switch in the TUNE position but
that's too much in my experience with a pair of these beasts. Can't
get that much PA current in TUNE with my "Basic", in fact, and I just
helped another fellow who was starting out at 150MA and then
consistently kicking his breakers when he tried to switch to OPERATE.

I start out at 80-90 ma dipped in TUNE and then switch to OPERATE
which gives me abut 200 ma PA current and 350 watts out. I then touch
up the loading to the output to I want (keeping the PA dipped of
course). Check your grid current along the way too, of course.

Dennis D. W7QHO
Glendale, CA

**********
On Dec 27, 2012, at 5:32 PM, k3pid wrote:

> All the numbers work out right but I can't get a good resonance on
> 80 meters ( 3.0 - 6.0 ) into dummy load. The tuning dip is fuzzy at
> best and outside the chart limits.

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

# 5421. Re: [T-368_BC-610] T-3 Final tuning issues

Yahoo group: T-368_BC-610
Date: 2012-12-28 16:50:17 UTC
From: Ron.K3PID
Topic: 5418  Message: 5421

OK Mac, I tried with a lower value and got a reasonably sharp dip with 90 - 100 ma in tune and that translated to about 300 ma in operate ( CW on 3570 kHz ). Is this a function of the 4-400 internal capacitance? What are your thoughts on a possible cause?

Thanks for the help!
Ron K3PID

# 5422. Re: [T-368_BC-610] T-3 Final tuning issues

Yahoo group: T-368_BC-610
Date: 2012-12-28 20:48:28 UTC
From: mac
Topic: 5418  Message: 5422

Good question. Probably nothing to do with the inter-electrode capacitance values in your 4-400. More likely a function of your line voltage, the model number of your PS (later versions put out higher voltages and a lot of drawer swapping apparently took place at the military maintenance depots), whether or not you're using 3B28s or the later solid state replacements, and drift in the value of the big dropping resistor down in your PS that's cut in when you go into the TUNE mode. I ran mine for years before I got a look at how the military did it. Just tuned it up like any other medium powered class C amplifier which is what it is. I run mine on phone almost exclusively, BTW.

How much power are you getting out at 300ma? Do you have the companion ME-165? Very useful accessory.

Dennis D. W7QHO
Glendale, CA

**********
On Dec 28, 2012, at 8:50 AM, Ron.K3PID wrote:

>
> OK Mac, I tried with a lower value and got a reasonably sharp dip
> with 90 -
> 100 ma in tune and that translated to about 300 ma in operate ( CW
> on 3570
> kHz ). Is this a function of the 4-400 internal capacitance? What
> are your
> thoughts on a possible cause?
>
> Thanks for the help!
> Ron K3PID
>
>

[Non-text portions of this message have been removed]

# 5423. Somebody grab this!

Yahoo group: T-368_BC-610
Date: 2012-12-29 17:40:00 UTC
From: Joe Foley
Topic: 5418  Message: 5423

321045161277

You know where!

Joe

[Non-text portions of this message have been removed]

# 5424. Re: [T-368_BC-610] Somebody grab this!

Yahoo group: T-368_BC-610
Date: 2012-12-29 18:39:57 UTC
From: wrl@gwltd.com
Topic: 5418  Message: 5424

Seems like a lot to pay for a copy?

On 29.12.2012 11:40, Joe Foley
wrote:

> 321045161277
>
> You know where!
>
> Joe
>
> [Non-text
portions of this message have been removed]
>
>

Links:
------
[1]
http://groups.yahoo.com/group/T-368_BC-610/post;_ylc=X3oDMTJvY3BpNHF0BF9TAzk3MzU5NzE0BGdyc
ElkAzI3Njk0NgRncnBzcElkAzE3MDUwMzQ2OTAEbXNnSWQDNTQyMwRzZWMDZnRyBHNsawNycGx5BHN0aW1lAzEzNTY
4MDI4MDM-?act=reply&messageNum=5423
[2]
http://groups.yahoo.com/group/T-368_BC-610/post;_ylc=X3oDMTJkOTBxa2JuBF9TAzk3MzU5NzE0BGdyc
ElkAzI3Njk0NgRncnBzcElkAzE3MDUwMzQ2OTAEc2VjA2Z0cgRzbGsDbnRwYwRzdGltZQMxMzU2ODAyODAz
[3]
http://groups.yahoo.com/group/T-368_BC-610/message/5418;_ylc=X3oDMTMzNW9ta2diBF9TAzk3MzU5N
zE0BGdycElkAzI3Njk0NgRncnBzcElkAzE3MDUwMzQ2OTAEbXNnSWQDNTQyMwRzZWMDZnRyBHNsawN2dHBjBHN0aW1
lAzEzNTY4MDI4MDMEdHBjSWQDNTQxOA--
[4]
http://groups.yahoo.com/group/T-368_BC-610/members;_ylc=X3oDMTJlZGYxazlyBF9TAzk3MzU5NzE0BG
dycElkAzI3Njk0NgRncnBzcElkAzE3MDUwMzQ2OTAEc2VjA3Z0bARzbGsDdm1icnMEc3RpbWUDMTM1NjgwMjgwMw--
?o=6
[5]
http://groups.yahoo.com/group/T-368_BC-610;_ylc=X3oDMTJkbm8xYmtsBF9TAzk3MzU5NzE0BGdycElkAz
I3Njk0NgRncnBzcElkAzE3MDUwMzQ2OTAEc2VjA3Z0bARzbGsDdmdocARzdGltZQMxMzU2ODAyODAz
[6]
http://groups.yahoo.com/;_ylc=X3oDMTJjdWIybnBmBF9TAzk3MzU5NzE0BGdycElkAzI3Njk0NgRncnBzcElk
AzE3MDUwMzQ2OTAEc2VjA2Z0cgRzbGsDZ2ZwBHN0aW1lAzEzNTY4MDI4MDM-
[7]
http://docs.yahoo.com/info/terms/

[Non-text portions of this message have been removed]

# 5425. Re: [T-368_BC-610] Somebody grab this!

Yahoo group: T-368_BC-610
Date: 2012-12-29 18:55:12 UTC
From: rbethman
Topic: 5418  Message: 5425

Especially since the settings for the BC-939 are both in the manual AND
on the cards located in the pocket on the front of the transmitter.

What happened with the T-368 and the TN-339? Everyone suddenly get NOT
smart?

Bob - N0DGN

On 12/29/2012 1:39 PM, wrl@... wrote:
>
>
>
> Seems like a lot to pay for a copy?
>
> On 29.12.2012 11:40, Joe Foley
> wrote:
>
> > 321045161277
> >
> > You know where!
> >
> > Joe
> >
>

[Non-text portions of this message have been removed]

# 5426. Re: [T-368_BC-610] Somebody grab this!

Yahoo group: T-368_BC-610
Date: 2012-12-29 19:20:07 UTC
From: Mark J. Blair
Topic: 5418  Message: 5426

On Dec 29, 2012, at 10:55 , rbethman <rbethman@...> wrote:
> Especially since the settings for the BC-939 are both in the manual AND
> on the cards located in the pocket on the front of the transmitter.

My T-368C is missing the tuning chart cards and the metal pocket (mounting holes for it are on the side of the radio), as well as the T-shaped hex wrench that fits in the clips in one of the handle cutouts. I would like to find originals for all of those one of these days. I bought a T_shaped hex wrench from my favorite industrial supplier, but its handle is much too wide to fit in the storage area.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 5427. New to the group

Yahoo group: T-368_BC-610
Date: 2012-12-29 19:46:28 UTC
From: Dangerous Don
Topic: 5427  Message: 5427

Hello All:

My name is Don and my call is WC4D. I'm new to the group but I've enjoyed looking at photos and reading post. I am new to AM also. I started into it this summer and I have a Viking ll as my starting radio, but I wanted more output and I ran into a deal for the B/W T 368C I have now. I've not yet to fire it up as I'm reading and learning as much as I can about it before putting it on the air. I know it's in working order and ready to go,so it's just getting some wiring done to feed the beast and getting my R 390A read to recieve. I know if I have any problems that I can come here and find some help and that's always good to know. I hope to work as many as I can of your and and catch you on the AM nets ..

73 Don WC4D .. Happy New Year

# 5428. Re: [T-368_BC-610] New to the group

Yahoo group: T-368_BC-610
Date: 2012-12-29 20:33:36 UTC
From: Mark J. Blair
Topic: 5427  Message: 5428

Welcome to the group! The T-368C and R-390A are a great pair of radios for AM operations.

--
Mark J. Blair, NF6X <nf6x@...>
Web page: http://www.nf6x.net/

On Dec 29, 2012, at 11:46, "Dangerous Don" <wc4don@...> wrote:

> Hello All:
>
> My name is Don and my call is WC4D. I'm new to the group but I've enjoyed looking at photos and reading post. I am new to AM also. I started into it this summer and I have a Viking ll as my starting radio, but I wanted more output and I ran into a deal for the B/W T 368C I have now. I've not yet to fire it up as I'm reading and learning as much as I can about it before putting it on the air. I know it's in working order and ready to go,so it's just getting some wiring done to feed the beast and getting my R 390A read to recieve. I know if I have any problems that I can come here and find some help and that's always good to know. I hope to work as many as I can of your and and catch you on the AM nets ..
>
> 73 Don WC4D .. Happy New Year
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 5429. Tuning tables - charts - graphs T-368

Yahoo group: T-368_BC-610
Date: 2012-12-29 20:55:59 UTC
From: rbethman
Topic: 5429  Message: 5429

Those that need the items mentioned in the subject, go to Edebris and download TM 11-809.

All of these are in this manual and begin on page 19.

Bob - N0DGN

# 5430. New Member Intro.

Yahoo group: T-368_BC-610
Date: 2012-12-30 16:14:02 UTC
From: Jim DiMauro
Topic: 5430  Message: 5430

Hello All:

I recently joined the group with the hope that I will learn enough about the BC-610 to make intelligent decisions regarding purchase, restoration and operation. My bio can be found on QRZ.com, so I won't repeat it here.

My interest in the BC-610 is a personal one: my father served as a radioman in the Army Air Force during WWII. He served in the Pacific Theater and operated the BC-610. He'd mention the beast every so often, and usually in the context of how difficult it was to keep it running in the tropical climate. Anyway, I'd like very much to get one of those units and put it on the air in remembrance of my father.

One thing I'd like to know is what version of the radio he might have used. Dad is gone now, and by the time I got around to showing him photos of the two main variants of the radio his mind was too far gone to remember. I'm hoping to get one that physically looked like the one he would have used: the earlier A thru E suffix units or possibly the F and later models.

[Non-text portions of this message have been removed]

# 5431. New Member Intro.

Yahoo group: T-368_BC-610
Date: 2012-12-30 16:32:30 UTC
From: Jim DiMauro
Topic: 5430  Message: 5431

Hello All:

Sorry, I hit send by mistake before the message was finished.

I recently joined the group with the hope that I will learn enough about the BC-610 to make intelligent decisions regarding purchase, restoration and operation. My bio can be found on QRZ.com, so I won't repeat it here.

My interest in the BC-610 is a personal one: my father served as a radioman in the Army Air Force during WWII. He served in the Pacific Theater and operated the BC-610. He'd mention the beast every so often, and usually in the context of how difficult it was to keep it running in the tropical climate. Anyway, I'd like very much to get one of those units and put it on the air in remembrance of my father.

One thing I'd like to know is what version of the radio he might have used. Dad is gone now, and by the time I got around to showing him photos of the two main variants of the radio his mind was too far gone to remember. I'm hoping to get one that physically looked like the one he would have used: the earlier A thru E suffix units or possibly the F and later models. If anyone knows approximately when the F-models went into production that might help me zero in on what style Dad might have used. He entered the service in 1942 and served until the end of the war. Although he was discharged in 1946 he got back to the states in late 1945, so he probably stopped using the '610 around that time.

Thanx in advance for any information the group can provide.

73,
Jim
W2BVM

[Non-text portions of this message have been removed]

# 5432. Re: [T-368_BC-610] New Member Intro.

Yahoo group: T-368_BC-610
Date: 2012-12-30 17:35:32 UTC
From: rbethman
Topic: 5430  Message: 5432

Jim,

This would be a tough one to try and give a definitive answer to.

The BC-610 registry is on the Group's website under databases.

The "E" models have dates of manufacture beginning in 1943. There are
"H" and "I" models with '44 and 45 dates, and others into the '50s.

They then took them in for modification, and released from Depot in '59
as T-213s.

The "E" and earlier models have a "singular" look, whereas the remainder
look all identical.

Since your father was in the Pacific, one could only speculate that
these were "later" models.

All of them were shipped from the US in a panel truck towing a trailer
with a generator. Later ones were sent out on the rear of a 2 1/2 ton
6X6 also towing a trailer with a generator.

Believe it or not, these were still in use through the '60s and even '70s.

Bob - N0DGN

On 12/30/2012 11:32 AM, Jim DiMauro wrote:
>
> Hello All:
>
> Sorry, I hit send by mistake before the message was finished.
>
> I recently joined the group with the hope that I will learn enough
> about the
> BC-610 to make intelligent decisions regarding purchase, restoration and
> operation. My bio can be found on QRZ.com, so I won't repeat it here.
>
> My interest in the BC-610 is a personal one: my father served as a
> radioman
> in the Army Air Force during WWII. He served in the Pacific Theater and
> operated the BC-610. He'd mention the beast every so often, and usually in
> the context of how difficult it was to keep it running in the tropical
> climate. Anyway, I'd like very much to get one of those units and put
> it on
> the air in remembrance of my father.
>
> One thing I'd like to know is what version of the radio he might have

> used.
> Dad is gone now, and by the time I got around to showing him photos of the
> two main variants of the radio his mind was too far gone to remember. I'm
> hoping to get one that physically looked like the one he would have used:
> the earlier A thru E suffix units or possibly the F and later models. If
> anyone knows approximately when the F-models went into production that
> might
> help me zero in on what style Dad might have used. He entered the service
> in 1942 and served until the end of the war. Although he was discharged in
> 1946 he got back to the states in late 1945, so he probably stopped using
> the '610 around that time.
>
> Thanx in advance for any information the group can provide.
>
> 73,
> Jim
> W2BVM
>

[Non-text portions of this message have been removed]

# 5433. Re: [T-368_BC-610] New Member Intro.

Yahoo group: T-368_BC-610
Date: 2012-12-30 18:01:01 UTC
From: wa5cab@cs.com
Topic: 5430  Message: 5433

Jim,

The BC-610-F was built post-war, I think in 1948 and 49. So he wouldn't have used it. Which is unfortunate as I have a rebuildable -F available.

The majority of BC-610 production was of the -E model but if he went to the Pacific in 1942 he most likely started out anyway with one of the earlier models. The earliest -E TM I have is dated 4/17/43. TM 11-280B on SCR-299-B (and BC-610-B) is dated 10/22/42. Unfortunately I don't actually have any of the single letter manuals. Only the one covering SCR-299-A/B/C/D which was issued 6/22/43.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 5434. Re: [T-368_BC-610] New Member Intro.

Yahoo group: T-368_BC-610
Date: 2012-12-30 19:34:02 UTC
From: mac
Topic: 5430  Message: 5434

Except for the SCR-499-A which was shipped sans the HO-17 shelter and
the K-52 trailer, see: TM 11-281 March 1945

Dennis D. W7QHO
Glendale, CA

**********
On Dec 30, 2012, at 9:35 AM, rbethman wrote:

> All of them were shipped from the US in a panel truck towing a trailer
> with a generator. Later ones were sent out on the rear of a 2 1/2 ton
> 6X6 also towing a trailer with a generator.

[Non-text portions of this message have been removed]

# 5435. Re: [T-368_BC-610] New Member Intro.

Yahoo group: T-368_BC-610
Date: 2012-12-30 19:43:46 UTC
From: w5kgz@yahoo.com
Topic: 5430  Message: 5435

I servedm  in the AAF in 1943 in Greenland and I had two HT-4-B Halicrafters and a HT9. Other than appearance the
circuits were the same more or less . I have a BC 610E on the air and have had some degee of success of keeping it
on the air. Good luck with restoring or maintaining it....
VY 7rd
w5kgz

Perry

---
From: Jim DiMauro <radio6146@...>
To: T-368_BC-610 Group <T-368_BC-610@yahoogroups.com>
Sent: Sunday, December 30, 2012 10:14 AM
Subject: [T-368_BC-610] New Member Intro.

Hello All:

I recently joined the group with the hope that I will learn enough about the BC-610 to make intelligent decisions regarding purchase, restoration and operation. My bio can be found on QRZ.com, so I won't repeat it here.

My interest in the BC-610 is a personal one: my father served as a radioman in the Army Air Force during WWII. He served in the Pacific Theater and operated the BC-610. He'd mention the beast every so often, and usually in the context of how difficult it was to keep it running in the tropical climate. Anyway, I'd like very much to get one of those units and put it on the air in remembrance of my father.

One thing I'd like to know is what version of the radio he might have used. Dad is gone now, and by the time I got around to showing him photos of the two main variants of the radio his mind was too far gone to remember. I'm hoping to get one that physically looked like the one he would have used: the earlier A thru E suffix units or possibly the F and later models.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5436. Re: New Member Intro.

Yahoo group: T-368_BC-610
Date: 2012-12-30 22:05:58 UTC
From: Roger Basford
Topic: 5430  Message: 5436

Hi Jim,

Welcome to the group.

I can well believe that your father would have had real problems with the BC-610 in such humid climates as found in the Pacific as essentially the HT-4 amateur radio model was designed for a warm and dry ham shack or in a room in the house, see the film "Voice of Victory" which is downloadable on the net and you'll see that the changes for military use were very basic and certainly didn't include any extra water-proofing!

The HT-4 was also used commercially pre-WW2 but again most likely it would be well housed. I dare not fire up my BC-610-E in damp winter conditions without letting it thoroughly dry out first, by running the heaters for a good while beforehand.

Best of luck finding a Beast!

73 for '13

Roger/G3VKM - Norfolk, England.
--- In T-368_BC-610@yahoogroups.com, Jim DiMauro <radio6146@...> wrote:
>
> Hello All:
>
> Sorry, I hit send by mistake before the message was finished.
>
> I recently joined the group with the hope that I will learn enough about the
> BC-610 to make intelligent decisions regarding purchase, restoration and
> operation. My bio can be found on QRZ.com, so I won't repeat it here.
>
> My interest in the BC-610 is a personal one: my father served as a radioman
> in the Army Air Force during WWII. He served in the Pacific Theater and
> operated the BC-610. He'd mention the beast every so often, and usually in
> the context of how difficult it was to keep it running in the tropical
> climate. Anyway, I'd like very much to get one of those units and put it on
> the air in remembrance of my father.
>
> One thing I'd like to know is what version of the radio he might have used.
> Dad is gone now, and by the time I got around to showing him photos of the
> two main variants of the radio his mind was too far gone to remember. I'm
> hoping to get one that physically looked like the one he would have used:
> the earlier A thru E suffix units or possibly the F and later models. If
> anyone knows approximately when the F-models went into production that might
> help me zero in on what style Dad might have used. He entered the service
> in 1942 and served until the end of the war. Although he was discharged in
> 1946 he got back to the states in late 1945, so he probably stopped using
> the '610 around that time.

>
> Thanx in advance for any information the group can provide.
>
> 73,
> Jim
> W2BVM
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 5437. Re: [T-368_BC-610] T-3 Final tuning issues

Yahoo group: T-368_BC-610
Date: 2012-12-31 02:48:14 UTC
From: mac
Topic: 5418  Message: 5437

Ron,

I've wired around the clipper and filters in the speech amplifier and replaced the C41, C42 and C7 combination of capacitors in the PA tank circuit with a single .001 mfd unit. (Note: these three caps may have different designations in different models and sometimes have been replaced with a single, large .004 mfd unit.) I also reduced C10 to .001 mfd. The main "problem" with stock T-368 audio is that the design of the pi-L tank circuit in the PA results in about 7000pf (.007mfd) shunt capacity across the secondary of the modulation transformer which, in turn causes the audio response to be about 5db down out at 3kc. A couple of db improvement can be obtained by the substitution described above. After doing this the transmitter probably won't work all the way down to 1.5 kHZ anymore but still OK on 160M.

The popular "Timtron" modification (named after Tim Smith, WA1HLR) feeds B+ directly to the plate of the 4-400 through a high impedance choke as per conventional ham designs. RF is fed over to the pi-L tank circuit through a 500pf coupling cap, C41, C42 and C7 (or the equivalent single cap mentioned above) are eliminated and, of course, and C10 and L3 are also disconnected. At least a 250 microhenry choke should be used here if the rig is to be run on 160M and, of course, the choke must NOT have any series resonances in any of the ham bands to be covered. The common B&W 800 is not suitable here BTW (not enough inductance).

A note on the original design of T368 plate tank circuit. It's very difficult to make a choke with a lot of wire on it that isn't series resonant somewhere in the HF spectrum and most wide range transmitters bandswitch plate chokes in and out too along with other tank circuit constants (T195 and GPT-750 for ex.). In the T368, however, feeding the B+ in at the low Z end of the pi section allowed the use of a single, low inductance choke. The engineers were apparently able to find (or design) one without any series resonance points ANYWHERE in it's 1.5 - 20 MHz range. Elegant design overall.

Actually, the T-368 doesn't sound half bad without any modification. An amplified D-104 with it's rising response characteristic connected to the 600 ohm input on a stock unit sounds very good. Cut the clipping way back too, of course.

Hope this is helpful.

Dennis D. W7QHO
Glendale, CA

**********
On Dec 28, 2012, at 8:50 AM, Ron.K3PID wrote (in part):

Have you done any of the speech amp mods?

Thanks for the help!
Ron K3PID

[Non-text portions of this message have been removed]

# 5438. Re: [T-368_BC-610] New Member Intro.

Yahoo group: T-368_BC-610
Date: 2012-12-31 03:49:54 UTC
From: Jim DiMauro
Topic: 5430  Message: 5438

My sincere thanx to all who responded; your information was quite helpful. It appears like I will be looking for one of the A thru E models, which is what I hoped Dad's unit would likely have been. I like the more "buzzardly" looks of the earlier models as compared to the F and later models.

Now that I have a better idea of what model I'm after I guess it's time to start the hunt for a suitable unit: an A thru E model that's either complete and working, or at least complete and restorable. Price will largely determine what condition I'll have to settle for, since funds are not unlimited. I'm great with electronics but not so great at cosmetics, so no rust-buckets or units that have been worked over with a blowtorch or sledge hammer. Candidate units will have to be within reasonable driving distance of NJ (meaning somewhere I can get to and back preferably in a day, or one overnight at most). Pickup at Dayton would be a possibility, since I plan to go this year. I'm in no hurry, so I am willing to hold out for the one that I believe would be right for me.

As I continue my research into these units I'm sure I'll have more questions for the group. Again, thank you.

73,
Jim
W2BVM

From: <wa5cab@...>
Reply-To: T-368_BC-610 Group <T-368_BC-610@yahoogroups.com>
Date: Sunday, December 30, 2012 1:01 PM
To: T-368_BC-610 Group <T-368_BC-610@yahoogroups.com>
Subject: Re: [T-368_BC-610] New Member Intro.

Jim,

The BC-610-F was built post-war, I think in 1948 and 49. So he wouldn't have used it. Which is unfortunate as I have a rebuildable -F available.

The majority of BC-610 production was of the -E model but if he went to the Pacific in 1942 he most likely started out anyway with one of the earlier models. The earliest -E TM I have is dated 4/17/43. TM 11-280B on
SCR-299-B
(and BC-610-B) is dated 10/22/42. Unfortunately I don't actually have any of the single letter manuals. Only the one covering SCR-299-A/B/C/D which was issued 6/22/43.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5439. Re: [T-368_BC-610] New to the group

Yahoo group: T-368_BC-610
Date: 2013-01-02 23:53:22 UTC
From: Joe Foley
Topic: 5427  Message: 5439

Go to the home page for this list and read the "Files" section first.

Joe

--- On Sat, 12/29/12, Dangerous Don <wc4don@...> wrote:

From: Dangerous Don <wc4don@...>
Subject: [T-368_BC-610] New to the group
To: T-368_BC-610@yahoogroups.com
Date: Saturday, December 29, 2012, 2:46 PM

Hello All:

My name is Don and my call is WC4D. I'm new to the group but I've enjoyed looking at photos and reading post. I am new to AM also. I started into it this summer and I have a Viking ll as my starting radio, but I wanted more output and I ran into a deal for the B/W T 368C I have now. I've not yet to fire it up as I'm reading and learning as much as I can about it before putting it on the air. I know it's in working order and ready to go,so it's just getting some wiring done to feed the beast and getting my R 390A read to recieve. I know if I have any problems that I can come here and find some help and that's always good to know. I hope to work as many as I can of your and and catch you on the AM nets ..

73 Don WC4D .. Happy New Year

[Non-text portions of this message have been removed]

# 5440. T-368 exciter heard on rcvr?

Yahoo group: T-368_BC-610
Date: 2013-01-04 18:38:34 UTC
From: Thekan, Paul
Topic: 5293  Message: 5440

Happy New Year to the group!

I have a question about hearing the exciter on the receiver when in the receive mode. It is faint but does not help when trying to copy a weak station. Is this common? If not any suggestions on how it could be eliminated?

Thank you
Paul
N6FEG

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[Non-text portions of this message have been removed]

# 5441. Re: [T-368_BC-610] T-368 exciter heard on rcvr?

Yahoo group: T-368_BC-610
Date: 2013-01-04 20:21:13 UTC
From: mac
Topic: 5293  Message: 5441

Paul,

Ah yes, up through "C" models at least the PTO runs continually. After that it was keyed on and off by a pair of relay contacts down in the middle drawer. There was also a switch up on the RF chassis of later models that allowed selection of either continuous run or keyed PTO. Off the top of my head I'm not sure just when the change took place. The "C" I used to have included the change less the switch. From the placement of the added wiring and general workmanship probably done by a previous ham owner but could have been a military field mod.

The "Basic" I use now is unmodified. I can only hear the PTO if I disconnect the antenna from the transmitter and turn the receiver gain wide open, but only very faintly even then.

What model do you have and how bad is the problem?

Dennis D. W7QHO
Glendale, CA

**********
On Jan 4, 2013, at 10:38 AM, Thekan, Paul wrote:

> I have a question about hearing the exciter on the receiver when in
> the receive mode. It is faint but does not help when trying to copy
> a weak station. Is this common? If not any suggestions on how it
> could be eliminated?

[Non-text portions of this message have been removed]

# 5442. Re: [T-368_BC-610] T-368 exciter heard on rcvr?

Yahoo group: T-368_BC-610
Date: 2013-01-04 21:25:10 UTC
From: Mark J. Blair
Topic: 5293  Message: 5442

On Jan 4, 2013, at 12:21 , mac <w7qho@...> wrote:
> Ah yes, up through "C" models at least the PTO runs continually.
[...]
> The "Basic" I use now is unmodified. I can only hear the PTO if I
> disconnect the antenna from the transmitter and turn the receiver gain
> wide open, but only very faintly even then.

Mine is a C model, and I haven't noticed the exciter when receiving. I'll try to remember to see if my PTO runs all the time this weekend, and if I can hear it in the receiver if I go looking for it.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 5443. RE: [T-368_BC-610] T-368 exciter heard on rcvr?

Yahoo group: T-368_BC-610
Date: 2013-01-04 21:44:55 UTC
From: Thekan, Paul
Topic: 5293  Message: 5443

Hi Dennis and Happy New Year

Thank you for the reply and info. Mine is a E model and the carrier is rather strong . Makes copying a weak station very difficult. I will switch off the plate when trying to copy a weak station. I'll have to find this switch on the RF deck you mentioned. I'm guessing it would maybe be on continuous run for RTTY operation. It's nice for spotting but it would be nice to be able to shut it down when not required

I have the 368 back on the air again so you and the other on the Mil Net will not have to strain to hear me on my puny TCS :>). Missed you last week, hope to hear you on tomorrow.

73
Paul
N6FEG

_____
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of mac
Sent: Friday, January 04, 2013 12:21 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] T-368 exciter heard on rcvr?

Paul,

Ah yes, up through "C" models at least the PTO runs continually.
After that it was keyed on and off by a pair of relay contacts down in
the middle drawer. There was also a switch up on the RF chassis of
later models that allowed selection of either continuous run or keyed
PTO. Off the top of my head I'm not sure just when the change took
place. The "C" I used to have included the change less the switch.
From the placement of the added wiring and general workmanship
probably done by a previous ham owner but could have been a military
field mod.

The "Basic" I use now is unmodified. I can only hear the PTO if I
disconnect the antenna from the transmitter and turn the receiver gain
wide open, but only very faintly even then.

What model do you have and how bad is the problem?

Dennis D. W7QHO
Glendale, CA

**********
On Jan 4, 2013, at 10:38 AM, Thekan, Paul wrote:

> I have a question about hearing the exciter on the receiver when in
> the receive mode. It is faint but does not help when trying to copy
> a weak station. Is this common? If not any suggestions on how it

> could be eliminated?

[Non-text portions of this message have been removed]

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# 5444. Re: [T-368_BC-610] T-368 exciter heard on rcvr?

Yahoo group: T-368_BC-610
Date: 2013-01-04 22:47:04 UTC
From: Mark Donaldson
Topic: 5293  Message: 5444

There was an official MWO (I think thats what they were called) to modify fielded units to fix this problem. Unfortunately I could never find a copy of it. Fortunately my basic model does not seem to have this problem. If anybody out there has a copy of the MWO I would like to see it.

Mark WA1QHQ

---
From: "Thekan, Paul" <Paul.Thekan@cpii.com>
To: "'T-368_BC-610@yahoogroups.com'" <T-368_BC-610@yahoogroups.com>
Sent: Friday, January 4, 2013 1:38 PM
Subject: [T-368_BC-610] T-368 exciter heard on rcvr?

Happy New Year to the group!

I have a question about hearing the exciter on the receiver when in the receive mode. It is faint but does not help when trying to copy a weak station. Is this common? If not any suggestions on how it could be eliminated?

Thank you
Paul
N6FEG

---

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5445. Re: [T-368_BC-610] T-368 exciter heard on rcvr?

Yahoo group: T-368_BC-610
Date: 2013-01-05 00:04:35 UTC
From: wa5cab@cs.com
Topic: 5293  Message: 5445

Actually, there were two, depending upon letter model and Order Number. MWO 11-5820-258-35/3 applies to T-368A, B, D and to C on Order Numbers 28597-P-55 and 43056-P-56. MWO /6 applies to T-368C on Order Numbers 28459-PH-55 and 21316-PH-56. I actually have MWO's /2 through /6. Unfortunately, a Remark in /6 says /1 must be applied prior to or concurrent with /6. I don't have /1 or its title. I have a DA PAM 310-10 (List of tech pubs incl. LO and MWO) that doesn't show anything for the T-368 and one (actually a different pub number) from 1966 that lists /2 through /6 but not /1.

The list of parts required is the same in both MWO's. Both MWO's fix two problems, one being the oscillator radiation. If you can locate the keying relay and see the solder terminals, if there are 8, the MWO hasn't been applied. If there are 10, either it has or the transmitter was built with the change. There is no mention of an Option switch. The fix is to replace the keying relay with one having an additional set of NO contacts.

I didn't examine the T-368/URT schematic to see whether it was originally built to disable the oscillator or not.

Robert D.

In a message dated 01/04/2013 16:47:07 PM Central Standard Time, wa1qhq@... writes:
> There was an official MWO (I think thats what they were called) to modify
> fielded units to fix this problem. Unfortunately I could never find a copy
> of it. Fortunately my basic model does not seem to have this problem. If
> anybody out there has a copy of the MWO I would like to see it.
>
> Mark WA1QHQ
>
>
> _____
> From: "Thekan, Paul" <Paul.Thekan@...>
> To: "'T-368_BC-610@yahoogroups.com'" <T-368_BC-610@yahoogroups.com>
> Sent: Friday, January 4, 2013 1:38 PM
> Subject: [T-368_BC-610] T-368 exciter heard on rcvr?
>
>
> Happy New Year to the group!
>
> I have a question about hearing the exciter on the receiver when in the
> receive mode. It is faint but does not help when trying to copy a weak
> station. Is this common? If not any suggestions on how it could be eliminated?
>
> Thank you
> Paul

> N6FEG

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 5446. Re: [T-368_BC-610] T-368 exciter heard on rcvr?

Yahoo group: T-368_BC-610
Date: 2013-01-05 01:36:23 UTC
From: mac
Topic: 5293  Message: 5446

On Jan 4, 2013, at 4:04 PM, WA5CAB@... wrote (in part):

Both MWO's fix two problems, one being the oscillator radiation.

What was the other problem?

Dennis D. W7QHO
Glendale, CA

[Non-text portions of this message have been removed]

# 5447. Re: [T-368_BC-610] T-368 exciter heard on rcvr?

Yahoo group: T-368_BC-610
Date: 2013-01-05 02:33:11 UTC
From: Mark J. Blair
Topic: 5293  Message: 5447

On Jan 4, 2013, at 16:04 , WA5CAB@... wrote:
> Actually, there were two, depending upon letter model and Order Number.
> MWO 11-5820-258-35/3 applies to T-368A, B, D and to C on Order Numbers
> 28597-P-55 and 43056-P-56. MWO /6 applies to T-368C on Order Numbers 28459-PH-55
> and 21316-PH-56.

My T-368C has a plate on the front that says it has the /4 MWO. The plate suggests that the /4 MWO makes it necessary to press the PTT switch to talk, so I gather that it has something to do with the keying and/or audio path. I haven't noticed any markings on my transmitter indicating that other MWOs have been done to it.

On Jan 4, 2013, at 14:47 , Mark Donaldson <wa1qhq@...> wrote:
> There was an official MWO (I think thats what they were called)

That is correct. It stands for Modification Work Order, and the same term is used for other stuff such as my military trucks, too.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 5448. Re: [T-368_BC-610] T-368 exciter heard on rcvr?

Yahoo group: T-368_BC-610
Date: 2013-01-05 03:30:32 UTC
From: wa5cab@cs.com
Topic: 5293  Message: 5448

Sorry, I should have just quoted the entire title. I'll list the entire bunch.

MWO 11-5820-258-35/2
MODIFICATION OF RADIO TRANSMITTERS T-368/URT, T-368A/URT, T-368B/URT, T-368C/URT, T-368D/URT AND T-368E/URT TO PREVENT BURNOUT OF THE INTERMEDIATE POWER AMPLIFIER PLATE TUNING ASSEMBLIES AND TUNING CORES.

MWO 11-5820-258-35/3
MODIFICATION OF TRANSMITTERS, RADIO T-368A/URT, T-368B/URT, T-368C/URT AND T-368D/URT TO ELIMINATE OSCILLATOR RADIATION AND TO REDUCE FAILURE OF COUPLING CAPACITORS IN THE FINAL AMPLIFIER PLATE CIRCUIT.

MWO 11-5820-258-35/4
MODIFICATION OF RADIO TRANSMITTERS T-368/URT, T-368A/URT, T-368B/URT, T-368C/URT, T-368D/URT AND T-368E/URT TO ACTIVATE THE MICROPHONE ONLY WHEN THE PUSH-TO-TALK BUTTON IS PRESSED DURING AM AND FSK-AM OPERATION.

MWO 11-5820-258-35/5
MODIFICATION OF TRANSMITTERS, RADIO T-368/URT AND T-368E/URT TO REDUCE FAILURE OF COUPLING CAPACITOR IN THE FINAL AMPLIFIER PLATE CIRCUIT AND THE TIME-CONSTANT CAPACITOR IN THE KEYING DIODE CIRCUIT.

MWO 11-5820-258-35/6
MODIFICATION OF TRANSMITTERS, RADIO T-368C/URT TO ELIMINATE OSCILLATOR RADIATION AND TO REDUCE FAILURE OF COUPLING CAPACITOR IN THE FINAL AMPLIFIER PLATE CIRCUIT AND THE TIME-CONSTANT CAPACITOR IN THE KEYING DIODE CIRCUIT.

As I wrote earlier, the Order Number determines whether /3 or /6 applies to the C-model.

Robert D.

In a message dated 01/04/2013 19:36:27 PM Central Standard Time, w7qho@... writes:
> On Jan 4, 2013, at 4:04 PM, WA5CAB@... wrote (in part):
>
> Both MWO's fix two problems, one being the oscillator radiation.
>
> What was the other problem?
>
> Dennis D. W7QHO
> Glendale, CA

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 5449. Re: [T-368_BC-610] T-368 exciter heard on rcvr?

Yahoo group: T-368_BC-610
Date: 2013-01-05 04:49:39 UTC
From: mac
Topic: 5293  Message: 5449

Robert,

Ah ha! The MWOs addressed four (4) problems:

1) Oscillator radiation,

2) A particular failure mode in the RF exciter assembly (new one on me that I'll have to look into).

3) Apparently replaced the original three parallel caps coupling the pi to the L section in the PA tank circuit with the single very large ceramic xmitting mica I've seen in some rigs.

4) A time constant problem (component failure?) in the "keying diode circuit." Presumably replaced and/or modified something in the keying circuitry down on the modulator chassis.

Many thanks for the information!

Dennis D. W7QHO
Glendale, CA

**********
On Jan 4, 2013, at 7:30 PM, wa5cab@... wrote:

> Sorry, I should have just quoted the entire title. I'll list the
> entire
> bunch.
>
> MWO 11-5820-258-35/2
> MODIFICATION OF RADIO TRANSMITTERS T-368/URT, T-368A/URT, T-368B/URT,
> T-368C/URT, T-368D/URT AND T-368E/URT TO PREVENT BURNOUT OF THE
> INTERMEDIATE
> POWER AMPLIFIER PLATE TUNING ASSEMBLIES AND TUNING CORES.
>
> MWO 11-5820-258-35/3
> MODIFICATION OF TRANSMITTERS, RADIO T-368A/URT, T-368B/URT, T-368C/
> URT AND
> T-368D/URT TO ELIMINATE OSCILLATOR RADIATION AND TO REDUCE FAILURE OF
> COUPLING CAPACITORS IN THE FINAL AMPLIFIER PLATE CIRCUIT.
>
> MWO 11-5820-258-35/4
> MODIFICATION OF RADIO TRANSMITTERS T-368/URT, T-368A/URT, T-368B/URT,
> T-368C/URT, T-368D/URT AND T-368E/URT TO ACTIVATE THE MICROPHONE
> ONLY WHEN THE
> PUSH-TO-TALK BUTTON IS PRESSED DURING AM AND FSK-AM OPERATION.
>

> MWO 11-5820-258-35/5
> MODIFICATION OF TRANSMITTERS, RADIO T-368/URT AND T-368E/URT TO REDUCE
> FAILURE OF COUPLING CAPACITOR IN THE FINAL AMPLIFIER PLATE CIRCUIT
> AND THE
> TIME-CONSTANT CAPACITOR IN THE KEYING DIODE CIRCUIT.
>
> MWO 11-5820-258-35/6
> MODIFICATION OF TRANSMITTERS, RADIO T-368C/URT TO ELIMINATE OSCILLATOR
> RADIATION AND TO REDUCE FAILURE OF COUPLING CAPACITOR IN THE FINAL
> AMPLIFIER
> PLATE CIRCUIT AND THE TIME-CONSTANT CAPACITOR IN THE KEYING DIODE
> CIRCUIT.
>
> As I wrote earlier, the Order Number determines whether /3 or /6
> applies to
> the C-model.
>
> Robert D.

[Non-text portions of this message have been removed]

# 5450. Re: [T-368_BC-610] T-368 exciter heard on rcvr?

Yahoo group: T-368_BC-610
Date: 2013-01-06 00:37:21 UTC
From: Mark J. Blair
Topic: 5293  Message: 5450

I experimented with my T-368C and R-390A this morning. I was not able to hear the exciter on the receiver in AM mode when I wasn't transmitting, even when I turned on the plate relay switch. I haven't dug inside yet to see if mine has the exciter MWO, but I'm guessing that it must have it?

In case I'm missing something, I tested it with it tuned up on the 75m band, with the receiver tuned near the transmitter frequency (i.e., under normal operating conditions). I tried both with a dummy load and an antenna. I tuned around the nominal Rx frequency to listen for a beat tone, but didn't find one. Gain was maxed, BFO was on, and I tried various bandwidth settings. Didn't hear any hint of the exciter while not transmitting.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 5451. RE: [T-368_BC-610] T-368 exciter heard on rcvr?

Yahoo group: T-368_BC-610
Date: 2013-01-07 14:08:27 UTC
From: Thekan, Paul
Topic: 5293  Message: 5451

Thanks Robert for that info on the MWO's and to Dennis and Mark too for their help. I will check tonight the keying relay on the contact count. Mine is a E model and I'd like to think that mod had already been incorporated in the E. But then maybe when these go through a depot rebuild the modulator and power supply drawers could maybe get swapped around with other different models...maybe ..I dunno.

Thank you
Paul
N6FEG

I

_____
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of wa5cab@...
Sent: Friday, January 04, 2013 4:05 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] T-368 exciter heard on rcvr?

Actually, there were two, depending upon letter model and Order Number. MWO 11-5820-258-35/3 applies to T-368A, B, D and to C on Order Numbers 28597-P-55 and 43056-P-56. MWO /6 applies to T-368C on Order Numbers 28459-PH-55 and 21316-PH-56. I actually have MWO's /2 through /6. Unfortunately, a Remark in /6 says /1 must be applied prior to or concurrent with /6. I don't have /1 or its title. I have a DA PAM 310-10 (List of tech pubs incl. LO and MWO) that doesn't show anything for the T-368 and one (actually a different pub number) from 1966 that lists /2 through /6 but not /1.

The list of parts required is the same in both MWO's. Both MWO's fix two problems, one being the oscillator radiation. If you can locate the keying relay and see the solder terminals, if there are 8, the MWO hasn't been applied. If there are 10, either it has or the transmitter was built with the change. There is no mention of an Option switch. The fix is to replace the keying relay with one having an additional set of NO contacts.

I didn't examine the T-368/URT schematic to see whether it was originally built to disable the oscillator or not.

Robert D.

In a message dated 01/04/2013 16:47:07 PM Central Standard Time, wa1qhq@...<mailto:wa1qhq%40yahoo.com> writes:
> There was an official MWO (I think thats what they were called) to modify
> fielded units to fix this problem. Unfortunately I could never find a copy
> of it. Fortunately my basic model does not seem to have this problem. If
> anybody out there has a copy of the MWO I would like to see it.
>

> Mark WA1QHQ
>
>
> _____
> From: "Thekan, Paul" Paul.Thekan@...<mailto:Paul.Thekan%40cpii.com>>
> To: "T-368_BC-610@yahoogroups.com<mailto:%26%2339%3BT-368_BC-610%40yahoogroups.com>T-368
_BC-610@yahoogroups.com<mailto:T-368_BC-610%40yahoogroups.com>>
> Sent: Friday, January 4, 2013 1:38 PM
> Subject: [T-368_BC-610] T-368 exciter heard on rcvr?
>
>
> Happy New Year to the group!
>
> I have a question about hearing the exciter on the receiver when in the
> receive mode. It is faint but does not help when trying to copy a weak
> station. Is this common? If not any suggestions on how it could be eliminated?
>
> Thank you
> Paul
> N6FEG

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

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[Non-text portions of this message have been removed]

# 5452. Re: [T-368_BC-610] T-368 exciter heard on rcvr?

Yahoo group: T-368_BC-610
Date: 2013-01-07 14:54:16 UTC
From: Mark J. Blair
Topic: 5293  Message: 5452

On Jan 7, 2013, at 06:08 , "Thekan, Paul" <Paul.Thekan@...> wrote:
> But then maybe when these go through a depot rebuild the modulator and power supply drawers could maybe get swapped around with other different models...maybe ..I dunno.

Could be... My unit looks mis-matched, with the top drawer having a different shade of paint than the rest of the unit, and decals applied to the other two drawers indicating they're now part of a T-368C. Maybe my transmitter has your modulator and power supply drawers? :)

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 5453. RE: [T-368_BC-610] T-368 exciter heard on rcvr?

Yahoo group: T-368_BC-610
Date: 2013-01-07 15:50:39 UTC
From: Thekan, Paul
Topic: 5293  Message: 5453

Mark

Could be your mod deck is a later model the than the 'C" indicated on the rf deck nomenclature plate. Or it had the mod done. My 'E' looks to have gone through some depot refurbishing as it has a nice paint job and the lettering was redone. Also on my drawer units is metal stamped on the front panel the s/n to keep it together...but who knows when that was done , probably at this last depot go over. Mine is a Bendix with a contract date I recall being 1959.

Paul

---
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Mark J. Blair
Sent: Monday, January 07, 2013 6:54 AM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] T-368 exciter heard on rcvr?

On Jan 7, 2013, at 06:08 , "Thekan, Paul" Paul.Thekan@...<mailto:Paul.Thekan%40cpii.com>> wrote:
> But then maybe when these go through a depot rebuild the modulator and power supply drawers could maybe get swapped around with other different models...maybe ..I dunno.

Could be... My unit looks mis-matched, with the top drawer having a different shade of paint than the rest of the unit, and decals applied to the other two drawers indicating they're now part of a T-368C. Maybe my transmitter has your modulator and power supply drawers? :)

--
Mark J. Blair, NF6X nf6x@...<mailto:nf6x%40nf6x.net>>
http://www.nf6x.net/

---

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[Non-text portions of this message have been removed]

# 5454. Re: [T-368_BC-610] New Member Intro.

Yahoo group: T-368_BC-610
Date: 2012-12-31 12:04:16 UTC
From: Ken Schwieker
Topic: 5430  Message: 5454

And don't forget although very remote of the
possibility that the transmitter you end up with could be
one of the ones your father used. I applaud you
dedication to your quest. Good luck.

Ken S

At 09:49 PM 12/30/2012, you wrote:
>
>
>My sincere thanx to all who responded; your information was quite helpful.
>It appears like I will be looking for one of the A thru E models, which is
>what I hoped Dad's unit would likely have been. I like the more "buzzardly"
>looks of the earlier models as compared to the F and later models.
>
>Now that I have a better idea of what model I'm after I guess it's time to
>start the hunt for a suitable unit: an A thru E model that's either complete
>and working, or at least complete and restorable. Price will largely
>determine what condition I'll have to settle for, since funds are not
>unlimited. I'm great with electronics but not so great at cosmetics, so no
>rust-buckets or units that have been worked over with a blowtorch or sledge
>hammer. Candidate units will have to be within reasonable driving distance
>of NJ (meaning somewhere I can get to and back preferably in a day, or one
>overnight at most). Pickup at Dayton would be a possibility, since I plan
>to go this year. I'm in no hurry, so I am willing to hold out for the one
>that I believe would be right for me.
>
>As I continue my research into these units I'm sure I'll have more questions
>for the group. Again, thank you.
>
>73,
>Jim
>W2BVM
>
>From: <<mailto:wa5cab%40cs.com>wa5cab@cs.com>
>Reply-To: T-368_BC-610 Group
><<mailto:T-368_BC-610%40yahoogroups.com>T-368_BC-610@yahoogroups.com>
>Date: Sunday, December 30, 2012 1:01 PM
>To: T-368_BC-610 Group
><<mailto:T-368_BC-610%40yahoogroups.com>T-368_BC-610@yahoogroups.com>
>Subject: Re: [T-368_BC-610] New Member Intro.
>
>Jim,
>
>The BC-610-F was built post-war, I think in 1948 and 49. So he wouldn't

>have used it. Which is unfortunate as I have a rebuildable -F available.
>
>The majority of BC-610 production was of the -E model but if he went to the
>Pacific in 1942 he most likely started out anyway with one of the earlier
>models. The earliest -E TM I have is dated 4/17/43. TM 11-280B on
>SCR-299-B
>(and BC-610-B) is dated 10/22/42. Unfortunately I don't actually have any
>of the single letter manuals. Only the one covering SCR-299-A/B/C/D which
>was issued 6/22/43.
>
>Robert Downs - Houston
>wa5cab dot com (Web Store)
>MVPA 9480
>
>[Non-text portions of this message have been removed]
>
>[Non-text portions of this message have been removed]
>
>
>
>No virus found in this message.
>Checked by AVG - <http://www.avg.com>www.avg.com
>Version: 2013.0.2805 / Virus Database: 2637/5980 - Release Date: 12/23/12
>Internal Virus Database is out of date.

[Non-text portions of this message have been removed]

# 5455. WB2FCN

Yahoo group: T-368_BC-610
Date: 2013-01-15 17:44:19 UTC
From: rbethman
Topic: 5455  Message: 5455

Has anyone heard from WB2FCN, James Walker?

His web site is down.

Bob - N0DGN

# 5458. Ignore Earlier post

Yahoo group: T-368_BC-610
Date: 2013-02-21 18:31:01 UTC
From: rbethman
Topic: 5458  Message: 5458

Post by : [T-368_BC-610] Art Heikkila

DO NOT OPEN THE LINK!

This account is NOW Blocked from posting.

Mr. Heikkila: Contact myself or Joe Foley DIRECT!

Moderator
N0DGN

# 5459. Re: [Hallicrafters] bc-610

Yahoo group: T-368_BC-610
Date: 2013-02-25 21:22:38 UTC
From: rbethman
Topic: 5459  Message: 5459

There is an entire group on yahoo groups that is just for T-368s and
BC-610s.

There are folks that want them, and then there are those that swear at them.

The value depends a bunch on what condition it is in, what Tuning Units
and PA Coils that are with it.

Get some info from him and I'll post it on the other list.

Bob - N0DGN

On 2/25/2013 3:27 PM, george frost wrote:
> A ham in NW MINN has a bc-610I that he wants to get rid of and I have no idea
> what it may be worth,mabe by Hallicrafters.Is there a demand? reply for call and
> phone number.thanks George KF9WV
>

# 5460. BC-610 on 500kc?

Yahoo group: T-368_BC-610
Date: 2013-03-01 20:17:57 UTC
From: Roger Basford
Topic: 5460  Message: 5460

Hi All,

Has anyone ever come across a BC-610 being used on or around 500kc? Here in the UK we have a allocation around that neck of the woods and several people on the band use ex-marine rigs, some quite high-powered.

I do have the TU and I think the PA coil for 1-2 Mc, maybe those could be "pulled-down" half a meg? Just thinking out loud really, maybe someone did this back in the day?

73

Roger/G3VKM

Norfolk, England.

# 5461. Re: [T-368_BC-610] BC-610 on 500kc?

Yahoo group: T-368_BC-610
Date: 2013-03-01 20:51:41 UTC
From: rbethman
Topic: 5460  Message: 5461

Roger,

Way back in time, the U.S. Military did indeed run these around 500 KC.

However, I don't see the 1-2MC PA coil being run there. It is far easier to manipulate a TU to go down in frequency than it is a PA Coil. Look at the difference in a 3MC PA Coil and the 1-2MC one. I haven't even the remotest idea how to determine the number of additional turns that PA Coil would require.

Neither have I seen these available anywhere.

Lots of luck!

Bob - N0DGN

On 3/1/2013 3:17 PM, Roger Basford wrote:
>
> Hi All,
>
> Has anyone ever come across a BC-610 being used on or around 500kc?
> Here in the UK we have a allocation around that neck of the woods and
> several people on the band use ex-marine rigs, some quite high-powered.
>
> I do have the TU and I think the PA coil for 1-2 Mc, maybe those could
> be "pulled-down" half a meg? Just thinking out loud really, maybe
> someone did this back in the day?
>
> 73
>
> Roger/G3VKM
>
> Norfolk, England.
>

[Non-text portions of this message have been removed]

# 5462. Re: BC-610 on 500kc?

Yahoo group: T-368_BC-610
Date: 2013-03-01 21:45:31 UTC
From: Roger Basford
Topic: 5460  Message: 5462

Thanks Bob,

I think there's enough literature around for me to be able to calculate the size of a coil needed and I do have 3 or 4 old TUs that I can butcher to make a suitable driver stage. The actual allocation is 472-9 kc, so CW would seem to be the way to go, not really enough room for a AM transmission!

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, rbethman <rbethman@...> wrote:
>
> Roger,
>
> Way back in time, the U.S. Military did indeed run these around 500 KC.
>
> However, I don't see the 1-2MC PA coil being run there. It is far
> easier to manipulate a TU to go down in frequency than it is a PA Coil.
> Look at the difference in a 3MC PA Coil and the 1-2MC one. I haven't
> even the remotest idea how to determine the number of additional turns
> that PA Coil would require.
>
> Neither have I seen these available anywhere.
>
> Lots of luck!
>
> Bob - N0DGN
>
> On 3/1/2013 3:17 PM, Roger Basford wrote:
> >
> > Hi All,
> >
> > Has anyone ever come across a BC-610 being used on or around 500kc?
> > Here in the UK we have a allocation around that neck of the woods and
> > several people on the band use ex-marine rigs, some quite high-powered.
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> >
> > 73
> >
> > Roger/G3VKM
> >
> > Norfolk, England.

> >
>
>
>
> [Non-text portions of this message have been removed]
>

# 5463. RE: [T-368_BC-610] BC-610 on 500kc?

Yahoo group: T-368_BC-610
Date: 2013-03-01 21:47:35 UTC
From: Dave Trainor
Topic: 5460  Message: 5463

I know of the following web site, http://w1cki.net/Winding_a_BC610_Final_Coil.htm
W1CKI has nice pictures of making his own tank coil for 160m, this might give you some idea's but you would need a lot more inductance.
I have never tired this but had the site bookmarked so if I ever decide to try to put it on 160 I could duplicate his efforts.
Mine currently runs CW just fine but I have not gotten the modulator fully tested just yet, then again with my day job have not devoted much time to it over the past couple months.
I will get it on 3895 before summer....

73,
Dave N8ZFM

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of rbethman
Sent: Friday, March 01, 2013 3:52 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] BC-610 on 500kc?

Roger,

Way back in time, the U.S. Military did indeed run these around 500 KC.

However, I don't see the 1-2MC PA coil being run there. It is far
easier to manipulate a TU to go down in frequency than it is a PA Coil.
Look at the difference in a 3MC PA Coil and the 1-2MC one. I haven't
even the remotest idea how to determine the number of additional turns
that PA Coil would require.

Neither have I seen these available anywhere.

Lots of luck!

Bob - N0DGN

On 3/1/2013 3:17 PM, Roger Basford wrote:
>
> Hi All,
>
> Has anyone ever come across a BC-610 being used on or around 500kc?
> Here in the UK we have a allocation around that neck of the woods and
> several people on the band use ex-marine rigs, some quite high-powered.
>
> I do have the TU and I think the PA coil for 1-2 Mc, maybe those could
> be "pulled-down" half a meg? Just thinking out loud really, maybe
> someone did this back in the day?
>
> 73

>
> Roger/G3VKM
>
> Norfolk, England.
>

[Non-text portions of this message have been removed]

--
This message was scanned by ESVA and is believed to be clean.
Click here to report this message as
spam.<http://h0stname/cgi-bin/learn-msg.cgi?id=65B1C28E01.B9CCA>

[Non-text portions of this message have been removed]

# 5464. Re: BC-610 on 500kc?

Yahoo group: T-368_BC-610
Date: 2013-03-02 08:05:08 UTC
From: Roger Basford
Topic: 5460  Message: 5464

Hi Dave,

Thanks for the link. I see that you need a thread cutter to make the wire groove in the former, might be an issue to those with little or no wood-working gear. I have come across a useful dodge for ensuring the spacing of the coil turns. On a Tiger TR-200 ham rig I have (from the late 1950s) the plug-in PA coils are just a smaller version of the BC-610 coils and the maker got the turn spacing right by using what looks like cotton string laid between the copper wire, this ensured equal spacing without the need for a groove. The whole winding was then shellaced in place.

73 and good luck with getting the modulator working.

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, Dave Trainor <dave@...> wrote:
>
> I know of the following web site, http://w1cki.net/Winding_a_BC610_Final_Coil.htm
> W1CKI has nice pictures of making his own tank coil for 160m, this might give you some idea's but you would need a lot more inductance.
> I have never tired this but had the site bookmarked so if I ever decide to try to put it on 160 I could duplicate his efforts.
> Mine currently runs CW just fine but I have not gotten the modulator fully tested just yet, then again with my day job have not devoted much time to it over the past couple months.
> I will get it on 3895 before summer....
>
> 73,
> Dave N8ZFM
>
> From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of rbethman
> Sent: Friday, March 01, 2013 3:52 PM
> To: T-368_BC-610@yahoogroups.com
> Subject: Re: [T-368_BC-610] BC-610 on 500kc?
>
>
>
> Roger,
>
> Way back in time, the U.S. Military did indeed run these around 500 KC.
>
> However, I don't see the 1-2MC PA coil being run there. It is far
> easier to manipulate a TU to go down in frequency than it is a PA Coil.
> Look at the difference in a 3MC PA Coil and the 1-2MC one. I haven't
> even the remotest idea how to determine the number of additional turns
> that PA Coil would require.

>
> Neither have I seen these available anywhere.
>
> Lots of luck!
>
> Bob - N0DGN
>
> On 3/1/2013 3:17 PM, Roger Basford wrote:
> >
> > Hi All,
> >
> > Has anyone ever come across a BC-610 being used on or around 500kc?
> > Here in the UK we have a allocation around that neck of the woods and
> > several people on the band use ex-marine rigs, some quite high-powered.
> >
> > I do have the TU and I think the PA coil for 1-2 Mc, maybe those could
> > be "pulled-down" half a meg? Just thinking out loud really, maybe
> > someone did this back in the day?
> >
> > 73
> >
> > Roger/G3VKM
> >
> > Norfolk, England.
> >
>
> [Non-text portions of this message have been removed]
>
>
> --
> This message was scanned by ESVA and is believed to be clean.
> Click here to report this message as
spam.<http://h0stname/cgi-bin/learn-msg.cgi?id=65B1C28E01.B9CCA>
>
>
> [Non-text portions of this message have been removed]
>

# 5465. Re: [T-368_BC-610] BC-610 on 500kc?

Yahoo group: T-368_BC-610
Date: 2013-03-02 18:16:03 UTC
From: mac
Topic: 5460  Message: 5465

Roger, et-al,

Sounds to me like hand winding several multi-layer litz wire coils would be required here including a big one for the PA. Also adding a lot of padding capacity. Worth the time and effort?

Dennis D. W7QHO
Glendale, CA

**********
On Mar 1, 2013, at 12:17 PM, Roger Basford wrote:

> Hi All,
>
> Has anyone ever come across a BC-610 being used on or around 500kc?
> Here in the UK we have a allocation around that neck of the woods
> and several people on the band use ex-marine rigs, some quite high-
> powered.
>
> I do have the TU and I think the PA coil for 1-2 Mc, maybe those
> could be "pulled-down" half a meg? Just thinking out loud really,
> maybe someone did this back in the day?
>
> 73
>
> Roger/G3VKM
>
> Norfolk, England.
>
>

[Non-text portions of this message have been removed]

# 5466. Re: BC-610 on 500kc?

Yahoo group: T-368_BC-610
Date: 2013-03-02 18:30:04 UTC
From: Roger Basford
Topic: 5460  Message: 5466

Probably not, Dennis! I will see what sort of things people are using on the MF allocation, maybe I can find a nice Marconi Oceanspan, which I did my radio training on back in the mid-60s.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, mac <w7qho@...> wrote:
>
> Roger, et-al,
>
> Sounds to me like hand winding several multi-layer litz wire coils
> would be required here including a big one for the PA. Also adding a
> lot of padding capacity. Worth the time and effort?
>
> Dennis D. W7QHO
> Glendale, CA
>
> **********
> On Mar 1, 2013, at 12:17 PM, Roger Basford wrote:
>
> > Hi All,
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> > Has anyone ever come across a BC-610 being used on or around 500kc?
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> > and several people on the band use ex-marine rigs, some quite high-
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> > I do have the TU and I think the PA coil for 1-2 Mc, maybe those
> > could be "pulled-down" half a meg? Just thinking out loud really,
> > maybe someone did this back in the day?
> >
> > 73
> >
> > Roger/G3VKM
> >
> > Norfolk, England.
> >
> >
>
>
>
> [Non-text portions of this message have been removed]
>

# 5467. Re: [T-368_BC-610] BC-610 on 500kc?

Yahoo group: T-368_BC-610
Date: 2013-03-02 18:48:13 UTC
From: w5kgz@...
Topic: 5460  Message: 5467

Hi Roger. 500kcs in past was an international destress freq. Don't know if it still is or not BUT Ha
Just thinking which is rare for me I don't believe you can pad the old 610 to that freq. May be wrong
but It wold tak some larg vac var. to accomplish it.  Good Luck
Perry
w5kgz
Beaumont, Texas

From: mac <w7qho@...>
To: Roger Basford <Roger@...>
Cc: T-368_BC-610@yahoogroups.com
Sent: Saturday, March 2, 2013 12:16 PM
Subject: Re: [T-368_BC-610] BC-610 on 500kc?

Roger, et-al,

Sounds to me like hand winding several multi-layer litz wire coils
would be required here including a big one for the PA.  Also adding a
lot of padding capacity.  Worth the time and effort?

Dennis D.  W7QHO
Glendale, CA

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On Mar 1, 2013, at 12:17 PM, Roger Basford wrote:

> Hi All,
>
> Has anyone ever come across a BC-610 being used on or around 500kc?
> Here in the UK we have a allocation around that neck of the woods
> and several people on the band use ex-marine rigs, some quite high-
> powered.
>
> I do have the TU and I think the PA coil for 1-2 Mc, maybe those
> could be "pulled-down" half a meg? Just thinking out loud really,
> maybe someone did this back in the day?
>
> 73
>
> Roger/G3VKM
>
> Norfolk, England.
>
>

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 5468. Re: [T-368_BC-610] BC-610 on 500kc?

Yahoo group: T-368_BC-610
Date: 2013-03-02 19:53:06 UTC
From: ray bee
Topic: 5460  Message: 5468

---
From: mac <w7qho@...>
To: Roger Basford <Roger@...>
Cc: T-368_BC-610@yahoogroups.com
Sent: Saturday, March 2, 2013 1:16 PM
Subject: Re: [T-368_BC-610] BC-610 on 500kc?

Roger, et-al,

Sounds to me like hand winding several multi-layer litz wire coils would be required here including a big one for the PA.  Also adding a lot of padding capacity.  Worth the time and effort?

Dennis D.  W7QHO
Glendale, CA

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On Mar 1, 2013, at 12:17 PM, Roger Basford wrote:

> Hi All,
>
> Has anyone ever come across a BC-610 being used on or around 500kc?
> Here in the UK we have a allocation around that neck of the woods
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> 73
>
> Roger/G3VKM
>
> Norfolk, England.
>
>

[Non-text portions of this message have been removed]

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Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 5469. Re: [T-368_BC-610] BC-610 on 500kc?

Yahoo group: T-368_BC-610
Date: 2013-03-02 20:04:11 UTC
From: ray bee
Topic: 5460  Message: 5469

I did see a couple BC610s on 3rd world ships that were modified for 410-512 KHZ.
They were a super kluge job with a Pi-L network, bunches of fixed Mica caps, and were tuned by selecting coil taps, on the PA tank. the out put tuning was done with a jumbo coffee can sized
variometer. I would suggest caution if you try this. These and other 3-400 W tx's in that freq range
can develop some hellacious RF voltages. Arcing on the output might be a problem and a potential
fire/ safety hazard in a residential setting.
Ray
WA2ZYE

---
From: "w5kgz@..." <w5kgz@yahoo.com>
To: "T-368_BC-610@yahoogroups.com" <T-368_BC-610@yahoogroups.com>
Sent: Saturday, March 2, 2013 1:48 PM
Subject: Re: [T-368_BC-610] BC-610 on 500kc?

Hi Roger. 500kcs in past was an international destress freq. Don't know if it still is or not BUT Ha
Just thinking which is rare for me I don't believe you can pad the old 610 to that freq. May be wrong
but It wold tak some larg vac var. to accomplish it. Good Luck
Perry
w5kgz
Beaumont, Texas

From: mac mailto:w7qho%40aol.com>
To: Roger Basford mailto:Roger%40new-gate.co.uk>
Cc: mailto:T-368_BC-610%40yahoogroups.com
Sent: Saturday, March 2, 2013 12:16 PM
Subject: Re: [T-368_BC-610] BC-610 on 500kc?

Roger, et-al,

Sounds to me like hand winding several multi-layer litz wire coils
would be required here including a big one for the PA. Also adding a
lot of padding capacity. Worth the time and effort?

Dennis D. W7QHO
Glendale, CA

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On Mar 1, 2013, at 12:17 PM, Roger Basford wrote:

> Hi All,
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> Has anyone ever come across a BC-610 being used on or around 500kc?
> Here in the UK we have a allocation around that neck of the woods
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> Roger/G3VKM
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> Norfolk, England.
>
>

[Non-text portions of this message have been removed]

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Yahoo! Groups Links

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[Non-text portions of this message have been removed]

# 5470. Re: [T-368_BC-610] BC-610 on 500kc?

Yahoo group: T-368_BC-610
Date: 2013-03-02 20:14:39 UTC
From: rbethman
Topic: 5460  Message: 5470

We have the 500KC allocation over here too.

However, the BC-610 is WAY too much power for our allocation!

I certainly wouldn't want that sort of "mess" in the RF section!

I'd settle for the output of the TS-930SAT for that region. The ATU may well not work due to the programming of the system board, BUT a simple matching device means a LOT safer operation.

Bob - N0DGN

On 3/2/2013 3:04 PM, ray bee wrote:
>
> I did see a couple BC610s on 3rd world ships that were modified for
> 410-512 KHZ.
> They were a super kluge job with a Pi-L network, bunches of fixed Mica
> caps, and were tuned
> by selecting coil taps, on the PA tank. the out put tuning was done
> with a jumbo coffee can sized
> variometer. I would suggest caution if you try this. These and other
> 3-400 W tx's in that freq range
> can develop some hellacious RF voltages. Arcing on the output might be
> a problem and a potential
> fire/ safety hazard in a residential setting.
> Ray
> WA2ZYE
>
> _____
> From: "w5kgz@... <mailto:w5kgz%40yahoo.com>" w5kgz@...
> <mailto:w5kgz%40yahoo.com>>
> To: "T-368_BC-610@yahoogroups.com
> <mailto:T-368_BC-610%40yahoogroups.com>" T-368_BC-610@yahoogroups.com
> <mailto:T-368_BC-610%40yahoogroups.com>>
> Sent: Saturday, March 2, 2013 1:48 PM
> Subject: Re: [T-368_BC-610] BC-610 on 500kc?
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> Hi Roger. 500kcs in past was an international destress freq. Don't
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> Just thinking which is rare for me I don't believe you can pad the old
> 610 to that freq. May be wrong
> but It wold tak some larg vac var. to accomplish it. Good Luck
> Perry
> w5kgz
> Beaumont, Texas

>

[Non-text portions of this message have been removed]

# 5471. Re: [T-368_BC-610] BC-610 on 500kc?

Yahoo group: T-368_BC-610
Date: 2013-03-02 20:39:14 UTC
From: w5kgz@...
Topic: 5460  Message: 5471

You might try getting a ART13 transmitter sice it has a 100kc vfo unit in it and would not require rebuilding to get to 400kcs
not much help am I ?
Perry

From: ray bee <wazye@...>
To: "T-368_BC-610@yahoogroups.com" <T-368_BC-610@yahoogroups.com>
Sent: Saturday, March 2, 2013 2:04 PM
Subject: Re: [T-368_BC-610] BC-610 on 500kc?

I did see a couple BC610s on 3rd world ships that were modified for 410-512 KHZ.
They were a super kluge job with a Pi-L network, bunches of fixed Mica caps, and were tuned by selecting coil taps, on the PA tank. the out put tuning was done with a jumbo coffee can sized
variometer. I would suggest caution if you try this. These and other 3-400 W tx's in that freq range
can develop some hellacious RF voltages. Arcing on the output might be a problem and a potential
fire/ safety hazard in a residential setting.
Ray
WA2ZYE

_____
From: "mailto:w5kgz%40yahoo.com" mailto:w5kgz%40yahoo.com>
To: "mailto:T-368_BC-610%40yahoogroups.com" mailto:T-368_BC-610%40yahoogroups.com>
Sent: Saturday, March 2, 2013 1:48 PM
Subject: Re: [T-368_BC-610] BC-610 on 500kc?

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Perry
w5kgz
Beaumont, Texas

From: mac mailto:w7qho%40aol.com>
To: Roger Basford mailto:Roger%40new-gate.co.uk>
Cc: mailto:T-368_BC-610%40yahoogroups.com
Sent: Saturday, March 2, 2013 12:16 PM
Subject: Re: [T-368_BC-610] BC-610 on 500kc?

Roger, et-al,

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> Roger/G3VKM
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> Norfolk, England.
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Yahoo! Groups Links

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# 5472. 500

Yahoo group: T-368_BC-610
Date: 2013-03-02 22:51:08 UTC
From: Alan Morriss
Topic: 5472  Message: 5472

hello roger and the rest. i use my T1154/R1155 on 500 . it was designed for that and ever since schooldays i have always wanted to use the yellow band legally !
if you want an oceanspan , mike G4EJM has my old one , and has got it going. cheers, alan G4GEN

[Non-text portions of this message have been removed]

# 5473. Re: 500

Yahoo group: T-368_BC-610
Date: 2013-03-03 18:22:25 UTC
From: Roger Basford
Topic: 5472  Message: 5473

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello roger and the rest. i use my T1154/R1155 on 500 . it was designed for that and ever since schooldays i have always wanted to use the yellow band legally !
> if you want an oceanspan , mike G4EJM has my old one , and has got it going. cheers, alan G4GEN
>
> [Non-text portions of this message have been removed]
>
Hi Alan,

Real radio, a T1154 on 500kc! That I must hear, I suppose you have plenty of space for a big MF antenna though.

I'd love an Oceanspan, Alan, especially one with the dynamotor PSU that I trained on. Three 807s in the final isn't it?

73

Roger

G3VKM/MM

# 5474. Re: BC-610 on 500kc?

Yahoo group: T-368_BC-610
Date: 2013-03-03 18:23:42 UTC
From: Roger Basford
Topic: 5460  Message: 5474

Hi Perry,

MF marine traffic in the UK ceased in 1998/99, I think, (I have a recording of the last night as all the UK coast stations shut down for the last time) and other countries have followed suit. I was a bit out on the new allocation, it's 472-479 kc in the UK, 500kc is designated some sort of heritage allocation.

You're right about the big caps and coils a BC-610 would need. Our allocation is 1 watt erp so often people run quite high power to actually get 1 watt off the antenna, given the inefficiency at those frequencies.

73

Roger

G3VKM/MM

--- In T-368_BC-610@yahoogroups.com, w5kgz@... wrote:
>
>  Hi Roger. 500kcs in past was an international destress freq. Don't  know if it still is or not BUT Ha
> Just thinking which is rare for me I don't believe you can pad the old 610 to that freq. May be wrong
> but It wold tak some larg vac var. to accomplish it.   Good Luck
> Perry
> w5kgz
> Beaumont, Texas
>
> From: mac <w7qho@...>
> To: Roger Basford <Roger@...>
> Cc: T-368_BC-610@yahoogroups.com
> Sent: Saturday, March 2, 2013 12:16 PM
> Subject: Re: [T-368_BC-610] BC-610 on 500kc?
>
> Roger, et-al,
>
> Sounds to me like hand winding several multi-layer litz wire coils
> would be required here including a big one for the PA.  Also adding a
> lot of padding capacity.  Worth the time and effort?
>
> Dennis D.  W7QHO
> Glendale, CA
>
> **********
> On Mar 1, 2013, at 12:17 PM, Roger Basford wrote:
>

> > Hi All,
> >
> > Has anyone ever come across a BC-610 being used on or around 500kc?
> > Here in the UK we have a allocation around that neck of the woods
> > and several people on the band use ex-marine rigs, some quite high-
> > powered.
> >
> > I do have the TU and I think the PA coil for 1-2 Mc, maybe those
> > could be "pulled-down" half a meg? Just thinking out loud really,
> > maybe someone did this back in the day?
> >
> > 73
> >
> > Roger/G3VKM
> >
> > Norfolk, England.
> >
> >
>
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> [Non-text portions of this message have been removed]
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> ------------------------------------
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> Yahoo! Groups Links
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# 5475. Re: BC-610 on 500kc?

Yahoo group: T-368_BC-610
Date: 2013-03-03 19:09:50 UTC
From: Jan
Topic: 5460  Message: 5475

i have +- 50 coils for 1.5<>2Mc the c_454 for sale
NOS in paper but some in bat contion (dried out)
when you see the coils and tu units in the mc509 for 1<>1.5MC then it must be possible to make some coils and tu units for the 500kc
73 PA3HCO

--- In T-368_BC-610@yahoogroups.com, "Roger Basford" <Roger@...> wrote:
>
> Hi Dave,
>
> Thanks for the link. I see that you need a thread cutter to make the wire groove in the former, might be an issue to those with little or no wood-working gear. I have come across a useful dodge for ensuring the spacing of the coil turns. On a Tiger TR-200 ham rig I have (from the late 1950s) the plug-in PA coils are just a smaller version of the BC-610 coils and the maker got the turn spacing right by using what looks like cotton string laid between the copper wire, this ensured equal spacing without the need for a groove. The whole winding was then shellaced in place.
>
> 73 and good luck with getting the modulator working.
>
> Roger/G3VKM
>
> --- In T-368_BC-610@yahoogroups.com, Dave Trainor <dave@> wrote:
> >
> > I know of the following web site, http://w1cki.net/Winding_a_BC610_Final_Coil.htm
> > W1CKI has nice pictures of making his own tank coil for 160m, this might give you some idea's but you would need a lot more inductance.
> > I have never tired this but had the site bookmarked so if I ever decide to try to put it on 160 I could duplicate his efforts.
> > Mine currently runs CW just fine but I have not gotten the modulator fully tested just yet, then again with my day job have not devoted much time to it over the past couple months.
> > I will get it on 3895 before summer....
> >
> > 73,
> > Dave N8ZFM
> >
> > From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of rbethman
> > Sent: Friday, March 01, 2013 3:52 PM
> > To: T-368_BC-610@yahoogroups.com
> > Subject: Re: [T-368_BC-610] BC-610 on 500kc?
> >
> >
> >

> > Roger,
> >
> > Way back in time, the U.S. Military did indeed run these around 500 KC.
> >
> > However, I don't see the 1-2MC PA coil being run there. It is far
> > easier to manipulate a TU to go down in frequency than it is a PA Coil.
> > Look at the difference in a 3MC PA Coil and the 1-2MC one. I haven't
> > even the remotest idea how to determine the number of additional turns
> > that PA Coil would require.
> >
> > Neither have I seen these available anywhere.
> >
> > Lots of luck!
> >
> > Bob - N0DGN
> >
> > On 3/1/2013 3:17 PM, Roger Basford wrote:
> > >
> > > Hi All,
> > >
> > > Has anyone ever come across a BC-610 being used on or around 500kc?
> > > Here in the UK we have a allocation around that neck of the woods and
> > > several people on the band use ex-marine rigs, some quite high-powered.
> > >
> > > I do have the TU and I think the PA coil for 1-2 Mc, maybe those could
> > > be "pulled-down" half a meg? Just thinking out loud really, maybe
> > > someone did this back in the day?
> > >
> > > 73
> > >
> > > Roger/G3VKM
> > >
> > > Norfolk, England.
> > >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> > --
> > This message was scanned by ESVA and is believed to be clean.
> > Click here to report this message as
spam.<http://h0stname/cgi-bin/learn-msg.cgi?id=65B1C28E01.B9CCA>
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

# 5476. Re: BC-610 on 500kc?

Yahoo group: T-368_BC-610
Date: 2013-03-03 21:40:46 UTC
From: Roger Basford
Topic: 5460  Message: 5476

Hi Jan,

Good to hear from you again. I too have several spare coils, mostly dried out and only good for parts, so I could reuse one of those but it looks from what others have said that I might need something larger than the standard coil former, possible a conversion to a PI tank.

Anyway, it's started a bit of a discussion on the group, I was beginning to think everyone had sold their BC-610s!

73

Roger

--- In T-368_BC-610@yahoogroups.com, "Jan" <wassink@...> wrote:
>
> i have +- 50 coils for 1.5<>2Mc the c_454 for sale
> NOS in paper but some in bat contion (dried out)
> when you see the coils and tu units in the mc509 for 1<>1.5MC then it must be possible to make some coils and tu units for the 500kc
> 73 PA3HCO
>
> --- In T-368_BC-610@yahoogroups.com, "Roger Basford" <Roger@> wrote:
> >
> > Hi Dave,
> >
> > Thanks for the link. I see that you need a thread cutter to make the wire groove in the former, might be an issue to those with little or no wood-working gear. I have come across a useful dodge for ensuring the spacing of the coil turns. On a Tiger TR-200 ham rig I have (from the late 1950s) the plug-in PA coils are just a smaller version of the BC-610 coils and the maker got the turn spacing right by using what looks like cotton string laid between the copper wire, this ensured equal spacing without the need for a groove. The whole winding was then shellaced in place.
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> > 73 and good luck with getting the modulator working.
> >
> > Roger/G3VKM
> >
> > --- In T-368_BC-610@yahoogroups.com, Dave Trainor <dave@> wrote:
> > >
> > > I know of the following web site, http://w1cki.net/Winding_a_BC610_Final_Coil.htm
> > > W1CKI has nice pictures of making his own tank coil for 160m, this might give you some idea's but you would need a lot more inductance.
> > > I have never tired this but had the site bookmarked so if I ever decide to try to put it on 160 I could duplicate his efforts.
> > > Mine currently runs CW just fine but I have not gotten the modulator fully tested

just yet, then again with my day job have not devoted much time to it over the past couple months.
> > > I will get it on 3895 before summer....
> > >
> > > 73,
> > > Dave N8ZFM
> > >
> > > From: T-368_BC-610@...m [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of rbethman
> > > Sent: Friday, March 01, 2013 3:52 PM
> > > To: T-368_BC-610@yahoogroups.com
> > > Subject: Re: [T-368_BC-610] BC-610 on 500kc?
> > >
> > >
> > >
> > > Roger,
> > >
> > > Way back in time, the U.S. Military did indeed run these around 500 KC.
> > >
> > > However, I don't see the 1-2MC PA coil being run there. It is far
> > > easier to manipulate a TU to go down in frequency than it is a PA Coil.
> > > Look at the difference in a 3MC PA Coil and the 1-2MC one. I haven't
> > > even the remotest idea how to determine the number of additional turns
> > > that PA Coil would require.
> > >
> > > Neither have I seen these available anywhere.
> > >
> > > Lots of luck!
> > >
> > > Bob - N0DGN
> > >
> > > On 3/1/2013 3:17 PM, Roger Basford wrote:
> > > >
> > > > Hi All,
> > > >
> > > > Has anyone ever come across a BC-610 being used on or around 500kc?
> > > > Here in the UK we have a allocation around that neck of the woods and
> > > > several people on the band use ex-marine rigs, some quite high-powered.
> > > >
> > > > I do have the TU and I think the PA coil for 1-2 Mc, maybe those could
> > > > be "pulled-down" half a meg? Just thinking out loud really, maybe
> > > > someone did this back in the day?
> > > >
> > > > 73
> > > >
> > > > Roger/G3VKM
> > > >
> > > > Norfolk, England.
> > > >
> > >
> > > [Non-text portions of this message have been removed]
> > >

> > >
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> > > This message was scanned by ESVA and is believed to be clean.
> > > Click here to report this message as
spam.<http://h0stname/cgi-bin/learn-msg.cgi?id=65B1C28E01.B9CCA>
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
>

# 5477. T-368 for sale (fwd)

Yahoo group: T-368_BC-610
Date: 2013-03-05 19:37:47 UTC
From: John Poulton
Topic: 5477  Message: 5477

Folks,

This is a posting for another ham, not on the list, who lives near Charthage, NC, John Freeman W7KPB. Also posted this to boatanchors, so please excuse the duplication for many of you.

PLEASE CONTACT JOHN FREEMAN, NOT ME: His email is:

w7kpb@...

John has at least one T-368 for sale. It's "fresh" from a depot, and in fairly nice cosmetic condition, unmodified, as far as I was able to tell from a quick inspection. John's asking $1000 for it, pickup only in Carthage, but he says there will likely be a "door prize" (parts, rolls of coax, bench power supply, or whatever) for the lucky buyer :)

73, John K4OZY

# 5478. Plate Current Meter and High voltage problem

Yahoo group: T-368_BC-610
Date: 2013-03-15 22:55:18 UTC
From: Dangerous Don
Topic: 5478  Message: 5478

I have a T 368 and it's had a few mods done to it over the years and I bought this back in Dec and today was the first time I've tried to get it fired up so to speak. The mods were done by a guy named Ken K8TV and they look very well done. He drew up the plans of the changes he made and my buddy came over today to see how the smoke test went. He is very good at reading schematics where I know very little. Here is the problem I ran into today. My PA Plate meter has 3 wires on the back of it, I took them off to do some cleaning and after a few weeks of them being off I don't remember which wire went where. My friend Doug can follow the schematics and sees just where the main 2 wires go but now where does the third one go on the postive on the meter or the other side.
We are not getting any High Voltage up to the meter it looks like as there is no deflection when we turn on the Plate power switch and the red light doesn't light up. We have Fil Voltage and the Excitation meter is working just nothing on the P A Plate. I have cleaned the inter locks and done all I know what to do and I don't even know were to start testing. If anyone can help Please jump in you can e mail me or call my cell 859-396-2299 ...

# 5479. Re: [T-368_BC-610] Plate Current Meter and High voltage problem

Yahoo group: T-368_BC-610
Date: 2013-03-16 00:38:06 UTC
From: w5kgz@...
Topic: 5478  Message: 5479

Check the hi voltage  fuse. Does the hi voltage contactor activate when the hi v oltage sw is turned on? If the meter wires are reversed the meter will read back wards
if so reverse leads.  BECARFUL  YOU ARE FOOLING WITH 2400 dc.  let me hear of your success, or nrad more bum stears

Perry w5kgz

From: Dangerous Don <wc4don@...>
To: T-368_BC-610@yahoogroups.com
Sent: Friday, March 15, 2013 5:55 PM
Subject: [T-368_BC-610] Plate Current Meter and High voltage problem

I have a T 368 and it's had a few mods done to it over the years and I bought this back in Dec and today was the first time I've tried to get it fired up so to speak. The mods were done by a guy named Ken K8TV and they look very well done. He drew up the plans of the changes he made and my buddy came over today to see how the smoke test went. He is very good at reading schematics where I know very little. Here is the problem I ran into today. My PA Plate meter has 3 wires on the back of it, I took them off to do some cleaning and after a few weeks of them being off I don't remember which wire went where. My friend Doug can follow the schematics and sees just where the main 2 wires go but now where does the third one go on the postive on the meter or the other side.
We are not getting any High Voltage up to the meter it looks like as there is no deflection when we turn on the Plate power switch and the red light doesn't light up. We have Fil Voltage and the Excitation meter is working just nothing on the P A Plate. I have cleaned the inter locks and done all I know what to do and I don't even know were to start testing. If anyone can help Please jump in you can e mail me or call my cell 859-396-2299 ...

[Non-text portions of this message have been removed]

# 5480. Re: [T-368_BC-610] Plate Current Meter and High voltage problem

Yahoo group: T-368_BC-610
Date: 2013-03-16 01:24:04 UTC
From: mac
Topic: 5478  Message: 5480

Stock T-368 has only has two leads connected to the PA current meter.
Modified unit, all bets are off! Disconnect the AC power, close it
up and keep away from it until you get K8TV or somebody else who
really knows what they're doing over to straighten it out. Are you
licensed, BTW? WC4DON doesn't come up on QRZ....

Dennis D. W7QHO
Glendale, CA

**********
On Mar 15, 2013, at 3:55 PM, Dangerous Don wrote:

> I have a T 368 and it's had a few mods done to it over the years and
> I bought this back in Dec and today was the first time I've tried to
> get it fired up so to speak. The mods were done by a guy named Ken
> K8TV and they look very well done. He drew up the plans of the
> changes he made and my buddy came over today to see how the smoke
> test went. He is very good at reading schematics where I know very
> little. Here is the problem I ran into today. My PA Plate meter has
> 3 wires on the back of it, I took them off to do some cleaning and
> after a few weeks of them being off I don't remember which wire went
> where. My friend Doug can follow the schematics and sees just where
> the main 2 wires go but now where does the third one go on the
> postive on the meter or the other side.
> We are not getting any High Voltage up to the meter it looks like as
> there is no deflection when we turn on the Plate power switch and
> the red light doesn't light up. We have Fil Voltage and the
> Excitation meter is working just nothing on the P A Plate. I have
> cleaned the inter locks and done all I know what to do and I don't
> even know were to start testing. If anyone can help Please jump in
> you can e mail me or call my cell 859-396-2299 ...
>
>

[Non-text portions of this message have been removed]

# 5481. WTB VC100 vacuum cap

Yahoo group: T-368_BC-610
Date: 2013-03-16 20:41:08 UTC
From: m1fdz
Topic: 5481  Message: 5481

My VC 100 vacuum cap has just imploded for some wierd and unknown reason, we just had a lightening storm and I wonder if I sustained a direct hit but puzzling as everything else is working and no signs of burning, the Beast fires up ok on other bands and tests OK even with the monitor scope looks good. So if anyone has a spare then I would be most grateful, 73, Max (in UK at the moment)
M0GHQ/W8BX

# 5482. Re: WTB VC100 vacuum cap

Yahoo group: T-368_BC-610
Date: 2013-03-16 21:21:29 UTC
From: Alan Morriss
Topic: 5481  Message: 5482

hello max. i have some 50 pf ones . i have forgotten the value , and the manual is down at the tank shed. in the HO17 . if one would be of any use , i will post it to you. cheers, alan

[Non-text portions of this message have been removed]

# 5483. Re: WTB VC100 vacuum cap

Yahoo group: T-368_BC-610
Date: 2013-03-17 09:11:42 UTC
From: Roger Basford
Topic: 5481  Message: 5483

Max,

Isn't the vacuum cap only fitted for the 2.0-2.5Mc range? In other words, do you need it? We are talking about the capacitor that clips into the top of the PA tuning capacitor, not those used in the BC-939?

Like Alan, I do have some spares.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "m1fdz" <M1FDZ@...> wrote:
>
> My VC 100 vacuum cap has just imploded for some wierd and unknown reason, we just had a lightening storm and I wonder if I sustained a direct hit but puzzling as everything else is working and no signs of burning, the Beast fires up ok on other bands and tests OK even with the monitor scope looks good. So if anyone has a spare then I would be most grateful, 73, Max (in UK at the moment)
> M0GHQ/W8BX
>

# 5484. WTD: BC-614-E Mains transformer

Yahoo group: T-368_BC-610
Date: 2013-03-18 14:52:15 UTC
From: Roger Basford
Topic: 5484  Message: 5484

Hi All,

I fired up my BC-610 today after winter hibernation and find I have no audio on transmit. After a probe around with the test meter it looks like the 250-0-250 secondary winding of the BC-614-E is down, it's completely open circuit between both windings and centre tap.

Does any one have a junker BC-614 that has the correct transformer (T-103). Alternatively, a transformer with similar windings will do, provided it is roughly similar in size to the original. Primary is 0-115v and secondary windings are 250-0-250, 6.3-0-6.3 at 2 amps and 0-5V at 2 amps. The five volt winding is not essential as I can replace the type 80 rectifier with silicon diodes. I'd guess the 250v rail needs to deliver about 80-100ma? I have a couple of transformers that might do the job, but neither have a 110-115v primary.

Fair price plus airmail postage paid.

73

Roger/G3VKM

# 5485. transformer

Yahoo group: T-368_BC-610
Date: 2013-03-18 21:01:48 UTC
From: Alan Morriss
Topic: 5485  Message: 5485

hello roger , why not get it rewound by majestic. ? they have done really good jobs for me. the mains transformer for the lorenz is excellent .richard G7RVI also has rewinding equipment and might be a lot cheaper. alan

[Non-text portions of this message have been removed]

# 5486. Re: transformer

Yahoo group: T-368_BC-610
Date: 2013-03-18 21:43:30 UTC
From: Roger Basford
Topic: 5485  Message: 5486

Hi Alan,

I have a feeling that the transformers used in the BC-614 have a bituminous potting and wouldn't be easy to un-pot for rewinding, hence expensive. Unless someone comes up with a genuine item from a 614 junker I will probably just use a modern replacement.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello roger , why not get it rewound by majestic. ? they have done really good jobs for me. the mains transformer for the lorenz is excellent .richard G7RVI also has rewinding equipment and might be a lot cheaper. alan
>
> [Non-text portions of this message have been removed]
>

# 5487. transformer

Yahoo group: T-368_BC-610
Date: 2013-03-19 09:06:52 UTC
From: Alan Morriss
Topic: 5485  Message: 5487

hello roger , when i rebuilt my VRL receiver i obtained a direct 115v replacement transformer from Hammond in canada . they made the originals . i would bet that they would do one to suit you. alan

[Non-text portions of this message have been removed]

# 5488. Re: transformer

Yahoo group: T-368_BC-610
Date: 2013-03-19 13:59:36 UTC
From: Roger Basford
Topic: 5485  Message: 5488

Thanks Alan,

I have looked at Hammond and they may have something suitable but I'll hang on for a while. Danbury Electronics did my SX-28 replacement mains transformer but their standard product line is now sold through a UK dealer who puts a heinious amount of postage on shipments. A shame, as they have an ideal replacement for what I need, £30 but plus £12 carriage for something less than a kilo within the UK!

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
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>
> [Non-text portions of this message have been removed]
>

# 5489. Re: [T-368_BC-610] Re: transformer

Yahoo group: T-368_BC-610
Date: 2013-03-19 20:01:51 UTC
From: Joe Foley
Topic: 5485  Message: 5489

It'd be cheaper to walk over and get it!  Take the dog with you, no sense going for a walk without a dog.

Joe

--- On Tue, 3/19/13, Roger Basford <Roger@...> wrote:

From: Roger Basford <Roger@....uk>
Subject: [T-368_BC-610] Re: transformer
To: T-368_BC-610@...m
Date: Tuesday, March 19, 2013, 9:59 AM

Thanks Alan,

I have looked at Hammond and they may have something suitable but I'll hang on for a while. Danbury Electronics did my SX-28 replacement mains transformer but their standard product line is now sold through a UK dealer who puts a heinious amount of postage on shipments. A shame, as they have an ideal replacement for what I need, £30 but plus £12 carriage for something less than a kilo within the UK!

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:

>

> hello roger , when i rebuilt my VRL receiver i obtained a direct 115v replacement transformer from Hammond in canada . they made the originals . i would bet that they would do one to suit you. alan

>

> [Non-text portions of this message have been removed]

>

[Non-text portions of this message have been removed]

# 5490. Re: transformer

Yahoo group: T-368_BC-610
Date: 2013-03-20 20:59:24 UTC
From: Roger Basford
Topic: 5485  Message: 5490

Hi Joe,

You're right! Unfortunately, it looks like I'll have to bite the bullet and pay the excessive postage, as other UK transformer makers seem to be even more pricey. :-((

Cheers

Roger

--- In T-368_BC-610@yahoogroups.com, Joe Foley <redmenaced@...> wrote:
>
> It'd be cheaper to walk over and get it!Â  Take the dog with you, no sense going for a walk without a dog.
>
> Joe
>
>
>
>
> --- On Tue, 3/19/13, Roger Basford <Roger@...> wrote:
>
> From: Roger Basford <Roger@...>
> Subject: [T-368_BC-610] Re: transformer
> To: T-368_BC-610@yahoogroups.com
> Date: Tuesday, March 19, 2013, 9:59 AM
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>
> Thanks Alan,
>
>
>
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>
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> 73
>
>
>
> Roger/G3VKM
>
>
>
> --- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@> wrote:
>
> >
>
> > hello roger , when i rebuilt my VRL receiver i obtained a direct 115v replacement transformer from Hammond in canada . they made the originals . i would bet that they would do one to suit you. alan
>
> >
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> > [Non-text portions of this message have been removed]
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# 5491. Re: [T-368_BC-610] Re: transformer

Yahoo group: T-368_BC-610
Date: 2013-03-20 23:08:15 UTC
From: Joe Foley
Topic: 5485  Message: 5491

Well, at least they are proud of their work.  It wouldn't be good if they weren't!

Joe

--- On Wed, 3/20/13, Roger Basford <Roger@....uk> wrote:

From: Roger Basford <Roger@...>
Subject: [T-368_BC-610] Re: transformer
To: T-368_BC-610@yahoogroups.com
Date: Wednesday, March 20, 2013, 4:59 PM

Hi Joe,

You're right! Unfortunately, it looks like I'll have to bite the bullet and pay the excessive postage, as other UK transformer makers seem to be even more pricey. :-((

Cheers

Roger

--- In T-368_BC-610@yahoogroups.com, Joe Foley <redmenaced@...> wrote:

>

> It'd be cheaper to walk over and get it!Â  Take the dog with you, no sense going for a walk without a dog.

>

> Joe

>

>

>

>

> --- On Tue, 3/19/13, Roger Basford <Roger@...> wrote:

>

> From: Roger Basford <Roger@...>

> Subject: [T-368_BC-610] Re: transformer

> To: T-368_BC-610@yahoogroups.com

> Date: Tuesday, March 19, 2013, 9:59 AM

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> Thanks Alan,

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>

> I have looked at Hammond and they may have something suitable but I'll hang on for a while. Danbury Electronics did my SX-28 replacement mains transformer but their standard product line is now sold through a UK dealer who puts a heinious amount of postage on shipments. A shame, as they have an ideal replacement for what I need, Â£30 but plus Â£12 carriage for something less than a kilo within the UK!

>

>

>

> 73

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> Roger/G3VKM

>

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>

> --- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@> wrote:

>

> >

>

> > hello roger , when i rebuilt my VRL receiver i obtained a direct 115v replacement transformer from Hammond in canada . they made the originals . i would bet that they would do one to suit you. alan

>

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> > [Non-text portions of this message have been removed]

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> [Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 5492. shelters for sale

Yahoo group: T-368_BC-610
Date: 2013-04-05 15:36:12 UTC
From: Jan
Topic: 5492  Message: 5492

hello group
now in the Netherlands for sale 2x shelter ho 17
1x with bc610-e en 1x bc610g/h/i??
verry complete
http://www.marktplaats.nl/a/verzamelen/militaria-tweede-wereldoorlog/m662582033-radio-shelter-scr-399-aggregaat.html?c=8c285449651fa109c354bbabe740c1b&previousPage=lr
http://www.marktplaats.nl/a/verzamelen/militaria-tweede-wereldoorlog/m659987835-radioshelter-scr-399.html?c=8c285449651fa109c354bbabe740c1b&previousPage=lr
73 pa3hco

# 5493. Re: [T-368_BC-610] shelters for sale

Yahoo group: T-368_BC-610
Date: 2013-04-05 16:16:25 UTC
From: rbethman
Topic: 5492  Message: 5493

Jan,

1) *IF* I could afford to purchase it - THEN

2) I'd have to ship it to the US. - AND [Most importantly!]

3) Do you know what a divorce would cost me?

ROTFLMAO! [Trust me! It is cheaper to KEEP her!]

Bob - N0DGN

On 4/5/2013 11:36 AM, Jan wrote:
>
> hello group
> now in the Netherlands for sale 2x shelter ho 17
> 1x with bc610-e en 1x bc610g/h/i??
> verry complete
>
> 73 pa3hco
>

[Non-text portions of this message have been removed]

# 5494. Re: [T-368_BC-610] shelters for sale

Yahoo group: T-368_BC-610
Date: 2013-04-05 16:20:17 UTC
From: bob mccully
Topic: 5492  Message: 5494

---

Bob, Would she believe that it was a camper? Bob AB8OP

[Non-text portions of this message have been removed]

# 5495. Re: [T-368_BC-610] shelters for sale

Yahoo group: T-368_BC-610
Date: 2013-04-05 16:47:56 UTC
From: rbethman
Topic: 5492  Message: 5495

Bob - I don't think that would work too well. She spent over 18 years married to me while I was in uniform!

She'd recognize ANYTHING that resembled Military *INSTANTLY*!

Besides, with a BC-610 and a T-213 in the shack already, she already knows what things would look like as soon as the door would open! [LOL!]

There just are sometimes that you just can't get away with it.

Bob - N0DGN

On 4/5/2013 12:20 PM, bob mccully wrote:
>
> _____
>
> Bob, Would she believe that it was a camper? Bob AB8OP
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 5496. Re: shelters for sale

Yahoo group: T-368_BC-610
Date: 2013-04-05 17:02:13 UTC
From: Roger Basford
Topic: 5492  Message: 5496

Jan is that 2750.00 euros for the truck? If so, it seems a very reasonable price!

You must tell Alan, I see it has a typewriter inside!

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Jan" <wassink@...> wrote:
>
> hello group
> now in the Netherlands for sale 2x shelter ho 17
> 1x with bc610-e en 1x bc610g/h/i??
> verry complete
> http://www.marktplaats.nl/a/verzamelen/militaria-tweede-wereldoorlog/m662582033-radio-shelter-scr-399-aggregaat.html?c=8c285449651fa109c354bbabe740c1b&previousPage=lr
> http://www.marktplaats.nl/a/verzamelen/militaria-tweede-wereldoorlog/m659987835-radioshelter-scr-399.html?c=8c285449651fa109c354bbabe740c1b&previousPage=lr
> 73 pa3hco
>

# 5497. Re: [T-368_BC-610] shelters for sale

Yahoo group: T-368_BC-610
Date: 2013-04-05 17:25:33 UTC
From: pa3gyu
Topic: 5492  Message: 5497

Jan,

On 5-4-2013 17:36, Jan wrote:
> hello group
> now in the Netherlands for sale 2x shelter ho 17
> 1x with bc610-e en 1x bc610g/h/i??
> verry complete
This is confusing. The add on marktplaats.nl only mentiones one shelter.
No price. The last quote I heard from somebody who inquired on the GAF
add (released earlier) mentioned only one shelter and asking price is
was waaaaaaay over EUR 2750.

Do you know something that's not written in the add?
E-mail me :-) !!

BartW.

# 5498. HO17

Yahoo group: T-368_BC-610
Date: 2013-04-05 20:03:34 UTC
From: Alan Morriss
Topic: 4476  Message: 5498

hello guys , it looks a nice one , and as roger says , i could do with that typewriter !
alan G4GEN

[Non-text portions of this message have been removed]

# 5499. Re: HO17

Yahoo group: T-368_BC-610
Date: 2013-04-06 06:07:44 UTC
From: Roger Basford
Topic: 4476  Message: 5499

Hi Alan,

Ref the typewriter I mentioned that I'd found in an SK clear-out; it's unfortunately not the type you want but a conventional office type, sorry about that. I did unearth a nice condition Creed 75 teleprinter and that was quickly snapped up on the VMARS-Collector group.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello guys , it looks a nice one , and as roger says , i could do with that typewriter ! alan G4GEN
>
> [Non-text portions of this message have been removed]
>

# 5500. Re: [T-368_BC-610] shelters for sale

Yahoo group: T-368_BC-610
Date: 2013-04-06 08:29:25 UTC
From: pa3gyu
Topic: 5492  Message: 5500

All,

Just had a nice telephone call from Jan, to clear things up.

My e-mail reader had mashed up the two links in Jan's original e-mail
and it showed up as one, hence the confusion.

The first link is for a shelter+generator, price on request.
The second link involves only a shelter, price EUR 2750.

Sorry for the noise I may have introduced :-)

BartW.

# 5501. PE94

Yahoo group: T-368_BC-610
Date: 2013-04-06 13:02:50 UTC
From: Alan Morriss
Topic: 5501  Message: 5501

hell bart , if anyone wants the shelter without the generator , i would be most interested. our one was converted to 220V , and i am looking for a complete PE95 or just the 110V generator. cheers, alan G4GEN

[Non-text portions of this message have been removed]

# 5502. Re: [T-368_BC-610] PE94

Yahoo group: T-368_BC-610
Date: 2013-04-07 19:56:53 UTC
From: pa3gyu
Topic: 5501  Message: 5502

Alan,

> hell bart , if anyone wants the shelter without the generator
:-)

Don't worry, that scenario was already playing up in our heads too...

BartW.

# 5503. Re: [T-368_BC-610] PE94

Yahoo group: T-368_BC-610
Date: 2013-04-07 21:38:27 UTC
From: wa5cab@...
Topic: 5501  Message: 5503

I think the originator meant "PE-95". A PE-94 is the 24 VDC input dynamotor power supply for the SCR-522.

In a message dated 4/7/2013 2:56:52 PM Central Daylight Time, pa3gyu@... writes:

> Alan,
>
> >hell bart , if anyone wants the shelter without the generator
> :-)
>
> Don't worry, that scenario was already playing up in our heads too...
>
> BartW.
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 5504. Finding a T-368

Yahoo group: T-368_BC-610
Date: 2013-04-18 14:27:05 UTC
From: w9bhi
Topic: 5504  Message: 5504

Hello everyone,
I am new to the group and have a great interest in Boatanchor AM Ham radio.
I am trying to find a working T-368 to add to my lineup.
Anyone out there have one they would like to sell?
I would be willing to travel a few hundred miles to pick it up.
Thanks,
Don W9BHI

# 5505. Re: Finding a T-368

Yahoo group: T-368_BC-610
Date: 2013-04-19 16:59:13 UTC
From: KA4KOE
Topic: 5504  Message: 5505

My only caveat is how in the world do you get one of these babies upstairs? Do the various sections disconnect from each other? My shack is upstairs, btw.

Philip
KA4KOE

# 5506. Re: [T-368_BC-610] Re: Finding a T-368

Yahoo group: T-368_BC-610
Date: 2013-04-19 17:06:02 UTC
From: John Poulton
Topic: 5504  Message: 5506

Philip,

It's difficult but not impossible. The three drawers can be removed easily (4 screws and one or two connectors), and the top two can easily be carried by one person.. even if that person is me, and I'm old and tired :) The bottom drawer... well, that's another story. Two man carry, for sure. It's seriously heavy.

Finally, there's the cabinet. It's very well made, i.e., heavy. I think it should be fairly straightforward for 2 people to grunt it up a set of stairs. Forget the exacty weight, but it's definitely possible for 2 people to move it.

When I bought my first T-3 about 8-9 years ago, I was able to get it out of its then location, on the 2nd story of a house, and down to my truck with help from another elderly gent. Wasn't that much of a hassle.. :)

That help?

73, John K4OZY

On Fri, 19 Apr 2013, KA4KOE wrote:

> 
> 
> My only caveat is how in the world do you get one of these babies upstairs? Do the various
> sections disconnect from each other? My shack is upstairs, btw.
> 
> Philip
> KA4KOE
> 

[Non-text portions of this message have been removed]

# 5507. Re: [T-368_BC-610] Re: Finding a T-368

Yahoo group: T-368_BC-610
Date: 2013-04-19 17:51:10 UTC
From: aa9il@...
Topic: 5504  Message: 5507

yes, they come out as trays - RF, modulator, PSU
and the cabinet.  The PSU is a bear.
I got mine from someone who had it in a basement with a narrow
stairway - oh joy....
73 de Mike
AA9IL

--- On Fri, 4/19/13, KA4KOE <kmg5443@...> wrote:

From: KA4KOE <kmg5443@...>
Subject: [T-368_BC-610] Re: Finding a T-368
To: T-368_BC-610@yahoogroups.com
Date: Friday, April 19, 2013, 11:59 AM

My only caveat is how in the world do you get one of these babies upstairs? Do the various sections disconnect from each other? My shack is upstairs, btw.

Philip

KA4KOE

[Non-text portions of this message have been removed]

# 5508. Re: [T-368_BC-610] Re: Finding a T-368

Yahoo group: T-368_BC-610
Date: 2013-04-19 18:41:26 UTC
From: mac
Topic: 5504  Message: 5508

Moved a pair of these into and out of basement shacks and across country over the years. Manageable solo with a good hand truck, ramps, etc.. Two strong guys definitely the best way to go, though, and pushing 80 now I definitely go for help. The PS is the heaviest component but the cabinet can be a problem too because of it's bulk.

Worth the trouble, though. Great radio!

Dennis D. W7QHO
Glendale, CA

**********

On Apr 19, 2013, at 9:59 AM, KA4KOE wrote:

> My only caveat is how in the world do you get one of these babies
> upstairs? Do the various sections disconnect from each other? My
> shack is upstairs, btw.
>
> Philip
> KA4KOE
>
>

[Non-text portions of this message have been removed]

# 5509. RE: [T-368_BC-610] Re: Finding a T-368

Yahoo group: T-368_BC-610
Date: 2013-04-19 18:49:26 UTC
From: Thekan, Paul
Topic: 5504  Message: 5509

All..

Removing the 3 drawers is a must and yes the bottom power supply drawer is a two man operation. I used a appliance hand truck to move the cabinet. The strap on the hand truck holds the cabinet in place. If you're in reasonable shape one can handle the cabinet on the hand truck on level ground. I use a come along tied onto the hand truck to get mine into the back of my truck.

This is the only radio I own that I need to use my floor jack on...when removing the bottom power supply drawer to service.

Paul
N6FEG

---
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of John Poulton
Sent: Friday, April 19, 2013 10:06 AM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] Re: Finding a T-368

Philip,

It's difficult but not impossible. The three drawers can be removed easily (4 screws and one or two connectors), and the top two can easily be carried by one person.. even if that person is me, and I'm old and tired :) The bottom drawer... well, that's another story. Two man carry, for sure. It's seriously heavy.

Finally, there's the cabinet. It's very well made, i.e., heavy. I think it should be fairly straightforward for 2 people to grunt it up a set of stairs. Forget the exacty weight, but it's definitely possible for 2 people to move it.

When I bought my first T-3 about 8-9 years ago, I was able to get it out of its then location, on the 2nd story of a house, and down to my truck with help from another elderly gent. Wasn't that much of a hassle.. :)

That help?

73, John K4OZY

On Fri, 19 Apr 2013, KA4KOE wrote:

>
>
> My only caveat is how in the world do you get one of these babies upstairs? Do the various

> sections disconnect from each other? My shack is upstairs, btw.
>
> Philip
> KA4KOE
>

[Non-text portions of this message have been removed]

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prohibited and may be unlawful. If you are not the intended recipient,
please notify the sender by replying to this message and then delete it from
your system.

[Non-text portions of this message have been removed]

# 5510. Re: [T-368_BC-610] Re: Finding a T-368

Yahoo group: T-368_BC-610
Date: 2013-04-19 19:02:48 UTC
From: Mark Foltarz
Topic: 5504  Message: 5510

If you remove the transformer from the power supply deck it lightens it up considerably so that one person can move a T3.

I did the same for my BC610E and my GPT750.

de KA4JVY

Mark

>_____
> From: KA4KOE <kmg5443@...>
>To: T-368_BC-610@yahoogroups.com
>Sent: Friday, April 19, 2013 12:59 PM
>Subject: [T-368_BC-610] Re: Finding a T-368
>
>
>
>
>My only caveat is how in the world do you get one of these babies upstairs? Do the various sections disconnect from each other? My shack is upstairs, btw.
>
>Philip
>KA4KOE
>
>
>
>
>

[Non-text portions of this message have been removed]

# 5511. Re: [T-368_BC-610] Finding a T-368

Yahoo group: T-368_BC-610
Date: 2013-04-19 20:59:33 UTC
From: Mark J. Blair
Topic: 5504  Message: 5511

On Apr 19, 2013, at 09:59 , KA4KOE <kmg5443@...> wrote:
> My only caveat is how in the world do you get one of these babies upstairs? Do the various sections disconnect from each other? My shack is upstairs, btw.

As others have said, remove the drawers, get an appliance hand truck, and borrow a friend.

Or, do it the way I did:

http://www.nf6x.net/2011/12/t-368c-first-smoke-test/

;-)

Good luck in your quest to find a T-368 close to you!

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 5512. Re: [T-368_BC-610] Re: Finding a T-368

Yahoo group: T-368_BC-610
Date: 2013-04-20 00:25:07 UTC
From: Todd, KA1KAQ
Topic: 5504  Message: 5512

As others have said, the trick to an easy move is at least one other person. While I can say I've removed and moved the heavy power supply deck myself, I'd stop short of saying that I carried it any distance. One of those situations where wanting something badly enough makes you feel young and stupid again.

The cabinet would be the toughest part to move upstairs simply due to its bulk. The three drawers are basically the same hassle with varying degrees of heft.

One word of advice: when moving the drawers, use gloves. There are hand hole cutouts on the side panels that make moving each drawer with its front handles much easier as well as lifting it in and out of the cabinet. But the edge will dig into your hands nicely.

And despite his advanced condition, I'd bet JP/K4OZY could run circles around most guys his age and many younger. I can tell you that his radio building is held in place quite well with some h-e-a-v-y TMC and other gear that didn't just materialize there, along with many other heavy items in his shop. For what it's worth -

~ Todd, KA1KAQ/4

On Fri, Apr 19, 2013 at 12:59 PM, KA4KOE <kmg5443@...> wrote:

> **
>
>
> My only caveat is how in the world do you get one of these babies
> upstairs? Do the various sections disconnect from each other? My shack is
> upstairs, btw.
>
> Philip
> KA4KOE
>
>
>

[Non-text portions of this message have been removed]

# 5513. Re: [T-368_BC-610] Finding a T-368

Yahoo group: T-368_BC-610
Date: 2013-04-20 01:23:18 UTC
From: Robert Nickels
Topic: 5504  Message: 5513

On 4/19/2013 3:59 PM, Mark J. Blair wrote:
> As others have said, remove the drawers, get an appliance hand truck,
> and borrow a friend.
I think there's a perverse law of nature that prevents T-368s from being installed on ground-floor, easily accessible locations. Although that's where mine is now, it came from a house at the top of a steep driveway, with a sloping backyard that led around a rough and bumpy yard to a back porch. But two of us and a little wheelie-garden cart managed to move the decks and "mainframe" just fine. I'd still be trying to back the U-Haul up that driveway, but fortunately the seller offered to do the honors.

I think I may still have the picture somewhere of the T-3 being fork-lifted into a 2nd story hamshack!

73, Bob W9RAN

# 5514. Re: [T-368_BC-610] Finding a T-368

Yahoo group: T-368_BC-610
Date: 2013-04-20 01:47:53 UTC
From: mac
Topic: 5504  Message: 5514

I'll second that one! :^)

Dennis D. W7QHO
Glendale, CA

**********
On Apr 19, 2013, at 6:23 PM, Robert Nickels wrote (in part):

> I think there's a perverse law of nature that prevents T-368s from
> being
> installed on ground-floor, easily accessible locations.

[Non-text portions of this message have been removed]

# 5515. Re: [T-368_BC-610] Finding a T-368

Yahoo group: T-368_BC-610
Date: 2013-04-20 03:28:57 UTC
From: Mark Donaldson
Topic: 5504  Message: 5515

I have moved two T-368s by myself and it can be done by removing the plate transformer and filter choke from the power supply deck, simple bolt in job. This will really save on back damage. After that the heaviest thing to deal with is the cabinet. The cabinet can be lightened up considerably by removing the back panel and blower assembly. Believe it or not the T-3 can be moved in a fairly small vehicle such as a Volvo station wagon, Subaru Outback etc. although I would avoid going over any potholes with that much weight on the springs.

Mark WA1QHQ

---
From: Mark J. Blair <nf6x@...>
To: T-368_BC-610@yahoogroups.com
Sent: Friday, April 19, 2013 4:59 PM
Subject: Re: [T-368_BC-610] Finding a T-368

On Apr 19, 2013, at 09:59 , KA4KOE <mailto:kmg5443%40yahoo.com> wrote:
> My only caveat is how in the world do you get one of these babies upstairs? Do the various sections disconnect from each other? My shack is upstairs, btw.

As others have said, remove the drawers, get an appliance hand truck, and borrow a friend.

Or, do it the way I did:

http://www.nf6x.net/2011/12/t-368c-first-smoke-test/

;-)

Good luck in your quest to find a T-368 close to you!

--
Mark J. Blair, NF6X <mailto:nf6x%40nf6x.net>
http://www.nf6x.net/

[Non-text portions of this message have been removed]

# 5516. Re: [T-368_BC-610] Re: Finding a T-368

Yahoo group: T-368_BC-610
Date: 2013-04-20 11:08:46 UTC
From: Dave Mayfield W9WRL
Topic: 5504  Message: 5516

Yes, all three decks will slide out. The power supply deck is still
heavy, but should not be to hard with a two wheel cart.

W9WRL.com

KA4KOE wrote:
>
> My only caveat is how in the world do you get one of these babies
> upstairs? Do the various sections disconnect from each other? My shack
> is upstairs, btw.
>
> Philip
> KA4KOE
>
>
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2012.0.2241 / Virus Database: 3162/5760 - Release Date: 04/20/13
>

--
73 Dave W9WRL
http://www.w9wrl.com/w9wrl
http://www.facebook.com/w9wrl
http://www.facebook.com/qchams
Twitter @w9wrl

# 5517. Re: [T-368_BC-610] Re: Finding a T-368

Yahoo group: T-368_BC-610
Date: 2013-04-20 11:12:03 UTC
From: Dave Mayfield W9WRL
Topic: 5504  Message: 5517

This talk reminds me. A friend of mine bought a Collins KW-1 Ser#1 in fact. It was in New York City as I recall on the 13 or so floor.

When I bought my T-3 a few years back, I was able to just back my trailer to my shack door and just roll it in. My shack is in the basement with a walk out door to the yard, very easy for me.

73 Dave W9WRL

aa9il@... wrote:
>
>
> yes, they come out as trays - RF, modulator, PSU
> and the cabinet. The PSU is a bear.
> I got mine from someone who had it in a basement with a narrow
> stairway - oh joy....
> 73 de Mike
> AA9IL
>
> --- On Fri, 4/19/13, KA4KOE <kmg5443@...
> <mailto:kmg5443%40yahoo.com>> wrote:
>
> From: KA4KOE <kmg5443@... <mailto:kmg5443%40yahoo.com>>
> Subject: [T-368_BC-610] Re: Finding a T-368
> To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> Date: Friday, April 19, 2013, 11:59 AM
>
>
>
> My only caveat is how in the world do you get one of these babies
> upstairs? Do the various sections disconnect from each other? My shack
> is upstairs, btw.
>
> Philip
>
> KA4KOE
>
> [Non-text portions of this message have been removed]
>
>
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2012.0.2241 / Virus Database: 3162/5760 - Release Date: 04/20/13
>

--
73 Dave W9WRL
http://www.w9wrl.com/w9wrl
http://www.facebook.com/w9wrl
http://www.facebook.com/qchams
Twitter @w9wrl

# 5518. T-368 Weights

Yahoo group: T-368_BC-610
Date: 2013-04-20 12:32:32 UTC
From: Steve Hobensack
Topic: 5518  Message: 5518

The approximate weights of the units:
RF Deck 90 Lbs
Mod Deck 175 Lbs
Power Supply Deck without Transf/choke 150 Lbs
Removed Trans/choke 150 Lbs
Cabnet 150 lbs

My Xyl and I moved these down a circular staircase with a hand truck.
The most difficult unit was the cabnet due to size. We punched a corner
into the drywall.

Steve N8YE

[Non-text portions of this message have been removed]

# 5519. Re: [T-368_BC-610] Re: Finding a T-368

Yahoo group: T-368_BC-610
Date: 2013-04-20 18:18:06 UTC
From: Todd, KA1KAQ
Topic: 5504  Message: 5519

On Sat, Apr 20, 2013 at 7:12 AM, Dave Mayfield W9WRL <wrl@...> wrote:

>
> This talk reminds me. A friend of mine bought a Collins KW-1 Ser#1 in
> fact. It was in New York City as I recall on the 13 or so floor.
>
>
>
>
>
>
> Not a big problem when the transmitter is mounted on casters. I roll #89 around easily thanks to the base I made for it years ago. Of course, trying to get it up onto the base by myself resulted in getting pinned against the wall for about half an hour until someone found me. Still amazed I survived the 'young and dumb' years.

When I found it in 1988, a buddy & I took his pickup to get it. It had been left laying on its side in the grass next to the antique shop that sold it. We had nothing with us to deal with a 6 foot transmitter (long story), so we simply backed his truck up to it, removed the tailgate, slid out a piece of 3/4 inch plywood he had in the bed and laid it from the bed to the ground. We then stood the transmitter up, laid it back onto the plywood, grabbed the plywood on each side and lifted/slid it into the bed. He was in his 50s at the time and I was in my late 20s. Not sure I could do it today, but he probably could even at 78. It only weighs 675 pounds.

~ Todd/KAQ

[Non-text portions of this message have been removed]

# 5520. T-368 models

Yahoo group: T-368_BC-610
Date: 2013-04-24 18:32:46 UTC
From: w9bhi
Topic: 5520  Message: 5520

How many models of the T-368 were produced?
Anybody out here ever see a parts list for a T-368?

Thanks,
Don W9BHI

# 5521. Re: [T-368_BC-610] T-368 models

Yahoo group: T-368_BC-610
Date: 2013-04-24 19:06:11 UTC
From: wa5cab@...
Topic: 5520  Message: 5521

Don,

Six, basic through E.

There was a TM 11-5820-258-35P but I have never come across one.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

In a message dated 04/24/2013 13:32:50 PM Central Daylight Time,
donrdlph@... writes:
> How many models of the T-368 were produced?
> Anybody out here ever see a parts list for a T-368?
>
> Thanks,
> Don W9BHI

[Non-text portions of this message have been removed]

# 5522. Re: [T-368_BC-610] T-368 models

Yahoo group: T-368_BC-610
Date: 2013-04-24 19:16:26 UTC
From: rbethman
Topic: 5520  Message: 5522

There is also TM 11-809-35.

It covers Basic through D.

Bob - N0DGN

On 4/24/2013 3:06 PM, wa5cab@... wrote:
>
> Don,
>
> Six, basic through E.
>
> There was a TM 11-5820-258-35P but I have never come across one.
>
> Robert Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
> In a message dated 04/24/2013 13:32:50 PM Central Daylight Time,
> donrdlph@... <mailto:donrdlph%40yahoo.com> writes:
> > How many models of the T-368 were produced?
> > Anybody out here ever see a parts list for a T-368?
> >
> > Thanks,
> > Don W9BHI
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 5523. Re: [T-368_BC-610] T-368 models

Yahoo group: T-368_BC-610
Date: 2013-04-24 19:27:23 UTC
From: wa5cab@...
Topic: 5520  Message: 5523

Yes (actually Change 1 covers the D and Change 2 covers the E) and I have a reprint of it available. But it does not include a parts list, which was the original question.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

In a message dated 04/24/2013 14:16:30 PM Central Daylight Time, rbethman@... writes:
> There is also TM 11-809-35.
>
> It covers Basic through D.
>
> Bob - N0DGN
>
>
> On 4/24/2013 3:06 PM, wa5cab@... wrote:
> >
> >Don,
> >
> >Six, basic through E.
> >
> >There was a TM 11-5820-258-35P but I have never come across one.
> >
> >Robert Downs - Houston
> >wa5cab dot com (Web Store)
> >MVPA 9480
> >
> >In a message dated 04/24/2013 13:32:50 PM Central Daylight Time,
> >donrdlph@... <mailto:donrdlph%40yahoo.com> writes:
> >>How many models of the T-368 were produced?
> >>Anybody out here ever see a parts list for a T-368?
> >>
> >>Thanks,
> >>Don W9BHI

[Non-text portions of this message have been removed]

# 5524. RE: [T-368_BC-610] T-368 models

Yahoo group: T-368_BC-610
Date: 2013-04-24 22:39:58 UTC
From: Mike Feher
Topic: 5520  Message: 5524

Well then, there must be 7, as mine is an F model made by TRW. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of wa5cab@...
Sent: Wednesday, April 24, 2013 3:06 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] T-368 models

Don,

Six, basic through E.

There was a TM 11-5820-258-35P but I have never come across one.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

In a message dated 04/24/2013 13:32:50 PM Central Daylight Time, donrdlph@... <mailto:donrdlph%40yahoo.com> writes:
> How many models of the T-368 were produced?
> Anybody out here ever see a parts list for a T-368?
>
> Thanks,
> Don W9BHI

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5525. RE: [T-368_BC-610] T-368 models

Yahoo group: T-368_BC-610
Date: 2013-04-24 23:45:48 UTC
From: Joe Foley
Topic: 5520  Message: 5525

Yes, but I don't think anyone ever came out with a manual for the F model.

Joe

--- On Wed, 4/24/13, Mike Feher <n4fs@...> wrote:

From: Mike Feher <n4fs@...>
Subject: RE: [T-368_BC-610] T-368 models
To: T-368_BC-610@yahoogroups.com
Date: Wednesday, April 24, 2013, 6:39 PM

Well then, there must be 7, as mine is an F model made by TRW. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On

Behalf Of wa5cab@cs.com

Sent: Wednesday, April 24, 2013 3:06 PM

To: T-368_BC-610@yahoogroups.com

Subject: Re: [T-368_BC-610] T-368 models

Don,

Six, basic through E.

There was a TM 11-5820-258-35P but I have never come across one.

Robert Downs - Houston

wa5cab dot com (Web Store)

MVPA 9480

In a message dated 04/24/2013 13:32:50 PM Central Daylight Time,

donrdlph@...m <mailto:donrdlph%40yahoo.com> writes:

> How many models of the T-368 were produced?

> Anybody out here ever see a parts list for a T-368?

>

> Thanks,

> Don W9BHI

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5526. Re: [T-368_BC-610] T-368 models

Yahoo group: T-368_BC-610
Date: 2013-04-24 23:55:04 UTC
From: wa5cab@...
Topic: 5520  Message: 5526

There have also been two or three reports over the years of a BC-669-E but no manuals have ever turned up for it, either. Wierd.

In a message dated 04/24/2013 18:45:52 PM Central Daylight Time, redmenaced@... writes:
> Yes, but I don't think anyone ever came out with a manual for the F
> model.
>
> Joe
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 5527. Re: [T-368_BC-610] T-368 models

Yahoo group: T-368_BC-610
Date: 2013-04-25 01:02:07 UTC
From: Ken Schwieker
Topic: 5520  Message: 5527

I have access to both the TM-5820-257-35P
and TM-5820-258-35P manuals. Anything you want looked up?
Ken S

At 01:32 PM 4/24/2013, you wrote:
>
>
>How many models of the T-368 were produced?
>Anybody out here ever see a parts list for a T-368?
>
>Thanks,
>Don W9BHI
>
>
>
>No virus found in this message.
>Checked by AVG - <http://www.avg.com>www.avg.com
>Version: 2013.0.3272 / Virus Database: 3162/6270 - Release Date: 04/24/13

[Non-text portions of this message have been removed]

# 5528. Re: [T-368_BC-610] T-368 models

Yahoo group: T-368_BC-610
Date: 2013-04-25 04:18:49 UTC
From: wa5cab@...
Topic: 5520  Message: 5528

I have the former but would like to obtain a copy of the latter.

In a message dated 04/24/2013 20:02:21 PM Central Daylight Time,
ksweek@... writes:
> I have access to both the TM-5820-257-35P
> and TM-5820-258-35P manuals. Anything you want looked up?
> Ken S

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 5529. Re: T-368 models

Yahoo group: T-368_BC-610
Date: 2013-04-27 23:08:02 UTC
From: w9bhi
Topic: 5520  Message: 5529

I picked up my T-368F made by TRW today.
No mods, but very clean.
Non functional at the moment.
It has some issues with the HV supply I have to figure out.
Anybody know what the switch (S15) is for on the top right rear
of the RF deck?
The manuals I have only go up to the E revision.
Thanks,
Don W9BHI

--- In T-368_BC-610@yahoogroups.com, wa5cab@... wrote:
>
> I have the former but would like to obtain a copy of the latter.
>
> In a message dated 04/24/2013 20:02:21 PM Central Daylight Time,
> ksweek@... writes:
> > I have access to both the TM-5820-257-35P
> > and TM-5820-258-35P manuals. Anything you want looked up?
> > Ken S
>
> Robert Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
> [Non-text portions of this message have been removed]
>

# 5530. Re: [T-368_BC-610] Re: T-368 models

Yahoo group: T-368_BC-610
Date: 2013-04-28 06:13:38 UTC
From: mac
Topic: 5520  Message: 5530

Gives you the option of having the PTO run continuously or only when the transmitter is keyed. In earlier models the PTOs ran continuously (no switch). Barely or not discernible in nearby receivers in some installations and transmitters but could be a problem in other setups. I can just barely near the PTO in my Basic model for ex. Don't know exactly when the switches were added. Have heard of other Fs that had them. Don't know about the E. I also had a C model that had what appeared to be a field mod which keyed the PTO only on transmit (no switch).

Dennis D. W7QHO
Glendale, CA

**********
On Apr 27, 2013, at 4:08 PM, w9bhi wrote:

> Anybody know what the switch (S15) is for on the top right rear
> of the RF deck?

[Non-text portions of this message have been removed]

# 5531. Re: [T-368_BC-610] Re: T-368 models

Yahoo group: T-368_BC-610
Date: 2013-04-28 15:18:59 UTC
From: wa5cab@...
Topic: 5520  Message: 5531

I posted the answer to the "when" question earlier this year.

OEM change (addition of the switch) was at T-368E/URT. MWO
11-5820-258-35/3 dtd 09/22/65 applies to Basic through D.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

In a message dated 04/28/2013 01:13:42 AM Central Daylight Time,
w7qho@... writes:
> Gives you the option of having the PTO run continuously or only when
> the transmitter is keyed. In earlier models the PTOs ran continuously
> (no switch). Barely or not discernible in nearby receivers in some
> installations and transmitters but could be a problem in other
> setups. I can just barely hear the PTO in my Basic model for ex.
> Don't know exactly when the switches were added. Have heard of other
> Fs that had them. Don't know about the E. I also had a C model that
> had what appeared to be a field mod which keyed the PTO only on
> transmit (no switch).
>
> Dennis D. W7QHO
> Glendale, CA
>
> ************
> On Apr 27, 2013, at 4:08 PM, w9bhi wrote:
>
> >Anybody know what the switch (S15) is for on the top right rear
> >of the RF deck?
>
>
>

[Non-text portions of this message have been removed]

# 5532. 807W/5933 tubes

Yahoo group: T-368_BC-610
Date: 2013-04-29 02:41:20 UTC
From: mac
Topic: 5532  Message: 5532

This is the tube that clamps the 4-400 SG in the T-368. I have several more of these than I need for spares. TV-2 tested, $10 each plus shipping.

Dennis D. W7QHO
Glendale, CA

# 5533. Re: T-368 models

Yahoo group: T-368_BC-610
Date: 2013-04-29 12:33:14 UTC
From: KA4KOE
Topic: 5520  Message: 5533

Congratulations!

You must be a very strong person!

Philip
KA4KOE

# 5534. Fwd: [Milsurplus] T 368 FOR SALE

Yahoo group: T-368_BC-610
Date: 2013-04-29 14:31:49 UTC
From: Mark J. Blair
Topic: 5534  Message: 5534

I saw this on MilSurplus, and thought it should be here, too. Please reply directly to Mr. Freeman. I don't know him.

Begin forwarded message:

> From: JOHN Freeman <w7kpb@...>
> Subject: [Milsurplus] T 368 FOR SALE
> Date: April 29, 2013 06:52:20 PDT
> To: milsurplus list milsurplus list <milsurplus@...>
>
> I have T368 for sale unmodified as came from drmo years ago. Located near Southern Pines NC

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 5535. Re: [T-368_BC-610] T-368 models

Yahoo group: T-368_BC-610
Date: 2013-04-24 23:00:25 UTC
From: Tom Mackie
Topic: 5520  Message: 5535

And I have an F from ACCO.

From: Mike Feher [mailto:n4fs@...]
Sent: Wednesday, April 24, 2013 03:39 PM
To: T-368_BC-610@yahoogroups.com <T-368_BC-610@yahoogroups.com>
Subject: RE: [T-368_BC-610] T-368 models

Well then, there must be 7, as mine is an F model made by TRW. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
[mailto:T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com> ] On
Behalf Of wa5cab@... <mailto:wa5cab%40cs.com>
Sent: Wednesday, April 24, 2013 3:06 PM
To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
Subject: Re: [T-368_BC-610] T-368 models

Don,

Six, basic through E.

There was a TM 11-5820-258-35P but I have never come across one.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

In a message dated 04/24/2013 13:32:50 PM Central Daylight Time,
donrdlph@... <mailto:donrdlph%40yahoo.com> <mailto:donrdlph%40yahoo.com> writes:
> How many models of the T-368 were produced?
> Anybody out here ever see a parts list for a T-368?
>
> Thanks,
> Don W9BHI

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5536. New toy

Yahoo group: T-368_BC-610
Date: 2013-04-29 18:08:34 UTC
From: w9bhi
Topic: 5536  Message: 5536

I just picked up nice unmodified T-368F by TRW over the weekend.
Getting it cleaned up now and will have to troublehoot it because it trips the front panel plate circuit breaker when it is put into the operate mode. (it is ok when in the tune mode).
I need to check all of the tubes also.
I have figured out how to make the proper connections and jumpers to the power supply chassis connector to run it on the bench by itself.
I do know one thing though, the choke has bad seals on the terminals and is leaking.
One is split and coming apart.
There was a nice oil slick on the bottom of the cabinet.
The filter caps in the mod deck just above the choke had oil drips hanging from them that got on the top of the power supply deck.
All other tranformers and caps are dry.
Using Brakleen and a rag (wearing gloves of course)I got the power supply deck clean.
I Gunked the bottom of the cabinet and it came out clean and dry.
I need to find the correct power inlet plug, the previous owner just soldered the power cord onto the terminals.
That's all for now, I will keep you all posted on my progress and no doubt will be asking for your expertise.
Thanks,
Don W9BHI

# 5537. Re: New toy

Yahoo group: T-368_BC-610
Date: 2013-04-30 13:51:04 UTC
From: Dangerous Don
Topic: 5536  Message: 5537

Well Congrats of finding your T3 .. I picked one up in Dec and I've yet to put it on the air. Mine had some mods done to it by 2 fellows who are on this chat page so I can trace the history back for close to 20 years on my rig. I have the B & W T 368C model and this past weekend I just got my R 380 A back from alinement and it's working 100 percent.. so now it's time to fire up the T3... we tried to get it fired up about 2 months ago but there seems to be a problem with the HV as there is no plate voltage on them meter. and I need to rewire my mic for PTT and I hope to have it on the air chatting with other T3 owners.

73 Don WC4D

--- In T-368_BC-610@...m, "w9bhi" <donrdlph@...> wrote:
>
> I just picked up nice unmodified T-368F by TRW over the weekend.
> Getting it cleaned up now and will have to troublehoot it because it trips the front panel plate circuit breaker when it is put into the operate mode. (it is ok when in the tune mode).
> I need to check all of the tubes also.
> I have figured out how to make the proper connections and jumpers to the power supply chassis connector to run it on the bench by itself.
> I do know one thing though, the choke has bad seals on the terminals and is leaking.
> One is split and coming apart.
> There was a nice oil slick on the bottom of the cabinet.
> The filter caps in the mod deck just above the choke had oil drips hanging from them that got on the top of the power supply deck.
> All other tranformers and caps are dry.
> Using Brakleen and a rag (wearing gloves of course)I got the power supply deck clean.
> I Gunked the bottom of the cabinet and it came out clean and dry.
> I need to find the correct power inlet plug, the previous owner just soldered the power cord onto the terminals.
> That's all for now, I will keep you all posted on my progress and no doubt will be asking for your expertise.
> Thanks,
> Don W9BHI
>

# 5538. Re: [T-368_BC-610] New toy

Yahoo group: T-368_BC-610
Date: 2013-04-30 22:57:47 UTC
From: Joe Foley
Topic: 5536  Message: 5538

Don't forget to read the files section on this list's homepage.

Joe

--- On Mon, 4/29/13, w9bhi <donrdlph@...> wrote:

From: w9bhi <donrdlph@...>
Subject: [T-368_BC-610] New toy
To: T-368_BC-610@...m
Date: Monday, April 29, 2013, 2:08 PM

I just picked up nice unmodified T-368F by TRW over the weekend.

Getting it cleaned up now and will have to troublehoot it because it trips the front panel plate circuit breaker when it is put into the operate mode. (it is ok when in the tune mode).

I need to check all of the tubes also.

I have figured out how to make the proper connections and jumpers to the power supply chassis connector to run it on the bench by itself.

I do know one thing though, the choke has bad seals on the terminals and is leaking.

One is split and coming apart.

There was a nice oil slick on the bottom of the cabinet.

The filter caps in the mod deck just above the choke had oil drips hanging from them that got on the top of the power supply deck.

All other tranformers and caps are dry.

Using Brakleen and a rag (wearing gloves of course)I got the power supply deck clean.

I Gunked the bottom of the cabinet and it came out clean and dry.

I need to find the correct power inlet plug, the previous owner just soldered the power cord onto the terminals.

That's all for now, I will keep you all posted on my progress and no doubt will be asking for your expertise.

Thanks,

Don W9BHI

[Non-text portions of this message have been removed]

# 5539. Re: Fwd: [Milsurplus] T 368 FOR SALE

Yahoo group: T-368_BC-610
Date: 2013-05-03 04:07:49 UTC
From: KA4KOE
Topic: 5534  Message: 5539

The email address is not complete in your posting and there is none listed on QRZ.

Philip

# 5540. Re: New toy

Yahoo group: T-368_BC-610
Date: 2013-05-03 18:26:36 UTC
From: w9bhi
Topic: 5536  Message: 5540

Got the PS deck working on the bench today.
Both 3B28 were arcing internally.
Replaced the tubes and all is FB.
If anybody is interested, I can post a list of what needs to be jumpered and connected to run the PS deck on it's own.

Thanks,
Don W9BHI

--- In T-368_BC-610@yahoogroups.com, Joe Foley <redmenaced@...> wrote:
>
> Don't forget to read the files section on this list's homepage.
>
> Joe
>
>
>
>
> --- On Mon, 4/29/13, w9bhi <donrdlph@...> wrote:
>
> From: w9bhi <donrdlph@...>
> Subject: [T-368_BC-610] New toy
> To: T-368_BC-610@yahoogroups.com
> Date: Monday, April 29, 2013, 2:08 PM
>
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>
> I just picked up nice unmodified T-368F by TRW over the weekend.
>
> Getting it cleaned up now and will have to troublehoot it because it trips the front

panel plate circuit breaker when it is put into the operate mode. (it is ok when in the tune mode).
>
> I need to check all of the tubes also.
>
> I have figured out how to make the proper connections and jumpers to the power supply chassis connector to run it on the bench by itself.
>
> I do know one thing though, the choke has bad seals on the terminals and is leaking.
>
> One is split and coming apart.
>
> There was a nice oil slick on the bottom of the cabinet.
>
> The filter caps in the mod deck just above the choke had oil drips hanging from them that got on the top of the power supply deck.
>
> All other tranformers and caps are dry.
>
> Using Brakleen and a rag (wearing gloves of course)I got the power supply deck clean.
>
> I Gunked the bottom of the cabinet and it came out clean and dry.
>
> I need to find the correct power inlet plug, the previous owner just soldered the power cord onto the terminals.
>
> That's all for now, I will keep you all posted on my progress and no doubt will be asking for your expertise.
>
> Thanks,
>
> Don W9BHI
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>
> [Non-text portions of this message have been removed]
>

# 5541. Re: [T-368_BC-610] Re: New toy

Yahoo group: T-368_BC-610
Date: 2013-05-03 20:01:49 UTC
From: Gene Beckwith
Topic: 5536  Message: 5541

Wud like to see ur post...hv two T-3's . .. appreciate all info . . esp
how to wk on bench. .

73
Gene
W8KXR

On 05/03/2013 2:26 PM, w9bhi wrote:
>
> Got the PS deck working on the bench today.
> Both 3B28 were arcing internally.
> Replaced the tubes and all is FB.
> If anybody is interested, I can post a list of what needs to be
> jumpered and connected to run the PS deck on it's own.
>
> Thanks,
> Don W9BHI
>
> --- In T-368_BC-610@yahoogroups.com
> <mailto:T-368_BC-610%40yahoogroups.com>, Joe Foley <redmenaced@...> wrote:
> >
> > Don't forget to read the files section on this list's homepage.
> >
> > Joe
> >
> >
> >
> >
> > --- On Mon, 4/29/13, w9bhi <donrdlph@...> wrote:
> >
> > From: w9bhi <donrdlph@...>
> > Subject: [T-368_BC-610] New toy
> > To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
> > Date: Monday, April 29, 2013, 2:08 PM
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> >
> > I just picked up nice unmodified T-368F by TRW over the weekend.
> >
> > Getting it cleaned up now and will have to troublehoot it because it
> trips the front panel plate circuit breaker when it is put into the
> operate mode. (it is ok when in the tune mode).
> >
> > I need to check all of the tubes also.
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> > I have figured out how to make the proper connections and jumpers to
> the power supply chassis connector to run it on the bench by itself.
> >
> > I do know one thing though, the choke has bad seals on the terminals
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> > There was a nice oil slick on the bottom of the cabinet.
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> > The filter caps in the mod deck just above the choke had oil drips
> hanging from them that got on the top of the power supply deck.
> >
> > All other tranformers and caps are dry.
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> > Using Brakleen and a rag (wearing gloves of course)I got the power
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> > I Gunked the bottom of the cabinet and it came out clean and dry.
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> > I need to find the correct power inlet plug, the previous owner just
> soldered the power cord onto the terminals.
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> > That's all for now, I will keep you all posted on my progress and no
> doubt will be asking for your expertise.
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> > Thanks,
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> > Don W9BHI
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> > [Non-text portions of this message have been removed]
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# 5542. Re: New toy

Yahoo group: T-368_BC-610
Date: 2013-05-04 00:37:42 UTC
From: w9bhi
Topic: 5536  Message: 5542

To operate the T-368 PS on the bench:

First you MUST disable the mechanical crowbar on the HV output terminal, I used a Tywrap to hold it open.

Also S-11 on the rear of the chassis must be jumpered.

Connect 120 vac to the two top terminals of the front panel filament circuit breaker.
Connect the third wire ground of the ac power cord to the chassis.
(my unit had quite a bit of leakage current on the chassis.)

Jumper the following pins with clip leads on chassis connector J7:
17 to 13
14 to 12
19 to 4
16 to 8
5 to 1 (to keep the over current relay from tripping)

Operating the plate switch will turn on the HV.

This should make troubleshooting a PS much easier.

Please be careful there will be about 3850 volts @.5 Amps at the output terminal when operating.

Don W9BHI

--- In T-368_BC-610@yahoogroups.com, Gene Beckwith <w8kxr@...> wrote:
>
> Wud like to see ur post...hv two T-3's . .. appreciate all info . . esp
> how to wk on bench. .
>
> 73
> Gene
> W8KXR
>
> On 05/03/2013 2:26 PM, w9bhi wrote:
> >
> > Got the PS deck working on the bench today.
> > Both 3B28 were arcing internally.
> > Replaced the tubes and all is FB.
> > If anybody is interested, I can post a list of what needs to be
> > jumpered and connected to run the PS deck on it's own.
> >
> > Thanks,
> > Don W9BHI
> >

> > --- In T-368_BC-610@...m
> > <mailto:T-368_BC-610%40yahoogroups.com>, Joe Foley <redmenaced@> wrote:
> > >
> > > Don't forget to read the files section on this list's homepage.
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> > > Joe
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> > >
> > > --- On Mon, 4/29/13, w9bhi <donrdlph@> wrote:
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> > > From: w9bhi <donrdlph@>
> > > Subject: [T-368_BC-610] New toy
> > > To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610%40yahoogroups.com>
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> > > There was a nice oil slick on the bottom of the cabinet.
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> > > All other tranformers and caps are dry.
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> > > Using Brakleen and a rag (wearing gloves of course)I got the power
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> > > [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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# 5543. New file uploaded to T-368_BC-610

Yahoo group: T-368_BC-610
Date: 2013-05-04 23:17:59 UTC
From: T-368_BC-610@yahoogroups.com
Topic: 965  Message: 5543

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the T-368_BC-610
group.

File : /To operate the T.doc
Uploaded by : w9bhi <donrdlph@...>
Description : How to operate a T-368 power supply on the bench

You can access this file at the URL:
http://groups.yahoo.com/group/T-368_BC-610/files/To%20operate%20the%20T.doc

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

w9bhi <donrdlph@...>

# 5544. Re: [T-368_BC-610] Re: New toy

Yahoo group: T-368_BC-610
Date: 2013-05-05 23:39:34 UTC
From: mac
Topic: 5536  Message: 5544

With all due respect benching the T-368 PS to check out the 3B28s (or solid state replacements) is doing things the hard way....

Dennis D. W7QHO
Glendale, CA

**********
On May 3, 2013, at 11:26 AM, w9bhi wrote:

> Got the PS deck working on the bench today.
> Both 3B28 were arcing internally.
> Replaced the tubes and all is FB.
> If anybody is interested, I can post a list of what needs to be
> jumpered and connected to run the PS deck on it's own.
>
> Thanks,
> Don W9BHI
>
> --- In T-368_BC-610@yahoogroups.com, Joe Foley <redmenaced@...> wrote:
> >
> > Don't forget to read the files section on this list's homepage.
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> > Joe
> >
> >
> >
> >
> > --- On Mon, 4/29/13, w9bhi <donrdlph@...> wrote:
> >
> > From: w9bhi <donrdlph@...>
> > Subject: [T-368_BC-610] New toy
> > To: T-368_BC-610@yahoogroups.com
> > Date: Monday, April 29, 2013, 2:08 PM
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> the operate mode. (it is ok when in the tune mode).
> >
> > I need to check all of the tubes also.
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> > I have figured out how to make the proper connections and jumpers
> to the power supply chassis connector to run it on the bench by
> itself.
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> > [Non-text portions of this message have been removed]
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# 5545. Re: [T-368_BC-610] Re: New toy

Yahoo group: T-368_BC-610
Date: 2013-05-06 11:06:20 UTC
From: gpt750@gmail.com
Topic: 5536  Message: 5545

With all due respect...

Not really...

He is on a quest for T-3 knowledge...

This is his way to get it...

Good for him!

Ott

On 5/5/2013 7:39 PM, mac wrote:
> With all due respect benching the T-368 PS to check out the 3B28s (or
> solid state replacements) is doing things the hard way....
>
> Dennis D. W7QHO
> Glendale, CA
>
> ******************
> On May 3, 2013, at 11:26 AM, w9bhi wrote:
>
>
>> Got the PS deck working on the bench today.
>> Both 3B28 were arcing internally.
>> Replaced the tubes and all is FB.
>> If anybody is interested, I can post a list of what needs to be
>> jumpered and connected to run the PS deck on it's own.
>>
>> Thanks,
>> Don W9BHI
>>
>>

# 5546. Re: New toy

Yahoo group: T-368_BC-610
Date: 2013-05-06 14:44:01 UTC
From: w9bhi
Topic: 5536  Message: 5546

I bought the the T-368 knowing it was blowing the plate breaker.
There could have been a number of things wrong.
The very first thing I did was to test the 3B28's on my Hickok tester and they showed to be "good" with no shorts.
I then did some ohmmeter readings on the HV circuitry on all 3 decks and all was OK.
Being that you cannot see what is going on with the PS deck when it is inside the housing, I thought it would be easier to observe/take measurements with it on the bench.

Don W9BHI

--- In T-368_BC-610@yahoogroups.com, "gpt750@..." <gpt750@...> wrote:
>
> With all due respect...
>
> Not really...
>
> He is on a quest for T-3 knowledge...
>
> This is his way to get it...
>
> Good for him!
>
> Ott
>
> On 5/5/2013 7:39 PM, mac wrote:
> > With all due respect benching the T-368 PS to check out the 3B28s (or
> > solid state replacements) is doing things the hard way....
> >
> > Dennis D. W7QHO
> > Glendale, CA
> >
> > ******************
> > On May 3, 2013, at 11:26 AM, w9bhi wrote:
> >
> >
> >> Got the PS deck working on the bench today.
> >> Both 3B28 were arcing internally.
> >> Replaced the tubes and all is FB.
> >> If anybody is interested, I can post a list of what needs to be
> >> jumpered and connected to run the PS deck on it's own.
> >>
> >> Thanks,
> >> Don W9BHI
> >>
> >>

>

# 5547. Re: [T-368_BC-610] Re: New toy

Yahoo group: T-368_BC-610
Date: 2013-05-06 18:05:22 UTC
From: mac
Topic: 5536  Message: 5547

Don, et-al,

Well,glad you found the problem in your T-368. It's a great rig, enjoy! For future reference the first line of maintenance for breakers kicking out as you describe would be to swap out the rectifiers (tube or solid state). To observe the 3B28s at the moment of turn-on and in operation, taking the back off the rig is considerably easier and safer than benching the PS and also affords one the opportunity to watch for possible arc-overs in the DC lines up to the modulator and PA decks. Also, tube checkers like your Hickok don't/can't apply anything close to the operating voltages of a 3B28 or even the 5R4s used elsewhere in the T-368. This radio can kill you (ditto the BC-610). Not a good "starter" rig on which to learn electronics and I get very concerned by some of the related traffic I see here and elsewhere on the web.

Dennis D. W7QHO
Glendale, CA

**********
On May 6, 2013, at 7:44 AM, w9bhi wrote:

> I bought the the T-368 knowing it was blowing the plate breaker.
> There could have been a number of things wrong.
> The very first thing I did was to test the 3B28's on my Hickok
> tester and they showed to be "good" with no shorts.
> I then did some ohmmeter readings on the HV circuitry on all 3 decks
> and all was OK.
> Being that you cannot see what is going on with the PS deck when it
> is inside the housing, I thought it would be easier to observe/take
> measurements with it on the bench.
>
> Don W9BHI
>
> --- In T-368_BC-610@yahoogroups.com, "gpt750@..." <gpt750@...> wrote:
> >
> > With all due respect...
> >
> > Not really...
> >
> > He is on a quest for T-3 knowledge...
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> > Good for him!
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> > Ott
> >
> > On 5/5/2013 7:39 PM, mac wrote:
> > > With all due respect benching the T-368 PS to check out the
> 3B28s (or
> > > solid state replacements) is doing things the hard way....
> > >
> > > Dennis D. W7QHO
> > > Glendale, CA
> > >
> > > ******************
> > > On May 3, 2013, at 11:26 AM, w9bhi wrote:
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> > >>
> > >> Thanks,
> > >> Don W9BHI
> > >>
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[Non-text portions of this message have been removed]

# 5548. Re: New toy

Yahoo group: T-368_BC-610
Date: 2013-05-06 19:11:56 UTC
From: w9bhi
Topic: 5536  Message: 5548

It is definitly not a starter rig or for the electronically challenged, always have one hand in your pocket etc.
Changed out the N and the C connectors for SO-239's.
Waiting for the power connector from Fair radio.
Hoping to get this thing on the air by this weekend if no smoke escapes from it the first time trying to load it into a dummy load.

Don W9BHI

--- In T-368_BC-610@yahoogroups.com, mac <w7qho@...> wrote:
>
> Don, et-al,
>
> Well,glad you found the problem in your T-368. It's a great rig,
> enjoy! For future reference the first line of maintenance for breakers
> kicking out as you describe would be to swap out the rectifiers (tube
> or solid state). To observe the 3B28s at the moment of turn-on and in
> operation, taking the back off the rig is considerably easier and
> safer than benching the PS and also affords one the opportunity to
> watch for possible arc-overs in the DC lines up to the modulator and
> PA decks. Also, tube checkers like your Hickok don't/can't apply
> anything close to the operating voltages of a 3B28 or even the 5R4s
> used elsewhere in the T-368. This radio can kill you (ditto the
> BC-610). Not a good "starter" rig on which to learn electronics and I
> get very concerned by some of the related traffic I see here and
> elsewhere on the web.
>
> Dennis D. W7QHO
> Glendale, CA
>
> **********
> On May 6, 2013, at 7:44 AM, w9bhi wrote:
>
> > I bought the the T-368 knowing it was blowing the plate breaker.
> > There could have been a number of things wrong.
> > The very first thing I did was to test the 3B28's on my Hickok
> > tester and they showed to be "good" with no shorts.
> > I then did some ohmmeter readings on the HV circuitry on all 3 decks
> > and all was OK.
> > Being that you cannot see what is going on with the PS deck when it
> > is inside the housing, I thought it would be easier to observe/take
> > measurements with it on the bench.
> >
> > Don W9BHI
> >

> > --- In T-368_BC-610@yahoogroups.com, "gpt750@" <gpt750@> wrote:
> > >
> > > With all due respect...
> > >
> > > Not really...
> > >
> > > He is on a quest for T-3 knowledge...
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> > > This is his way to get it...
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> > > Good for him!
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> > > On 5/5/2013 7:39 PM, mac wrote:
> > > > With all due respect benching the T-368 PS to check out the
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> > > > Glendale, CA
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> > > > On May 3, 2013, at 11:26 AM, w9bhi wrote:
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> [Non-text portions of this message have been removed]
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# 5549. Re: [T-368_BC-610] Re: New toy

Yahoo group: T-368_BC-610
Date: 2013-05-06 19:24:03 UTC
From: rbethman
Topic: 5536  Message: 5549

I'd say that the BC-610 is a good bit harder to get bit with.

With all the interlocks in place, you have to go pretty far out of your way to get into HV.

Additionally, the "modules" aren't in drawers. There is some healthy 1/4 x 20 bolts in each corner. Then the entire terminal strip is up front, and not readily disconnected. While not "quite" idiot proof, they are close.

Now if you jumper out the interlock on the PA coil cover, and decide to move a swinging coil while tuning the final - I'd have to say that you worked at it, and can't possibly have had one hand in your pocket!

Bob - N0DGN

On 5/6/2013 2:05 PM, mac wrote:
> Don, et-al,
>
> Well,glad you found the problem in your T-368. It's a great rig,
> enjoy! For future reference the first line of maintenance for breakers
> kicking out as you describe would be to swap out the rectifiers (tube
> or solid state). To observe the 3B28s at the moment of turn-on and in
> operation, taking the back off the rig is considerably easier and
> safer than benching the PS and also affords one the opportunity to
> watch for possible arc-overs in the DC lines up to the modulator and
> PA decks. Also, tube checkers like your Hickok don't/can't apply
> anything close to the operating voltages of a 3B28 or even the 5R4s
> used elsewhere in the T-368. This radio can kill you (ditto the
> BC-610). Not a good "starter" rig on which to learn electronics and I
> get very concerned by some of the related traffic I see here and
> elsewhere on the web.
>
> Dennis D. W7QHO
> Glendale, CA
>

# 5550. Re: [T-368_BC-610] Re: New toy

Yahoo group: T-368_BC-610
Date: 2013-05-07 18:48:38 UTC
From: mac
Topic: 5536  Message: 5550

Don,

Have owned a couple of these over the years and worked on several others. My "C" model had the original N and C connectors. I had the mating cable ends so didn't bother to change them out. The "Basic" (first model) I'm using now came with an SO-239 and a BNC already installed. The things were built for 24/7 use and we barely warm them up in ham use. Only real "problem" I (and others) have encountered is with the relay ahead of the high voltage transformer. The sealed unit used in the later models is underrated and will fail after a period of normal ham use. I believe this is because we operate primarily in the PTT mode where the military mainly used these transmitters for RTTY, especially in later years. The open-frame relay used in earlier models lasts longer but the contacts will burn and will start to stick in the closed position after a few years of regular (ham) use. Dressing the contacts helps for a while but the only permanent fix myself and others have found is to replace with a mercury plunger type.

Good luck!

Dennis D. W7QHO
Glendale, CA

**********
On May 6, 2013, at 12:11 PM, w9bhi wrote:

> t is definitly not a starter rig or for the electronically
> challenged, always have one hand in your pocket etc.
> Changed out the N and the C connectors for SO-239's.
> Waiting for the power connector from Fair radio.
> Hoping to get this thing on the air by this weekend if no smoke
> escapes from it the first time trying to load it into a dummy load.

[Non-text portions of this message have been removed]

# 5551. Re: [T-368_BC-610] Re: New toy

Yahoo group: T-368_BC-610
Date: 2013-05-07 22:23:00 UTC
From: Joe Foley
Topic: 5536  Message: 5551

I know I gave some people gray hair when I started mine!

Joe

--- On Mon, 5/6/13, mac <w7qho@...> wrote:

From: mac <w7qho@...>
Subject: Re: [T-368_BC-610] Re: New toy
To: "w9bhi" <donrdlph@...>
Cc: T-368_BC-610@yahoogroups.com, gpt750@...
Date: Monday, May 6, 2013, 2:05 PM

Don, et-al,

Well,glad you found the problem in your T-368.  It's a great rig,
enjoy! For future reference the first line of maintenance for breakers
kicking out as you describe would be to swap out the rectifiers (tube
or solid state).  To observe the 3B28s at the moment of turn-on and in
operation, taking the back off the rig is considerably easier and
safer than benching the PS and also affords one the opportunity to
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PA decks.  Also, tube checkers like your Hickok don't/can't apply
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get very concerned by some of the related traffic I see here and
elsewhere on the web.

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**********
On May 6, 2013, at 7:44 AM, w9bhi wrote:

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> There could have been a number of things wrong.
> The very first thing I did was to test the 3B28's on my Hickok
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>
> Don W9BHI
>
> --- In T-368_BC-610@yahoogroups.com, "gpt750@..." <gpt750@...> wrote:

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> > With all due respect...
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> > Not really...
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> > He is on a quest for T-3 knowledge...
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> > On 5/5/2013 7:39 PM, mac wrote:
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> 3B28s (or
> > > solid state replacements) is doing things the hard way....
> > >
> > > Dennis D. W7QHO
> > > Glendale, CA
> > >
> > > ******************
> > > On May 3, 2013, at 11:26 AM, w9bhi wrote:
> > >
> > >
> > >> Got the PS deck working on the bench today.
> > >> Both 3B28 were arcing internally.
> > >> Replaced the tubes and all is FB.
> > >> If anybody is interested, I can post a list of what needs to be
> > >> jumpered and connected to run the PS deck on it's own.
> > >>
> > >> Thanks,
> > >> Don W9BHI
> > >>
> > >>
> >
>
>

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 5552. Re: [T-368_BC-610] Re: New toy

Yahoo group: T-368_BC-610
Date: 2013-05-08 13:20:22 UTC
From: Todd, KA1KAQ
Topic: 5536  Message: 5552

On Tue, May 7, 2013 at 6:23 PM, Joe Foley <redmenaced@...> wrote:

> **
>
>
> I know I gave some people gray hair when I started mine!
>

I got car sick when you told me about the road conditions encountered in
OhiO when you went to get it.

That was long, long ago, when buffalo roamed the plains.....

~ Todd/KAQ

[Non-text portions of this message have been removed]

# 5553. Re: New toy

Yahoo group: T-368_BC-610
Date: 2013-05-08 14:07:48 UTC
From: w9bhi
Topic: 5536  Message: 5553

I have the original sealed plate relay.
It had welded contacts(probably from the failing 3B28's)
The previous owner opened it up to see the carnage.
It now has a large motor contactor mounted on top of the chassis.
I will be replacing it with an Crydom A1240, 120 volt 40 amp SS relay with AC control mounted on the bottom of the chassis with a little heat sink compound.
I have used a similar unit(Crydom A2440, 240 volt 40 amp AC control) before on the Drake L4B and SB-220 to switch the primaries of the plate transformers with very good results.
I hope to be up and running soon!

Don W9BHI

--- In T-368_BC-610@yahoogroups.com, mac <w7qho@...> wrote:
>
> Don,
>
> Have owned a couple of these over the years and worked on several
> others. My "C" model had the original N and C connectors. I had the
> mating cable ends so didn't bother to change them out. The
> "Basic" (first model) I'm using now came with an SO-239 and a BNC
> already installed. The things were built for 24/7 use and we barely
> warm them up in ham use. Only real "problem" I (and others) have
> encountered is with the relay ahead of the high voltage transformer.
> The sealed unit used in the later models is underrated and will fail
> after a period of normal ham use. I believe this is because we
> operate primarily in the PTT mode where the military mainly used these
> transmitters for RTTY, especially in later years. The open-frame
> relay used in earlier models lasts longer but the contacts will burn
> and will start to stick in the closed position after a few years of
> regular (ham) use. Dressing the contacts helps for a while but the
> only permanent fix myself and others have found is to replace with a
> mercury plunger type.
>
> Good luck!
>
> Dennis D. W7QHO
> Glendale, CA
>
> **********
> On May 6, 2013, at 12:11 PM, w9bhi wrote:
>
> > t is definitly not a starter rig or for the electronically
> > challenged, always have one hand in your pocket etc.
> > Changed out the N and the C connectors for SO-239's.
> > Waiting for the power connector from Fair radio.

> > Hoping to get this thing on the air by this weekend if no smoke
> > escapes from it the first time trying to load it into a dummy load.
>
>
>
> [Non-text portions of this message have been removed]
>

# 5554. Agricultural (sic)/Structural Concerns

Yahoo group: T-368_BC-610
Date: 2013-05-10 16:52:36 UTC
From: KA4KOE
Topic: 5554  Message: 5554

I am seriously considering acquiring a T-368. However, my earlier posts state that my shack is located in an upstairs bonus room over our garage. The floor joists are 2 x 6's spaced per code. I an jest a humble 'lecktickle injuneer, so I'z noze nuttin' 'bout boards 'n joists.

Question:

If one installs a T-368 on 4 casters, any idea if this monster will crunch thru the floor and plummet smack dab on top of Sheri's (K4SMN) Porsche Carrera?

If that happens, then the least of my worries will be the damage. Sheri is a country girl brought up in South Central Georgia who knows how to handle a firearm with deadly accuracy.

Get my drift?

tnx

Philip

# 5555. Re: [T-368_BC-610] Agricultural (sic)/Structural Concerns

Yahoo group: T-368_BC-610
Date: 2013-05-10 17:26:39 UTC
From: mac
Topic: 5554  Message: 5555

Think you're OK here. If worse comes to worse the Porsche should
provide more than sufficient cushion to preserve the radio. :^)

Dennis D. W7QHO
Glendale, CA

Reality is the leading cause of stress among those in touch with it.

**********

On May 10, 2013, at 9:52 AM, KA4KOE wrote:

> I am seriously considering acquiring a T-368. However, my earlier
> posts state that my shack is located in an upstairs bonus room over
> our garage. The floor joists are 2 x 6's spaced per code. I an jest
> a humble 'lecktickle injuneer, so I'z noze nuttin' 'bout boards 'n
> joists.
>
> Question:
>
> If one installs a T-368 on 4 casters, any idea if this monster will
> crunch thru the floor and plummet smack dab on top of Sheri's
> (K4SMN) Porsche Carrera?
>
> If that happens, then the least of my worries will be the damage.
> Sheri is a country girl brought up in South Central Georgia who
> knows how to handle a firearm with deadly accuracy.
>
> Get my drift?
>
> tnx
>
> Philip
>
>

[Non-text portions of this message have been removed]

# 5556. Re: Agricultural (sic)/Structural Concerns

Yahoo group: T-368_BC-610
Date: 2013-05-10 17:29:56 UTC
From: KA4KOE
Topic: 5554  Message: 5556

Not gonna work. The footprint for the transmitter is 6.9 square feet. At 650 pounds, that works out to 95 pounds/SF. An Architect here tells me not to load up an upper bonus room floor to over 40 lbs/SF, with 2 x 12 joists spaced per code.

Moot point.

--- In T-368_BC-610@yahoogroups.com, mac <w7qho@...> wrote:
>
> Think you're OK here. If worse comes to worse the Porsche should
> provide more than sufficient cushion to preserve the radio. :^)
>
> Dennis D. W7QHO
> Glendale, CA
>
> Reality is the leading cause of stress among those in touch with it.
>
> **********
>
> On May 10, 2013, at 9:52 AM, KA4KOE wrote:
>
> > I am seriously considering acquiring a T-368. However, my earlier
> > posts state that my shack is located in an upstairs bonus room over
> > our garage. The floor joists are 2 x 6's spaced per code. I an jest
> > a humble 'lecktickle injuneer, so I'z noze nuttin' 'bout boards 'n
> > joists.
> >
> > Question:
> >
> > If one installs a T-368 on 4 casters, any idea if this monster will
> > crunch thru the floor and plummet smack dab on top of Sheri's
> > (K4SMN) Porsche Carrera?
> >
> > If that happens, then the least of my worries will be the damage.
> > Sheri is a country girl brought up in South Central Georgia who
> > knows how to handle a firearm with deadly accuracy.
> >
> > Get my drift?
> >
> > tnx
> >
> > Philip
> >
> >
>
>

>
> [Non-text portions of this message have been removed]
>

# 5557. Re: [T-368_BC-610] Re: Agricultural (sic)/Structural Concerns

Yahoo group: T-368_BC-610
Date: 2013-05-10 18:08:16 UTC
From: mac
Topic: 5554  Message: 5557

You might lay down a sheet of 3/4" plywood and set the T-368 down in
the middle of it. Would spread the load out enough to be safe.

DD

**********

On May 10, 2013, at 10:29 AM, KA4KOE wrote:

> Not gonna work. The footprint for the transmitter is 6.9 square
> feet. At 650 pounds, that works out to 95 pounds/SF. An Architect
> here tells me not to load up an upper bonus room floor to over 40
> lbs/SF, with 2 x 12 joists spaced per code.
>
> Moot point.

[Non-text portions of this message have been removed]

# 5558. RE: [T-368_BC-610] Re: Agricultural (sic)/Structural Concerns

Yahoo group: T-368_BC-610
Date: 2013-05-10 18:19:49 UTC
From: Thekan, Paul
Topic: 5554  Message: 5558

I think a lot would depend on the size of the rooms floor span and that the placement of the 368 would be as close to the wall as possible and on the side where the floor joists are coming out. Also if you can mount the bottom of the 368 flat onto a hefty piece of plywood that will sit flat on the floor that'll help distribute the weight rather than at 4 casters. I had heard of someone who did this with a BC 610 , only 400 pounds, and used those furniture pads that are real thin under the plywood to move it around on the floor.

Also , to be safe ...park the Porsche somewhere else...problem solved :)

Paul
N6FEG

_____
From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of KA4KOE
Sent: Friday, May 10, 2013 10:30 AM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] Re: Agricultural (sic)/Structural Concerns

Not gonna work. The footprint for the transmitter is 6.9 square feet. At 650 pounds, that works out to 95 pounds/SF. An Architect here tells me not to load up an upper bonus room floor to over 40 lbs/SF, with 2 x 12 joists spaced per code.

Moot point.

--- In T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610%40yahoogroups.com>, mac <w7qho@...> wrote:
>
> Think you're OK here. If worse comes to worse the Porsche should
> provide more than sufficient cushion to preserve the radio. :^)
>
> Dennis D. W7QHO
> Glendale, CA
>
> Reality is the leading cause of stress among those in touch with it.
>
> **********
>
> On May 10, 2013, at 9:52 AM, KA4KOE wrote:
>
> > I am seriously considering acquiring a T-368. However, my earlier
> > posts state that my shack is located in an upstairs bonus room over
> > our garage. The floor joists are 2 x 6's spaced per code. I an jest
> > a humble 'lecktickle injuneer, so I'z noze nuttin' 'bout boards 'n
> > joists.
> >

> > Question:
> >
> > If one installs a T-368 on 4 casters, any idea if this monster will
> > crunch thru the floor and plummet smack dab on top of Sheri's
> > (K4SMN) Porsche Carrera?
> >
> > If that happens, then the least of my worries will be the damage.
> > Sheri is a country girl brought up in South Central Georgia who
> > knows how to handle a firearm with deadly accuracy.
> >
> > Get my drift?
> >
> > tnx
> >
> > Philip
> >
> >
>
>
>
> [Non-text portions of this message have been removed]
>

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This message, including any attachments, may include privileged,
confidential and/or inside information. Any distribution or use of this
communication by anyone other than the intended recipient(s) is strictly
prohibited and may be unlawful. If you are not the intended recipient,
please notify the sender by replying to this message and then delete it from
your system.

[Non-text portions of this message have been removed]

# 5559. Re: [T-368_BC-610] Re: Agricultural (sic)/Structural Concerns

Yahoo group: T-368_BC-610
Date: 2013-05-10 19:22:08 UTC
From: Rodger Hough
Topic: 5554  Message: 5559

There isn't a lot of data presented here, such as spacing of the joists, i.e., 16 or 24 inch centers, nor do I see the length (or span) of the joists. Nor do I see what the sub-floor and floor thicknesses are. Of the construction that I have done and that that I have observed, without calculations, I would certainly feel safe placing my T-368 on casters in a second-floor environment of a code-built home. Would you feel safe with three 220 pound humans standing in that floor footprint. I would. Think about it. I would take care to purchase good quality and weight rated casters, however.

Rodger K1HH

On May 10, 2013, at 1:29 PM, KA4KOE wrote:

> Not gonna work. The footprint for the transmitter is 6.9 square feet. At 650 pounds, that works out to 95 pounds/SF. An Architect here tells me not to load up an upper bonus room floor to over 40 lbs/SF, with 2 x 12 joists spaced per code.
>
> Moot point.
>
> --- In T-368_BC-610@yahoogroups.com, mac <w7qho@...> wrote:
> >
> > Think you're OK here. If worse comes to worse the Porsche should
> > provide more than sufficient cushion to preserve the radio. :^)
> >
> > Dennis D. W7QHO
> > Glendale, CA
> >
> > Reality is the leading cause of stress among those in touch with it.
> >
> > **********
> >
> > On May 10, 2013, at 9:52 AM, KA4KOE wrote:
> >
> > > I am seriously considering acquiring a T-368. However, my earlier
> > > posts state that my shack is located in an upstairs bonus room over
> > > our garage. The floor joists are 2 x 6's spaced per code. I an jest
> > > a humble 'lecktickle injuneer, so I'z noze nuttin' 'bout boards 'n
> > > joists.
> > >
> > > Question:
> > >
> > > If one installs a T-368 on 4 casters, any idea if this monster will
> > > crunch thru the floor and plummet smack dab on top of Sheri's
> > > (K4SMN) Porsche Carrera?
> > >
> > > If that happens, then the least of my worries will be the damage.
> > > Sheri is a country girl brought up in South Central Georgia who

> > > knows how to handle a firearm with deadly accuracy.
> > >
> > > Get my drift?
> > >
> > > tnx
> > >
> > > Philip
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> >
> > [Non-text portions of this message have been removed]
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>

[Non-text portions of this message have been removed]

# 5560. Re: [T-368_BC-610] Re: Agricultural (sic)/Structural Concerns

Yahoo group: T-368_BC-610
Date: 2013-05-10 19:34:42 UTC
From: Todd, KA1KAQ
Topic: 5554  Message: 5560

On Fri, May 10, 2013 at 1:29 PM, KA4KOE <kmg5443@...> wrote:

> **
>
>
> Not gonna work. The footprint for the transmitter is 6.9 square feet. At
> 650 pounds, that works out to 95 pounds/SF. An Architect here tells me not
> to load up an upper bonus room floor to over 40 lbs/SF, with 2 x 12 joists
> spaced per code.
>
> Moot point.
>

Gotta say, 'new' construction really blows. 2x4s are now more like 1.25x3s, if that. I'm in a late 80s-built place here since 2008, adding shelves to the walls for some of my radio equipment caused the floor to sag enough that the door now won't close.

Previous place I lived in was a mid-late 1800s Victorian built considerably better. Had a radio room full of boatanchor gear including 4 large (300-675 lbs) transmitters and a rack full of receivers, Steelcase tables, etc and other gear, and a 7 foot, 1400 lbs broadcast transmitter in the formal dining room along with a T-368. SX-28A on a large marble shelf & BC-610 in the front foyer. Two rooms upstairs loaded with everything from old wooden radios and slate-based knife switches to several ART-13s and other milsurplus gear. Zero issues.

If all else fails, go for ground floor/basement or add some sort of additional support.

~ Todd, KA1KAQ/4

[Non-text portions of this message have been removed]

# 5561. Re: [T-368_BC-610] Agricultural (sic)/Structural Concerns

Yahoo group: T-368_BC-610
Date: 2013-05-10 23:22:09 UTC
From: Mark J. Blair
Topic: 5554  Message: 5561

On May 10, 2013, at 10:29 , KA4KOE <kmg5443@...> wrote:
> Not gonna work. The footprint for the transmitter is 6.9 square feet. At 650 pounds, that works out to 95 pounds/SF. An Architect here tells me not to load up an upper bonus room floor to over 40 lbs/SF, with 2 x 12 joists spaced per code.

Does the architect know the recommended maximum loading for a manufactured home built around 2008? I have my T-368C on casters in my manufactured home, which is permanently mounted on a brick foundation, with steel jacks in the crawlspace. It's next to an exterior wall (and thus, near the foundation). Is this a potential problem even before I move more green radios into the room?

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 5562. Re: [T-368_BC-610] Re: Agricultural (sic)/Structural Concerns

Yahoo group: T-368_BC-610
Date: 2013-05-11 00:38:26 UTC
From: Ron.K3PID
Topic: 5554  Message: 5562

Let's see... I weigh in at 213 lbs so I shouldn't stand with my feet together ( less than 1 Sq ft.) Wow. I don't think I would hire that architect for any serious design work....

-----Original Message-----
From: KA4KOE
Sent: Friday, May 10, 2013 12:29 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] Re: Agricultural (sic)/Structural Concerns

Not gonna work. The footprint for the transmitter is 6.9 square feet. At 650 pounds, that works out to 95 pounds/SF. An Architect here tells me not to load up an upper bonus room floor to over 40 lbs/SF, with 2 x 12 joists spaced per code.

Moot point.

--- In T-368_BC-610@yahoogroups.com, mac <w7qho@...> wrote:
>
> Think you're OK here. If worse comes to worse the Porsche should
> provide more than sufficient cushion to preserve the radio. :^)
>
> Dennis D. W7QHO
> Glendale, CA
>
> Reality is the leading cause of stress among those in touch with it.
>
> **********
>
> On May 10, 2013, at 9:52 AM, KA4KOE wrote:
>
> > I am seriously considering acquiring a T-368. However, my earlier
> > posts state that my shack is located in an upstairs bonus room over
> > our garage. The floor joists are 2 x 6's spaced per code. I an jest
> > a humble 'lecktickle injuneer, so I'z noze nuttin' 'bout boards 'n
> > joists.
> >
> > Question:
> >
> > If one installs a T-368 on 4 casters, any idea if this monster will
> > crunch thru the floor and plummet smack dab on top of Sheri's
> > (K4SMN) Porsche Carrera?
> >
> > If that happens, then the least of my worries will be the damage.
> > Sheri is a country girl brought up in South Central Georgia who
> > knows how to handle a firearm with deadly accuracy.

> >
> > Get my drift?
> >
> > tnx
> >
> > Philip
> >
> >
>
>
>
> [Non-text portions of this message have been removed]
>

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Yahoo! Groups Links

# 5563. Re: [T-368_BC-610] Re: Agricultural (sic)/Struc tural Concerns

Yahoo group: T-368_BC-610
Date: 2013-05-11 13:28:24 UTC
From: kd1yt@...
Topic: 5554  Message: 5563

I'm not an architect nor do I try to play one, but I believe there are separate considerations for "live load" (things that stay in motion) and "dead load" (massive objects which stay in place). None of us, whether we're 150 or 350, stay in the same spot, so the strain of our load is not focused on one location. The former basically test short term strength and rigidity/ bounce, and the latter test long term sag and ultimate fail strength. Putting a massive object in a fixed location is a very different challenge from "ordinary living" but I bet a T-3 isn't that much more challenging than a serious piano...

Span and spacing make a big difference. I agree with Todd that from what I have seen, modern "code" doesn't lead to very robust construction, so I'd proceed with caution (but could you reinforce from below with some steel beams/ columns?

Good luck and 73
Trevor
KD1YT

-----Original Message-----
From: "Ron.K3PID" <ron.k3pid@...>
Sent: Friday, May 10, 2013 8:38pm
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] Re: Agricultural (sic)/Structural Concerns

Let's see... I weigh in at 213 lbs so I shouldn't stand with my feet
together ( less than 1 Sq ft.) Wow. I don't think I would hire that
architect for any serious design work....

-----Original Message-----
From: KA4KOE
Sent: Friday, May 10, 2013 12:29 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] Re: Agricultural (sic)/Structural Concerns

Not gonna work. The footprint for the transmitter is 6.9 square feet. At 650
pounds, that works out to 95 pounds/SF. An Architect here tells me not to
load up an upper bonus room floor to over 40 lbs/SF, with 2 x 12 joists
spaced per code.

Moot point.

--- In T-368_BC-610@yahoogroups.com, mac <w7qho@...> wrote:
>
> Think you're OK here. If worse comes to worse the Porsche should
> provide more than sufficient cushion to preserve the radio. :^)
>
> Dennis D. W7QHO
> Glendale, CA
>

> Reality is the leading cause of stress among those in touch with it.
>
> **********
>
> On May 10, 2013, at 9:52 AM, KA4KOE wrote:
>
> > I am seriously considering acquiring a T-368. However, my earlier
> > posts state that my shack is located in an upstairs bonus room over
> > our garage. The floor joists are 2 x 6's spaced per code. I an jest
> > a humble 'lecktickle injuneer, so I'z noze nuttin' 'bout boards 'n
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> > Question:
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> > If one installs a T-368 on 4 casters, any idea if this monster will
> > crunch thru the floor and plummet smack dab on top of Sheri's
> > (K4SMN) Porsche Carrera?
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> > If that happens, then the least of my worries will be the damage.
> > Sheri is a country girl brought up in South Central Georgia who
> > knows how to handle a firearm with deadly accuracy.
> >
> > Get my drift?
> >
> > tnx
> >
> > Philip
> >
> >
>
>
>
> [Non-text portions of this message have been removed]
>

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Yahoo! Groups Links

# 5564. Re: [T-368_BC-610] Re: Agricultural (sic)/Structural Concerns

Yahoo group: T-368_BC-610
Date: 2013-05-11 13:37:16 UTC
From: Tom Chirhart
Topic: 5554  Message: 5564

Brings back memories of the old waterbed days and the stories of structural failures due to weight distribution...

Sent from my iPad

On May 11, 2013, at 9:28 AM, kd1yt@... wrote:

> I'm not an architect nor do I try to play one, but I believe there are separate considerations for "live load" (things that stay in motion) and "dead load" (massive objects which stay in place). None of us, whether we're 150 or 350, stay in the same spot, so the strain of our load is not focused on one location. The former basically test short term strength and rigidity/ bounce, and the latter test long term sag and ultimate fail strength. Putting a massive object in a fixed location is a very different challenge from "ordinary living" but I bet a T-3 isn't that much more challenging than a serious piano...
> 
> Span and spacing make a big difference. I agree with Todd that from what I have seen, modern "code" doesn't lead to very robust construction, so I'd proceed with caution (but could you reinforce from below with some steel beams/ columns?
> 
> Good luck and 73
> Trevor
> KD1YT
> 
> -----Original Message-----
> From: "Ron.K3PID" <ron.k3pid@...>
> Sent: Friday, May 10, 2013 8:38pm
> To: T-368_BC-610@yahoogroups.com
> Subject: Re: [T-368_BC-610] Re: Agricultural (sic)/Structural Concerns
> 
> Let's see... I weigh in at 213 lbs so I shouldn't stand with my feet
> together ( less than 1 Sq ft.) Wow. I don't think I would hire that
> architect for any serious design work....
> 
> -----Original Message-----
> From: KA4KOE
> Sent: Friday, May 10, 2013 12:29 PM
> To: T-368_BC-610@yahoogroups.com
> Subject: [T-368_BC-610] Re: Agricultural (sic)/Structural Concerns
> 
> Not gonna work. The footprint for the transmitter is 6.9 square feet. At 650
> pounds, that works out to 95 pounds/SF. An Architect here tells me not to
> load up an upper bonus room floor to over 40 lbs/SF, with 2 x 12 joists
> spaced per code.
> 
> Moot point.
> 

> --- In T-368_BC-610@yahoogroups.com, mac <w7qho@...> wrote:
> >
> > Think you're OK here. If worse comes to worse the Porsche should
> > provide more than sufficient cushion to preserve the radio. :^)
> >
> > Dennis D. W7QHO
> > Glendale, CA
> >
> > Reality is the leading cause of stress among those in touch with it.
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> > **********
> >
> > On May 10, 2013, at 9:52 AM, KA4KOE wrote:
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> > > I am seriously considering acquiring a T-368. However, my earlier
> > > posts state that my shack is located in an upstairs bonus room over
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> > > Question:
> > >
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> > > If that happens, then the least of my worries will be the damage.
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> > >
> > > Get my drift?
> > >
> > > tnx
> > >
> > > Philip
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> > [Non-text portions of this message have been removed]
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>
> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

# 5565. Re: New toy

Yahoo group: T-368_BC-610
Date: 2013-05-11 14:53:58 UTC
From: w9bhi
Topic: 5536  Message: 5565

I got the new SS plate relay installed and put the decks into the cabinet.
No more "kerchunk"
I loaded up the rig into a 1kw load and saw in excess of 600 watts.
Tried to key it up from the mic plug in AM but the keyer circuit is not working.
The transmitter grid block line worked but the antenna relay didn't.
It cooked the 47 ohm 2 watt resistor in the antenna relay cicuit.
The 6AL5 and 6AH6 test good on my Hickok.
I have the mod deck on the bench now and I am going to try and power it up by itself and see what is wrong with the keyer.

Don W9BHI

--- In T-368_BC-610@yahoogroups.com, "w9bhi" <donrdlph@...> wrote:
>
> I have the original sealed plate relay.
> It had welded contacts(probably from the failing 3B28's)
> The previous owner opened it up to see the carnage.
> It now has a large motor contactor mounted on top of the chassis.
> I will be replacing it with an Crydom A1240, 120 volt 40 amp SS relay with AC control mounted on the bottom of the chassis with a little heat sink compound.
> I have used a similar unit(Crydom A2440, 240 volt 40 amp AC control) before on the Drake L4B and SB-220 to switch the primaries of the plate transformers with very good results.
> I hope to be up and running soon!
>
> Don W9BHI
>
>
> --- In T-368_BC-610@yahoogroups.com, mac <w7qho@> wrote:
> >
> > Don,
> >
> > Have owned a couple of these over the years and worked on several
> > others. My "C" model had the original N and C connectors. I had the
> > mating cable ends so didn't bother to change them out. The
> > "Basic" (first model) I'm using now came with an SO-239 and a BNC
> > already installed. The things were built for 24/7 use and we barely
> > warm them up in ham use. Only real "problem" I (and others) have
> > encountered is with the relay ahead of the high voltage transformer.
> > The sealed unit used in the later models is underrated and will fail
> > after a period of normal ham use. I believe this is because we
> > operate primarily in the PTT mode where the military mainly used these
> > transmitters for RTTY, especially in later years. The open-frame
> > relay used in earlier models lasts longer but the contacts will burn
> > and will start to stick in the closed position after a few years of
> > regular (ham) use. Dressing the contacts helps for a while but the

> > only permanent fix myself and others have found is to replace with a
> > mercury plunger type.
> >
> > Good luck!
> >
> > Dennis D. W7QHO
> > Glendale, CA
> >
> > **********
> > On May 6, 2013, at 12:11 PM, w9bhi wrote:
> >
> > > t is definitly not a starter rig or for the electronically
> > > challenged, always have one hand in your pocket etc.
> > > Changed out the N and the C connectors for SO-239's.
> > > Waiting for the power connector from Fair radio.
> > > Hoping to get this thing on the air by this weekend if no smoke
> > > escapes from it the first time trying to load it into a dummy load.
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

# 5566. Re: [T-368_BC-610] Re: New toy

Yahoo group: T-368_BC-610
Date: 2013-05-11 16:13:04 UTC
From: mac
Topic: 5536  Message: 5566

Don,

Check to see if the 6AL5 and 6AH6 are lighting up. They get their filament power from the speech amp chassis mounted on the left rear of the modulator drawer. Reseating the speech amp connector solved the "not keying" problem for me a couple of times on a "C" model I had. The old Basic I'm now using doesn't use any tubes in the keying circuit BTW.

Dennis D. W7QHO
Glendale, CA

**********
On May 11, 2013, at 7:53 AM, w9bhi wrote:

> I got the new SS plate relay installed and put the decks into the
> cabinet.
> No more "kerchunk"
> I loaded up the rig into a 1kw load and saw in excess of 600 watts.
> Tried to key it up from the mic plug in AM but the keyer circuit is
> not working.
> The transmitter grid block line worked but the antenna relay didn't.
> It cooked the 47 ohm 2 watt resistor in the antenna relay cicuit.
> The 6AL5 and 6AH6 test good on my Hickok.
> I have the mod deck on the bench now and I am going to try and power
> it up by itself and see what is wrong with the keyer.

[Non-text portions of this message have been removed]

# 5567. Re: New toy

Yahoo group: T-368_BC-610
Date: 2013-05-11 18:58:26 UTC
From: w9bhi
Topic: 5536  Message: 5567

Dennis,
I got the mod deck powered up on the bench.
The 6AH6 was bad.
My Hickok said it was good.
I swapped it with one from the RF deck and the keyer worked.
I guess tube testers lie sometimes.
I ordered 2 tubes (they were only $3.00 each) from Hamtubes.com.
The unit is back together and I am in the process of wiring up a powered D-104 microphone to the mic connector.
Have to do the waiting game now.

Don W9BHI

--- In T-368_BC-610@yahoogroups.com, mac <w7qho@...> wrote:
>
> Don,
>
> Check to see if the 6AL5 and 6AH6 are lighting up. They get their
> filament power from the speech amp chassis mounted on the left rear of
> the modulator drawer. Reseating the speech amp connector solved the
> "not keying" problem for me a couple of times on a "C" model I had.
> The old Basic I'm now using doesn't use any tubes in the keying
> circuit BTW.
>
> Dennis D. W7QHO
> Glendale, CA
>
> ********************
> On May 11, 2013, at 7:53 AM, w9bhi wrote:
>
> > I got the new SS plate relay installed and put the decks into the
> > cabinet.
> > No more "kerchunk"
> > I loaded up the rig into a 1kw load and saw in excess of 600 watts.
> > Tried to key it up from the mic plug in AM but the keyer circuit is
> > not working.
> > The transmitter grid block line worked but the antenna relay didn't.
> > It cooked the 47 ohm 2 watt resistor in the antenna relay cicuit.
> > The 6AL5 and 6AH6 test good on my Hickok.
> > I have the mod deck on the bench now and I am going to try and power
> > it up by itself and see what is wrong with the keyer.
>
>
>
> [Non-text portions of this message have been removed]

>

# 5568. Need a excitation meter for my T-3

Yahoo group: T-368_BC-610
Date: 2013-05-12 15:02:26 UTC
From: w9bhi
Topic: 5568  Message: 5568

The excitation meter in my T-3 is permanently stuck on 50Ma.
Anybody have an extra meter they would sell?
Thanks,
Don W9BHI

# 5569. RE: [T-368_BC-610] Need a excitation meter for my T-3

Yahoo group: T-368_BC-610
Date: 2013-05-12 23:54:41 UTC
From: John Page
Topic: 5568  Message: 5569

give me meter dimensions and FS amps. I probably have one in my box of meters in the basment. have 50 plus years worth of stuff down there.

John Page K4KWM
Hollow State since 1953
(ex W8PKU,N8BLB,NA8O)
To: T-368_BC-610@yahoogroups.com
From: donrdlph@...
Date: Sun, 12 May 2013 15:02:26 +0000
Subject: [T-368_BC-610] Need a excitation meter for my T-3

The excitation meter in my T-3 is permanently stuck on 50Ma.

Anybody have an extra meter they would sell?

Thanks,

Don W9BHI

[Non-text portions of this message have been removed]

# 5570. Re: [T-368_BC-610] Need a excitation meter for my T-3

Yahoo group: T-368_BC-610
Date: 2013-05-13 00:20:30 UTC
From: Don Allison
Topic: 5568  Message: 5570

Hey John I've been trying to get ahold of you for months it seems ...LOL ..
This is Don down in Lexington ... give me a call when you have time ..
859-396-2299 ...

I still haven't fired up the T3 yet ... needing your help in a few matters
..

73 Don WC4

On Sun, May 12, 2013 at 7:54 PM, John Page <k4kwm@...> wrote:

> give me meter dimensions and FS amps. I probably have one in my box of
> meters in the basment. have 50 plus years worth of stuff down there.
>
> John Page K4KWM
> Hollow State since 1953
> (ex W8PKU,N8BLB,NA8O)
> To: T-368_BC-610@yahoogroups.com
> From: donrdlph@...
> Date: Sun, 12 May 2013 15:02:26 +0000
> Subject: [T-368_BC-610] Need a excitation meter for my T-3
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> The excitation meter in my T-3 is permanently stuck on 50Ma.
>
> Anybody have an extra meter they would sell?
>
> Thanks,
>
> Don W9BHI
>
> [Non-text portions of this message have been removed]
>
> ---
>
> Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 5571. Re: [T-368_BC-610] Need a excitation meter for my T-3

Yahoo group: T-368_BC-610
Date: 2013-05-13 00:21:21 UTC
From: Mark J. Blair
Topic: 5568  Message: 5571

I had to replace the excitation and filament voltage meters in my T-368C. I couldn't find exact original meters, but I found similar enough ones to make the swap.

The voltage meter was easy, but the excitation meter took a little bit more work. The divider circuits that set the ranges of the excitation meter assume that the meter winding has a particular DC resistance. It was only modestly difficult to find a meter which looked right and had a suitable full-scale range, but the coil resistance was different. I replaced the precision divider resistors for the different ranges with trimpots and then adjusted them for correct meter reading in the various ranges.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 5572. Re: Need a excitation meter for my T-3

Yahoo group: T-368_BC-610
Date: 2013-05-14 00:05:13 UTC
From: w9bhi
Topic: 5568  Message: 5572

Hello John,
The meter is 15 Ma full scale.
It says 3.3ohm impedance and "ruggedized" on the bottom of the scale
plate.
It was made by Phasotron.

If you have one like this,it would be great.
Thanks,
Don W9BHI

--- In T-368_BC-610@yahoogroups.com, John Page <k4kwm@...> wrote:
>
> give me meter dimensions and FS amps. I probably have one in my box of meters in the
basment. have 50 plus years worth of stuff down there.
>
> John Page K4KWM
> Hollow State since 1953
> (ex W8PKU,N8BLB,NA8O)
> To: T-368_BC-610@yahoogroups.com
> From: donrdlph@...
> Date: Sun, 12 May 2013 15:02:26 +0000
> Subject: [T-368_BC-610] Need a excitation meter for my T-3
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>
> The excitation meter in my T-3 is permanently stuck on 50Ma.
>
> Anybody have an extra meter they would sell?
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> Thanks,
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> Don W9BHI
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> [Non-text portions of this message have been removed]
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# 5573. Re: Need a excitation meter for my T-3

Yahoo group: T-368_BC-610
Date: 2013-05-14 19:59:02 UTC
From: Jan
Topic: 5568  Message: 5573

i think a have a new one spare
i will look
Jan
PA3HCO

--- In T-368_BC-610@yahoogroups.com, "w9bhi" <donrdlph@...> wrote:
>
> Hello John,
> The meter is 15 Ma full scale.
> It says 3.3ohm impedance and "ruggedized" on the bottom of the scale
> plate.
> It was made by Phasotron.
>
> If you have one like this,it would be great.
> Thanks,
> Don W9BHI
>
>
> --- In T-368_BC-610@yahoogroups.com, John Page <k4kwm@> wrote:
> >
> > give me meter dimensions and FS amps. I probably have one in my box of meters in the
basment. have 50 plus years worth of stuff down there.
> >
> > John Page K4KWM
> > Hollow State since 1953
> > (ex W8PKU,N8BLB,NA8O)
> > To: T-368_BC-610@yahoogroups.com
> > From: donrdlph@
> > Date: Sun, 12 May 2013 15:02:26 +0000
> > Subject: [T-368_BC-610] Need a excitation meter for my T-3
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> > The excitation meter in my T-3 is permanently stuck on 50Ma.
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> > Anybody have an extra meter they would sell?
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> > Thanks,
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> > Don W9BHI
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> > [Non-text portions of this message have been removed]
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# 5574. T368 Plate fuse blowing

Yahoo group: T-368_BC-610
Date: 2013-05-15 04:15:05 UTC
From: babysun35121
Topic: 5574  Message: 5574

Need some tips on the second or plate fuse blowing shortly after I turn on the rig without any Rf into it.

# 5575. T368 Plate fuse blowing

Yahoo group: T-368_BC-610
Date: 2013-05-15 04:20:51 UTC
From: babysun35121
Topic: 5574  Message: 5575

Need some tips on the second or plate fuse blowing shortly after I turn on the rig without any Rf into it.

# 5576. Re: Need a excitation meter for my T-3

Yahoo group: T-368_BC-610
Date: 2013-05-15 12:26:54 UTC
From: w9bhi
Topic: 5568  Message: 5576

Thanks Jan, I hope you have one.
Don W9BHI

--- In T-368_BC-610@yahoogroups.com, "Jan" <wassink@...> wrote:
>
> i think a have a new one spare
> i will look
> Jan
> PA3HCO
>
> --- In T-368_BC-610@yahoogroups.com, "w9bhi" <donrdlph@> wrote:
> >
> > Hello John,
> > The meter is 15 Ma full scale.
> > It says 3.3ohm impedance and "ruggedized" on the bottom of the scale
> > plate.
> > It was made by Phasotron.
> >
> > If you have one like this,it would be great.
> > Thanks,
> > Don W9BHI
> >
> >
> > --- In T-368_BC-610@yahoogroups.com, John Page <k4kwm@> wrote:
> > >
> > > give me meter dimensions and FS amps. I probably have one in my box of meters in the
basment. have 50 plus years worth of stuff down there.
> > >
> > > John Page K4KWM
> > > Hollow State since 1953
> > > (ex W8PKU,N8BLB,NA8O)
> > > To: T-368_BC-610@yahoogroups.com
> > > From: donrdlph@
> > > Date: Sun, 12 May 2013 15:02:26 +0000
> > > Subject: [T-368_BC-610] Need a excitation meter for my T-3
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> > > The excitation meter in my T-3 is permanently stuck on 50Ma.
> > >
> > > Anybody have an extra meter they would sell?
> > >
> > > Thanks,
> > >
> > > Don W9BHI
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> > > [Non-text portions of this message have been removed]
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>

# 5577. Re: [T-368_BC-610] T368 Plate fuse blowing

Yahoo group: T-368_BC-610
Date: 2013-05-15 21:51:39 UTC
From: Joe Foley
Topic: 5574  Message: 5577

Crunchy HV wiring under the Power Supply deck.

Joe

--- On Wed, 5/15/13, babysun35121 <babysun35121@...> wrote:

From: babysun35121 <babysun35121@...>
Subject: [T-368_BC-610] T368 Plate fuse blowing
To: T-368_BC-610@yahoogroups.com
Date: Wednesday, May 15, 2013, 12:20 AM

Need some tips on the second or plate fuse blowing shortly after I turn on the rig without any Rf into it.

[Non-text portions of this message have been removed]

# 5578. Re: [T-368_BC-610] T368 Plate fuse blowing

Yahoo group: T-368_BC-610
Date: 2013-05-16 02:55:12 UTC
From: mac
Topic: 5574  Message: 5578

There is no "plate fuse" on the T-368. Are you perchance looking at a
BC-610?

Dennis D. W7QHO
Glendale, CA

**********
On May 14, 2013, at 9:20 PM, babysun35121 wrote:

> Need some tips on the second or plate fuse blowing shortly after I
> turn on the rig without any Rf into it.
>
>

[Non-text portions of this message have been removed]

# 5579. BC-610 PA tuning knob and hardware wanted

Yahoo group: T-368_BC-610
Date: 2013-05-16 18:34:18 UTC
From: Roger Basford
Topic: 5579  Message: 5579

Hi All,

I know this is a long shot but does anyone have a spare tuning knob with dial and locking clamp for a BC-610? This is the last bit I need to complete my -E.

73

Roger/G3VKM - Norfolk, England.

# 5580. BC-614 power supply protection

Yahoo group: T-368_BC-610
Date: 2013-05-20 07:06:35 UTC
From: Roger Basford
Topic: 5580  Message: 5580

Hi All,

Some weeks ago I had a failure of the 250-0-250V secondary winding of the T103 power transformer in my Detrola BC-614-E. A search for an exact replacement was fruitless and so I reluctantly forked-out 42 GBP for a Danbury Electronics substitute. Along the way, I was offered several other transformers but they all lacked the 115-120V primary I needed, UK mains supply being 230V, nominally. However, the replacement appears to be doing the job and I chose a method of mounting that used the original through-chassis aperture without need for further drilling.

Looking at the BC-614 manual, it shows that 20ma of B+ current is drawn in operation. I metered this on my new transformer, at the 0 volt centre-tap and found it was indeed 20-23ma, with a small surge at power-up to about 50ma as the rectifier warmed up and the smoothing caps charged. This suggests to me that the original winding didn't burn out due to faulty smoothing caps, rather it probably failed through age and poor insulation. Anyway, whilst I was "in the area" I fitted a 100ma fuse in the centre tap of the new B+ winding, which should provide some protection if I have a component somewhere that is occasionally dragging the B+ down. The B+ line is always energised when the BC-610 power is on, so the load on the transformer is constant.

My BC-614-E has already got a non-standard AF output transformer fitted and has largely been re-capped, so I wasn't too worried about compromising "originality".

73

Roger/G3VKM - Norfolk, England.

# 5581. fuse

Yahoo group: T-368_BC-610
Date: 2013-05-20 07:18:30 UTC
From: Alan Morriss
Topic: 5581  Message: 5581

hello , i had exactly the same fault, my transformer was wrecked and the psu full of pitch. after a lot of trouble , i finally got a replacement psu fixed up. what i was advised to do was to use the spare fuse holder as a fuse to protect the psu . this works fine as all you have to do is disconnect the B+ on the tag board and route it to the fuse holder and back. . alan G4GEN

[Non-text portions of this message have been removed]

# 5582. Buzzing BC-610 PA Relay

Yahoo group: T-368_BC-610
Date: 2013-05-20 07:25:32 UTC
From: Roger Basford
Topic: 5582  Message: 5582

Hi All,

Since I got my BC-610-E, it has always suffered from a noisy RY4 relay, the relay that shorts the output link on the PA tuning coil when on receive. The noise is a loud buzz at mains frequency and I am wondering if other owners have a similar problem, or do I have a duff relay? The noise level varies each time I go to transmit; sometimes the buzz is acceptable but usually it is really loud - but will usually quieten down if I go to receive and back to transmit again.

As I'm in the UK the mains supply is 50Hz, not 60Hz, is this likely to be a factor? If so, the other 115V relays in the transmitter seem happy enough on a 50Hz diet. I use a "site-transformer" to give me 110V AC from 230V in to power all my American gear. This type of transformer is for use outdoors with power tools and has a centre-tap to ground, so that the maximum a person could be exposed to is 55V above ground in a fault situation. For my purposes, I simply lift the centre-tap so that the transformer is a straight 230/110V type, I don't trust auto-transformers that have a single tapped winding.

Just lately, RY4 has failed to operate on occasion, leaving a dead short across the link and causing the PA coil some grief and smoke, so I feel that my RY4 is on the way out. Any comments?

73

Roger/G3VKM - Norfolk, England.

# 5583. relay

Yahoo group: T-368_BC-610
Date: 2013-05-20 08:49:41 UTC
From: Alan Morriss
Topic: 4730  Message: 5583

hello roger, i had problems with that relay, so i fixed a paxolin strip between the contacts. it did not seem to be any different from the rx noise point of view. my relay did not make any noise to speak of though . alan G4GEN

[Non-text portions of this message have been removed]

# 5584. Re: [T-368_BC-610] Buzzing BC-610 PA Relay

Yahoo group: T-368_BC-610
Date: 2013-05-20 17:15:49 UTC
From: mac
Topic: 5582  Message: 5584

Roger,

Suggest removing RY4 completely. In the SCR-399/499 setups,
apparently, the transmitter PA tank circuit and xmitting antenna
together could adversely affect the receivers in some circumstances
and RY4 shorting out the link would alleviate this. Suggest removing
RY4 and testing to see if doing so has any adverse affect on your
receiving setup.

Dennis D. W7QHO
Glendale, CA

**********
On May 20, 2013, at 12:25 AM, Roger Basford wrote:

> Hi All,
>
> Since I got my BC-610-E, it has always suffered from a noisy RY4
> relay, the relay that shorts the output link on the PA tuning coil
> when on receive. The noise is a loud buzz at mains frequency and I
> am wondering if other owners have a similar problem, or do I have a
> duff relay? The noise level varies each time I go to transmit;
> sometimes the buzz is acceptable but usually it is really loud - but
> will usually quieten down if I go to receive and back to transmit
> again.
>
> As I'm in the UK the mains supply is 50Hz, not 60Hz, is this likely
> to be a factor? If so, the other 115V relays in the transmitter seem
> happy enough on a 50Hz diet. I use a "site-transformer" to give me
> 110V AC from 230V in to power all my American gear. This type of
> transformer is for use outdoors with power tools and has a centre-
> tap to ground, so that the maximum a person could be exposed to is
> 55V above ground in a fault situation. For my purposes, I simply
> lift the centre-tap so that the transformer is a straight 230/110V
> type, I don't trust auto-transformers that have a single tapped
> winding.
>
> Just lately, RY4 has failed to operate on occasion, leaving a dead
> short across the link and causing the PA coil some grief and smoke,
> so I feel that my RY4 is on the way out. Any comments?
>
> 73
>
> Roger/G3VKM - Norfolk, England.
>
>

[Non-text portions of this message have been removed]

# 5585. T 368 Parts needed

Yahoo group: T-368_BC-610
Date: 2013-05-20 17:37:46 UTC
From: tentecguy
Topic: 5585  Message: 5585

Hi Rich here,

I am picking up a T 368 and I am in need of parts that seem to be missing from the top drawer. The two removable rectangular panels, the left being the tuning circuit has been removed, the right being the frequency panel and related components are missing from the deck. If anyone has these parts and is willing to sell them or possibly point me in the direction of parts or a parts rig, I would appreciate any help I can get. I will try to post a picture in the photos section so you can see what I am missing. Thanks, Richy N2ZD, my email is good on QRZ or emails can be sent direct from here. Thanks

# 5586. Re: [T-368_BC-610] T 368 Parts needed

Yahoo group: T-368_BC-610
Date: 2013-05-20 22:29:50 UTC
From: mac
Topic: 5585  Message: 5586

Yuck, sounds like you're missing the whole VFO and exciter assembly.
How much is missing on the left side, the vacuum variables and coils
gone as well?

Dennis D. W7QHO
Glendale, CA

**********
On May 20, 2013, at 10:37 AM, tentecguy wrote:

>
> Hi Rich here,
>
> I am picking up a T 368 and I am in need of parts that seem to be
> missing from the top drawer. The two removable rectangular panels,
> the left being the tuning circuit has been removed, the right being
> the frequency panel and related components are missing from the
> deck. If anyone has these parts and is willing to sell them or
> possibly point me in the direction of parts or a parts rig, I would
> appreciate any help I can get. I will try to post a picture in the
> photos section so you can see what I am missing. Thanks, Richy N2ZD,
> my email is good on QRZ or emails can be sent direct from here. Thanks
>
>

[Non-text portions of this message have been removed]

# 5587. Re: [T-368_BC-610] T 368 Parts needed

Yahoo group: T-368_BC-610
Date: 2013-05-21 00:29:17 UTC
From: mac
Topic: 5585  Message: 5587

Could be a government DEMIL job......

Good luck!

Dennis D. W7QHO
Glendale, CA

**********

On May 20, 2013, at 4:07 PM, ss409ss@... wrote:

> yes, looks like they took out both complete units as shown in the
> picture. I paid 58 bucks at auction for the rest, now I have to find
> the missing components. The other two drawers are complete. Just the
> RF deck was messed with. Thanks Richy N2ZD
>
>
>
> -----Original Message-----
> From: mac <w7qho@...>
> To: tentecguy <ss409ss@...>
> Cc: T-368_BC-610 <T-368_BC-610@yahoogroups.com>
> Sent: Mon, May 20, 2013 6:29 pm
> Subject: Re: [T-368_BC-610] T 368 Parts needed
>
> Yuck, sounds like you're missing the whole VFO and exciter
> assembly. How much is missing on the left side, the vacuum
> variables and coils gone as well?
>
> Dennis D. W7QHO
> Glendale, CA
>
> **********
>
> On May 20, 2013, at 10:37 AM, tentecguy wrote:
>
>>
>> Hi Rich here,
>>
>> I am picking up a T 368 and I am in need of parts that seem to be
>> missing from the top drawer. The two removable rectangular panels,
>> the left being the tuning circuit has been removed, the right being
>> the frequency panel and related components are missing from the
>> deck. If anyone has these parts and is willing to sell them or
>> possibly point me in the direction of parts or a parts rig, I would
>> appreciate any help I can get. I will try to post a picture in the

>> photos section so you can see what I am missing. Thanks, Richy
>> N2ZD, my email is good on QRZ or emails can be sent direct from
>> here. Thanks
>>
>>
>

[Non-text portions of this message have been removed]

# 5588. Re: Buzzing BC-610 PA Relay

Yahoo group: T-368_BC-610
Date: 2013-05-21 06:02:31 UTC
From: Roger Basford
Topic: 5582  Message: 5588

Hi Dennis & Alan,

Thanks for the advice. I also read somewhere that the PA stage can radiate noise if the link winding was left open, hence the need for RY4. A test using an insulating bar like Alan suggests would show whether noise is an issue here. I use a Wellbrook one-metre loop active RX antenna fed through a ex-USN multi-coupler to my different RXs, so the RXs and the BC-610 don't share a common feed or antenna changeover system. I'll let the group know what I find.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, mac <w7qho@...> wrote:
>
> Roger,
>
> Suggest removing RY4 completely. In the SCR-399/499 setups,
> apparently, the transmitter PA tank circuit and xmitting antenna
> together could adversely affect the receivers in some circumstances
> and RY4 shorting out the link would alleviate this. Suggest removing
> RY4 and testing to see if doing so has any adverse affect on your
> receiving setup.
>
> Dennis D. W7QHO
> Glendale, CA
>
> ******************
> On May 20, 2013, at 12:25 AM, Roger Basford wrote:
>
> > Hi All,
> >
> > Since I got my BC-610-E, it has always suffered from a noisy RY4
> > relay, the relay that shorts the output link on the PA tuning coil
> > when on receive. The noise is a loud buzz at mains frequency and I
> > am wondering if other owners have a similar problem, or do I have a
> > duff relay? The noise level varies each time I go to transmit;
> > sometimes the buzz is acceptable but usually it is really loud - but
> > will usually quieten down if I go to receive and back to transmit
> > again.
> >
> > As I'm in the UK the mains supply is 50Hz, not 60Hz, is this likely
> > to be a factor? If so, the other 115V relays in the transmitter seem
> > happy enough on a 50Hz diet. I use a "site-transformer" to give me
> > 110V AC from 230V in to power all my American gear. This type of
> > transformer is for use outdoors with power tools and has a centre-

> > tap to ground, so that the maximum a person could be exposed to is
> > 55V above ground in a fault situation. For my purposes, I simply
> > lift the centre-tap so that the transformer is a straight 230/110V
> > type, I don't trust auto-transformers that have a single tapped
> > winding.
> >
> > Just lately, RY4 has failed to operate on occasion, leaving a dead
> > short across the link and causing the PA coil some grief and smoke,
> > so I feel that my RY4 is on the way out. Any comments?
> >
> > 73
> >
> > Roger/G3VKM - Norfolk, England.
> >
> >
>
>
>
> [Non-text portions of this message have been removed]
>

# 5589. Re: fuse

Yahoo group: T-368_BC-610
Date: 2013-05-21 06:07:46 UTC
From: Roger Basford
Topic: 5581  Message: 5589

Hi Alan,

I had a look at the faulty T103 that I removed from the BC-614 and it does show signs of the filler starting to sweat out, so I think it must have been overheating for a while. Anyway, hopefully the fuse will trip if any other components start dragging the HT down. I thought the fuse was a worthwhile "mod", given the price of a replacement transformer.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello , i had exactly the same fault, my transformer was wrecked and the psu full of pitch. after a lot of trouble , i finally got a replacement psu fixed up. what i was advised to do was to use the spare fuse holder as a fuse to protect the psu . this works fine as all you have to do is disconnect the B+ on the tag board and route it to the fuse holder and back. . alan G4GEN
>
> [Non-text portions of this message have been removed]
>

# 5590. relay

Yahoo group: T-368_BC-610
Date: 2013-05-21 07:40:39 UTC
From: Alan Morriss
Topic: 4730  Message: 5590

hello roger, the SCR399 was designed for separate whip antennas for each rx and a bigger one for the tx. as such it works very well. the relay was designed with this in mind. i expect the noise was generated by the PE95 and radiated via the tank coil. i tried using a johnson kilowatt matchbox with a feed for the rx antenna using a doublet. it worked ok . the trouble was that it cluttered up the shelter , so it is now on the shelf and i use the BC939 and a long wire. results seem the same. i also use a plant transformer when the truck is in the tank shed . i had to disconnect the centre tap on it as the truck was live to ground and i have to ground it to the steel stucture of the building .
i never could detect any noise from the BC610 in the receivers whether the relay was operational or not.. i leave it blanked off . i used the feed to the relay to operate the antenna change over in the matchbox. alan G4GEN

[Non-text portions of this message have been removed]

# 5591. RY-4 Relay

Yahoo group: T-368_BC-610
Date: 2013-05-22 06:14:49 UTC
From: Roger Basford
Topic: 4730  Message: 5591

Hi Alan,

No, I don't think it was the PE-95, more like there is an issue with thermionic noise generated by the PA valve or perhaps a de-sensing of the receiver caused by the link, either way the short was thought to be necessary. I may have a suitable heavy-duty DC-coiled relay which can replace the old RY4 and it will be a simple matter to energise the new one from the RY4 115V supply terminals on the modulation deck, via a suitable step-down transformer and a couple of diodes.

I've had to divert my attentions to the Larkspur C11 TX over the past few days; the HV flashed-over in the 12-way power connector and I had to replace the whole socket, made me realise how bad my eyesight is getting! Anyway, it's done now and can get back to the BC-610.

73

Roger

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello roger, the SCR399 was designed for separate whip antennas for each rx and a bigger one for the tx. as such it works very well. the relay was designed with this in mind. i expect the noise was generated by the PE95 and radiated via the tank coil. i tried using a johnson kilowatt matchbox with a feed for the rx antenna using a doublet. it worked ok . the trouble was that it cluttered up the shelter , so it is now on the shelf and i use the BC939 and a long wire. results seem the same. i also use a plant transformer when the truck is in the tank shed . i had to disconnect the centre tap on it as the truck was live to ground and i have to ground it to the steel stucture of the building .
> i never could detect any noise from the BC610 in the receivers whether the relay was operational or not.. i leave it blanked off . i used the feed to the relay to operate the antenna change over in the matchbox. alan G4GEN
>
> [Non-text portions of this message have been removed]
>

# 5592. Re: Blown-Fuse Indicator Lights

Yahoo group: T-368_BC-610
Date: 2013-05-27 16:03:20 UTC
From: n2len
Topic: 2247  Message: 5592

Hello Dennis and everyone.
Is this source still available? Or can someone provide me with another source.
I also need one captive bolt for the front.

Regards,
Len N2LEN

--- In T-368_BC-610@yahoogroups.com, w7qho@... wrote:
>
> I've located a source for the square neon blown-fuse indicator lights used on
> the T-368 power supply drawer. Anyone need these?
>
> Dennis D. W7QHO
> Glendale, CA
>
>
> [Non-text portions of this message have been removed]
>

# 5593. Re: [T-368_BC-610] Re: Blown-Fuse Indicator Lights

Yahoo group: T-368_BC-610
Date: 2013-05-27 16:33:34 UTC
From: mac
Topic: 2247  Message: 5593

Len,

Think I still have some of those indicator lights. How many do you need? Can't help you with the captive nut/bolt, sorry.

Dennis D. W7QHO
Glendale, CA

**********
On May 27, 2013, at 9:03 AM, n2len wrote:

> Hello Dennis and everyone.
> Is this source still available? Or can someone provide me with another source.
> I also need one captive bolt for the front.
>
> Regards,
> Len N2LEN
>
> --- In T-368_BC-610@yahoogroups.com, w7qho@... wrote:
> >
> > I've located a source for the square neon blown-fuse indicator lights used on
> > the T-368 power supply drawer. Anyone need these?
> >
> > Dennis D. W7QHO
> > Glendale, CA
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>

[Non-text portions of this message have been removed]

# 5594. Re: Blown-Fuse Indicator Lights

Yahoo group: T-368_BC-610
Date: 2013-05-28 13:27:00 UTC
From: w9bhi
Topic: 2247  Message: 5594

Hello Dennis,
I need 2 of those clear, square, blown fuse indicator lamps for my T-368.
Do you still have any left?
Thanks,
Don W9BHI

--- In T-368_BC-610@yahoogroups.com, mac <w7qho@...> wrote:
>
> Len,
>
> Think I still have some of those indicator lights. How many do you
> need? Can't help you with the captive nut/bolt, sorry.
>
> Dennis D. W7QHO
> Glendale, CA
>
> ********************
> On May 27, 2013, at 9:03 AM, n2len wrote:
>
> > Hello Dennis and everyone.
> > Is this source still available? Or can someone provide me with
> > another source.
> > I also need one captive bolt for the front.
> >
> > Regards,
> > Len N2LEN
> >
> > --- In T-368_BC-610@yahoogroups.com, w7qho@ wrote:
> > >
> > > I've located a source for the square neon blown-fuse indicator
> > lights used on
> > > the T-368 power supply drawer. Anyone need these?
> > >
> > > Dennis D. W7QHO
> > > Glendale, CA
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> >
>
>
>
> [Non-text portions of this message have been removed]

>

# 5595. Re: [T-368_BC-610] Re: Blown-Fuse Indicator Lights

Yahoo group: T-368_BC-610
Date: 2013-05-28 13:34:23 UTC
From: Don Allison
Topic: 2247  Message: 5595

I would be interested in one of the bulbs if I could buy one from you Dennis. Just let me know what you need for one plus shipping and I'll get it right off to you ...
73 Don WC4D

On Mon, May 27, 2013 at 12:33 PM, mac <w7qho@...> wrote:

> Len,
>
> Think I still have some of those indicator lights. How many do you
> need? Can't help you with the captive nut/bolt, sorry.
>
> Dennis D. W7QHO
> Glendale, CA
>
> ********************
> On May 27, 2013, at 9:03 AM, n2len wrote:
>
> > Hello Dennis and everyone.
> > Is this source still available? Or can someone provide me with
> > another source.
> > I also need one captive bolt for the front.
> >
> > Regards,
> > Len N2LEN
> >
> > --- In T-368_BC-610@yahoogroups.com, w7qho@... wrote:
> > >
> > > I've located a source for the square neon blown-fuse indicator
> > lights used on
> > > the T-368 power supply drawer. Anyone need these?
> > >
> > > Dennis D. W7QHO
> > > Glendale, CA
> > >
> > >
> > > [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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# 5596. Re: [T-368_BC-610] Re: Blown-Fuse Indicator Lights

Yahoo group: T-368_BC-610
Date: 2013-05-28 17:22:34 UTC
From: mac
Topic: 2247  Message: 5596

Don,

Am getting more requests for these than I have stock. Do you need a replacement for both indicators or only one of the pair in your radio? I would like to spread what I have around to as many needy T-368s out there as possible. :^)

Dennis D. W7QHO
Glendale, CA

**********

On May 28, 2013, at 6:27 AM, w9bhi wrote:

> Hello Dennis,
> I need 2 of those clear, square, blown fuse indicator lamps for my
> T-368.
> Do you still have any left?
> Thanks,
> Don W9BHI

[Non-text portions of this message have been removed]

# 5597. Re: Blown-Fuse Indicator Lights

Yahoo group: T-368_BC-610
Date: 2013-05-28 17:32:15 UTC
From: w9bhi
Topic: 2247  Message: 5597

Dennis,
The left indicator is burned out and the right one has the lens broken off, so I will need 2 of them.
Let me know how you want me to pay for them.
Thanks,
Don W9BHI

--- In T-368_BC-610@yahoogroups.com, mac <w7qho@...> wrote:
>
> Don,
>
> Am getting more requests for these than I have stock. Do you need a
> replacement for both indicators or only one of the pair in your
> radio? I would like to spread what I have around to as many needy
> T-368s out there as possible. :^)
>
> Dennis D. W7QHO
> Glendale, CA
>
> **********
>
> On May 28, 2013, at 6:27 AM, w9bhi wrote:
>
> > Hello Dennis,
> > I need 2 of those clear, square, blown fuse indicator lamps for my
> > T-368.
> > Do you still have any left?
> > Thanks,
> > Don W9BHI
>
>
>
> [Non-text portions of this message have been removed]
>

# 5598. Re: [T-368_BC-610] Re: Blown-Fuse Indicator Lights

Yahoo group: T-368_BC-610
Date: 2013-05-28 19:22:25 UTC
From: Don Allison
Topic: 2247  Message: 5598

If I could get just one that would be a big help ... mine has been out for a while .. so one would do me and maybe down the line I could find a spair ...
73 Don

On Tue, May 28, 2013 at 1:22 PM, mac <w7qho@...> wrote:

> **
>
>
> Don,
>
> Am getting more requests for these than I have stock. Do you need a
> replacement for both indicators or only one of the pair in your
> radio? I would like to spread what I have around to as many needy
> T-368s out there as possible. :^)
>
>
> Dennis D. W7QHO
> Glendale, CA
>
> **********
>
> On May 28, 2013, at 6:27 AM, w9bhi wrote:
>
> > Hello Dennis,
> > I need 2 of those clear, square, blown fuse indicator lamps for my
> > T-368.
> > Do you still have any left?
> > Thanks,
> > Don W9BHI
>
> [Non-text portions of this message have been removed]
>
>
>

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# 5599. Re: [T-368_BC-610] Re: Blown-Fuse Indicator Lights

Yahoo group: T-368_BC-610
Date: 2013-05-30 20:43:16 UTC
From: mac
Topic: 2247  Message: 5599

Don,

Mailing address?

Dennis D. W7QHO
Glendale, CA

**********
On May 28, 2013, at 12:22 PM, Don Allison wrote:

> If I could get just one that would be a big help ... mine has been
> out for
> a while .. so one would do me and maybe down the line I could find a
> spair
> ...
> 73 Don
>
>
> On Tue, May 28, 2013 at 1:22 PM, mac <w7qho@...> wrote:
>
>> **
>>
>>
>> Don,
>>
>> Am getting more requests for these than I have stock. Do you need a
>> replacement for both indicators or only one of the pair in your
>> radio? I would like to spread what I have around to as many needy
>> T-368s out there as possible. :^)
>>
>>
>> Dennis D. W7QHO
>> Glendale, CA
>>
>> **********
>>
>> On May 28, 2013, at 6:27 AM, w9bhi wrote:
>>
>>> Hello Dennis,
>>> I need 2 of those clear, square, blown fuse indicator lamps for my
>>> T-368.
>>> Do you still have any left?
>>> Thanks,
>>> Don W9BHI
>>
>> [Non-text portions of this message have been removed]

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# 5600. Re: Blown-Fuse Indicator Lights

Yahoo group: T-368_BC-610
Date: 2013-05-31 12:54:15 UTC
From: w9bhi
Topic: 2247  Message: 5600

Don Rudolph
3984 E. 2259th RD.
Serena Il. 60549

I need 2 of the blown fuse indicators.
Thanks,
Don W9BHI

--- In T-368_BC-610@yahoogroups.com, mac <w7qho@...> wrote:
>
> Don,
>
> Mailing address?
>
> Dennis D. W7QHO
> Glendale, CA
>
> **********
> On May 28, 2013, at 12:22 PM, Don Allison wrote:
>
> > If I could get just one that would be a big help ... mine has been
> > out for
> > a while .. so one would do me and maybe down the line I could find a
> > spair
> > ...
> > 73 Don
> >
> >
> > On Tue, May 28, 2013 at 1:22 PM, mac <w7qho@...> wrote:
> >
> >> **
> >>
> >>
> >> Don,
> >>
> >> Am getting more requests for these than I have stock. Do you need a
> >> replacement for both indicators or only one of the pair in your
> >> radio? I would like to spread what I have around to as many needy
> >> T-368s out there as possible. :^)
> >>
> >>
> >> Dennis D. W7QHO
> >> Glendale, CA
> >>
> >> **********

> >>
> >> On May 28, 2013, at 6:27 AM, w9bhi wrote:
> >>
> >>> Hello Dennis,
> >>> I need 2 of those clear, square, blown fuse indicator lamps for my
> >>> T-368.
> >>> Do you still have any left?
> >>> Thanks,
> >>> Don W9BHI
> >>
> >> [Non-text portions of this message have been removed]
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> >>
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> >
> > [Non-text portions of this message have been removed]
> >
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> > Yahoo! Groups Links
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>

# 5601. truck

Yahoo group: T-368_BC-610
Date: 2013-05-31 17:47:03 UTC
From: Alan Morriss
Topic: 5601  Message: 5601

hello guys , i thought that you might like to know that our SCR399 truck is currently being used in a film "operation monument". today they did a shot of george clooney sitting in it . hope it looks good ! alan G4GEN

[Non-text portions of this message have been removed]

# 5602. Re: truck

Yahoo group: T-368_BC-610
Date: 2013-06-01 06:03:12 UTC
From: Roger Basford
Topic: 5601  Message: 5602

Looking forward to seeing that Alan! Can't find an "Operation Monument" on Google, is the film fictional or based on a real event?

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello guys , i thought that you might like to know that our SCR399 truck is currently being used in a film "operation monument". today they did a shot of george clooney sitting in it . hope it looks good ! alan G4GEN
>
> [Non-text portions of this message have been removed]
>

# 5603. Re: truck

Yahoo group: T-368_BC-610
Date: 2013-06-01 08:21:35 UTC
From: Roger Basford
Topic: 5601  Message: 5603

Ah! My wife, who is more Internet-savvy than I am (and a George Clooney fan!), tells me it's called "The Monuments Men" and is written by Clooney too. Sounds a vaguely Indiana Jones type plot :-)).

See http://www.imdb.com/title/tt2177771/

I shall make a point of seeing it when it comes out.

73

Roger

--- In T-368_BC-610@yahoogroups.com, "Roger Basford" <Roger@...> wrote:
>
> Looking forward to seeing that Alan! Can't find an "Operation Monument" on Google, is the film fictional or based on a real event?
>
> 73
>
> Roger/G3VKM
>
>
>
>
> --- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@> wrote:
> >
> > hello guys , i thought that you might like to know that our SCR399 truck is currently being used in a film "operation monument". today they did a shot of george clooney sitting in it . hope it looks good ! alan G4GEN
> >
> > [Non-text portions of this message have been removed]
> >
>

# 5604. film

Yahoo group: T-368_BC-610
Date: 2013-06-01 11:32:35 UTC
From: Alan Morriss
Topic: 5604  Message: 5604

yes roger , you are right. operation monument was the initial title . i did not know they had settled on it. it is mostly being shot in germany , only 8 days here. george clooney is a very smart man . cheers, alan

[Non-text portions of this message have been removed]

# 5605. Re: film

Yahoo group: T-368_BC-610
Date: 2013-06-01 13:11:43 UTC
From: Roger Basford
Topic: 5604  Message: 5605

Hi Alan,

OK, well the plot synopsis sounds good and I think is based on real events. I know the Allies had teams like TICO who went after German inventions and research projects so it makes sense they would have wanted to track down looted art works too and had special teams for that purpose.

Hope to see the 399 when the film comes out, then I can bore people by saying "I've sat in the back of that truck!".

73

Roger

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> yes roger , you are right. operation monument was the initial title . i did not know they had settled on it. it is mostly being shot in germany , only 8 days here. george clooney is a very smart man . cheers, alan
>
> [Non-text portions of this message have been removed]
>

# 5606. Re: Need a excitation meter for my T-3

Yahoo group: T-368_BC-610
Date: 2013-06-06 23:02:36 UTC
From: w9bhi
Topic: 5568  Message: 5606

The excitation meter in my T-3 is permanently stuck on 50Ma.
Anybody have an extra meter they would sell?
I had a line on one but the ham that said he had one didn't,
so I am asking again.
Thanks,

Don W9BHI

# 5607. Re: [T-368_BC-610] Re: Need a excitation meter for my T-3

Yahoo group: T-368_BC-610
Date: 2013-06-07 21:55:44 UTC
From: mac
Topic: 5568  Message: 5607

Don,

You might keep an eye on eBay, I just picked up an original T-368 PA plate current meter there. (The guy didn't have any other T-368 stuff, I checked.) Worse comes to worse guess you could use a non-original 0 - 15ma unit but you would probably have to come up with new shunts to make the readings all come up correctly. Dooable but a job..... :^(

Did the lights get there OK?

Dennis D. W7QHO
Glendale, CA

**********
On Jun 6, 2013, at 4:02 PM, w9bhi wrote:

>
> The excitation meter in my T-3 is permanently stuck on 50Ma.
> Anybody have an extra meter they would sell?
> I had a line on one but the ham that said he had one didn't,
> so I am asking again.
> Thanks,
>
> Don W9BHI
>
>

[Non-text portions of this message have been removed]

# 5608. T-368 Tuning Chart Pocket Wanted

Yahoo group: T-368_BC-610
Date: 2013-06-08 00:01:39 UTC
From: Mark J. Blair
Topic: 5608  Message: 5608

My T-368C is missing the sheet metal pocket that mounts on the side of the cabinet to hold the tuning chart. I've just purchased a tuning chart on eBay, and I'm wondering whether any of y'all have an extra pocket to put it in? If all else fails, I suppose I can fabricate one for it one of these days.

As long as I'm asking questions which are likely to leave me unsatisfied, I suppose I should also ask whether there's a spare T-shaped Allen wrench out there that fits in the holding clips in one of the handle cutouts. I tried ordering a T-shaped wrench from McMaster-Carr that was bent in the same manner as the wrench pictured in the TMs, but it sadly turned out to have a handle that's much too large to fit in the storage location. Maybe I'll need to cut and weld it one of these days to make it fit?

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 5609. Re: [T-368_BC-610] Re: Need a excitation meter for my T-3

Yahoo group: T-368_BC-610
Date: 2013-06-08 00:13:49 UTC
From: Ken Schwieker
Topic: 5568  Message: 5609

Don,
Have you disconnected it and checked to see if the winding is good with an ohmmeter? Sometimes difficult to do with an ammeter as some will have an internal shunt resistor. If winding is good it may be fixable. Is the meter openable? Actually all meters can be opened even hermetically sealed ones with varying degrees of difficulty :) . I successfully opened one using a pipe cutter some years back and used some strong metal tape to reassemble the case.

Good luck,
Ken S

>*****************
>On Jun 6, 2013, at 4:02 PM, w9bhi wrote:
>
> >
> > The excitation meter in my T-3 is permanently stuck on 50Ma.
> > Anybody have an extra meter they would sell?
> > I had a line on one but the ham that said he had one didn't,
> > so I am asking again.
> > Thanks,
> >
> > Don W9BHI
> >
> >
>
>
>
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>Yahoo! Groups Links
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>No virus found in this message.
>Checked by AVG - www.avg.com
>Version: 2013.0.3343 / Virus Database: 3199/6391 - Release Date: 06/07/13

# 5610. Re: [T-368_BC-610] Re: Need a excitation meter for my T-3

Yahoo group: T-368_BC-610
Date: 2013-06-08 00:39:21 UTC
From: Mark J. Blair
Topic: 5568  Message: 5610

The faulty excitation meter in my T-368c didn't have an internal shunt resistor, and I was able to open it nondestructively. However, I judged that it had bearing problems beyond my skill to repair, so I found a similar-looking 15mA meter on eBay and modified the external shunts to compensate for the different coil resistance. That wasn't quite as hard as it might sound, since I included trimpots rather than trying to construct oddball shunt resistor values. I left the original shunt resistors in place but out of the circuit in case I ever get my hands on an exact replacement meter, or find some way to repair the original meter.

I also had to replace the filament voltage meter, but that was much easier since it is a simple single-range AC voltmeter with no dependence upon its precise coil resistance.

--
Mark J. Blair, NF6X <nf6x@...>
Web page: http://www.nf6x.net/

On Jun 7, 2013, at 17:13, Ken Schwieker <ksweek@...> wrote:

> Don,
> Have you disconnected it and checked to see if the winding is good
> with an ohmmeter? Sometimes difficult to do with an ammeter as some
> will have an internal shunt resistor. If winding is good it may be
> fixable. Is the meter openable? Actually all meters can be opened
> even hermetically sealed ones with varying degrees of difficulty :)
> . I successfully opened one using a pipe cutter some years back and
> used some strong metal tape to reassemble the case.
>
> Good luck,
> Ken S
>
>
>
>> **********
>> On Jun 6, 2013, at 4:02 PM, w9bhi wrote:
>>
>>>
>>> The excitation meter in my T-3 is permanently stuck on 50Ma.
>>> Anybody have an extra meter they would sell?
>>> I had a line on one but the ham that said he had one didn't,
>>> so I am asking again.
>>> Thanks,
>>>
>>> Don W9BHI
>>>
>>>
>>

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>> [Non-text portions of this message have been removed]
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>> -----
>> No virus found in this message.
>> Checked by AVG - www.avg.com
>> Version: 2013.0.3343 / Virus Database: 3199/6391 - Release Date: 06/07/13
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# 5611. Re: Need a excitation meter for my T-3

Yahoo group: T-368_BC-610
Date: 2013-06-08 14:39:33 UTC
From: w9bhi
Topic: 5568  Message: 5611

I opened up the meter and inspected it under a magnifier light.
I found what looked to be a metal splinter stuck to the magnet next to the moving coil.
I used a sewing needle to remove it.
After a minor adjustment to the front bearing, the meter is now fixed!
Thanks to all who replied with possible solutions to my dilemma.

Don W9BHI

--- In T-368_BC-610@yahoogroups.com, "Mark J. Blair" <nf6x@...> wrote:
>
> The faulty excitation meter in my T-368c didn't have an internal shunt resistor, and I was able to open it nondestructively. However, I judged that it had bearing problems beyond my skill to repair, so I found a similar-looking 15mA meter on eBay and modified the external shunts to compensate for the different coil resistance. That wasn't quite as hard as it might sound, since I included trimpots rather than trying to construct oddball shunt resistor values. I left the original shunt resistors in place but out of the circuit in case I ever get my hands on an exact replacement meter, or find some way to repair the original meter.
>
> I also had to replace the filament voltage meter, but that was much easier since it is a simple single-range AC voltmeter with no dependence upon its precise coil resistance.
>
> --
> Mark J. Blair, NF6X <nf6x@...>
> Web page: http://www.nf6x.net/
>
> On Jun 7, 2013, at 17:13, Ken Schwieker <ksweek@...> wrote:
>
> > Don,
> > Have you disconnected it and checked to see if the winding is good
> > with an ohmmeter? Sometimes difficult to do with an ammeter as some
> > will have an internal shunt resistor. If winding is good it may be
> > fixable. Is the meter openable? Actually all meters can be opened
> > even hermetically sealed ones with varying degrees of difficulty :)
> > . I successfully opened one using a pipe cutter some years back and
> > used some strong metal tape to reassemble the case.
> >
> > Good luck,
> > Ken S
> >
> >
> >
> >> **********
> >> On Jun 6, 2013, at 4:02 PM, w9bhi wrote:
> >>

> >>>
> >>> The excitation meter in my T-3 is permanently stuck on 50Ma.
> >>> Anybody have an extra meter they would sell?
> >>> I had a line on one but the ham that said he had one didn't,
> >>> so I am asking again.
> >>> Thanks,
> >>>
> >>> Don W9BHI
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> >> [Non-text portions of this message have been removed]
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# 5612. T-368 finally finished!

Yahoo group: T-368_BC-610
Date: 2013-06-11 13:22:31 UTC
From: w9bhi
Topic: 5612  Message: 5612

I swapped out the 4-125 modulator tubes with known good ones.
I found out one was very weak, maybe that's why I couldn't get more than
180 Ma. of swing on the modulator plate current meter.
I managed to find a NOS tube and now I can get an easy 250 ma.
Scope shows 100% mod no sweat.
Great signal and audio reports.
I'm very happy with "the beast".

Don W9BHI

# 5613. Re: [T-368_BC-610] T-368 finally finished!

Yahoo group: T-368_BC-610
Date: 2013-06-11 16:24:52 UTC
From: mac
Topic: 5612  Message: 5613

Enjoy!

Dennis D. W7QHO
Glendale, CA

**********
On Jun 11, 2013, at 6:22 AM, w9bhi wrote:

> I swapped out the 4-125 modulator tubes with known good ones.
> I found out one was very weak, maybe that's why I couldn't get more
> than
> 180 Ma. of swing on the modulator plate current meter.
> I managed to find a NOS tube and now I can get an easy 250 ma.
> Scope shows 100% mod no sweat.
> Great signal and audio reports.
> I'm very happy with "the beast".
>
> Don W9BHI
>
>

[Non-text portions of this message have been removed]

# 5614. FS: T-368's and Westinghouse MW-2

Yahoo group: T-368_BC-610
Date: 2013-06-18 22:49:45 UTC
From: john poulton
Topic: 5614  Message: 5614

Please forgive the duplicate posts (this went to "boatanchors" as well). Note that these are indeed
the last two T-368's from John Freeman's stash.. Thought it might be worth reposting to this list, since.. hey,
it's T-3's!

I have come into a large stash of interesting boatanchors, many of which need to find good new homes.

1. A Crosley T-368-C/URT transmitter, S/N 81. This rig is in nice shape, appears to have all of its tubes and other
parts, and is quite nice cosmetically. It also has the highly desirable cradle/dolly, a massive cast aluminum
item with heavy-duty casters. You can see pix of this rig, including a peek inside 2 of the drawers at:

http://www.jptronics.org/pix/t-368s/

Just run through the "crosley" pix. Asking $1200 for this rig. Previous owner says it came to him from
a depot, so it *should* be in good shape, but I have no idea what you might have to do to make it operational.
Assume you'll have to work on it.. always a safe assumption. Pickup near the Moore County Airport in
central North Carolina.

2. A Bendix T-368-E/URT, S/N 286 (I think). This rig is slightly less nice than the Crosley, but entirely
acceptable. It'll need a bit more cleaning, and at least one knob replaced. It has no dolly/cradle. I also
can't presently get into its drawers easily, so no internal photos yet. Pix at the same URL as for the Crosley,
but run through the "bendix" photos. More info on this one soon. Asking $1000, pickup same place as
Crosley. More info/pix on request.

These are about as nice T-368's as you're ever going to see in the 'wild', so take advantage!

3. A pair of Westinghouse MW-2 PA units (note, this is JUST the PA, no power supply, no modulator. I have yet
to take detailed photos of these things, but you can get some idea by perusing the photos at Nick England's
website:

http://www.virhistory.com/ham/freeman-01.htm

It's the 3rd row of photos. I suspect these units are missing some stuff, but I do have the PA tubes for them,
and they're loaded with interesting parts (vac variables, roller inductors, sockets, tubes, etc, etc).
Asking $200 for the pair, pickup in Chapel Hill, NC. They roll, and I'll help you load, of course.

The TBK you'll see in the same photos isn't available yet.. though if you're interested, feel free to get in
touch about it! Some of the WRA-3's may be negotiable as well.

73, John K4OZY

[Non-text portions of this message have been removed]

# 5615. Looking for Hallicrafters BC610E ID tag

Yahoo group: T-368_BC-610
Date: 2013-06-22 14:11:45 UTC
From: Mark Foltarz
Topic: 5615  Message: 5615

Group,

  I need the ID tag for a Hallicrafters BC610E.

  Pls advise if one is available.

TNX

de KA4JVY

Mark

[Non-text portions of this message have been removed]

# 5616. T368

Yahoo group: T-368_BC-610
Date: 2013-06-25 20:31:19 UTC
From: Dangerous Don
Topic: 1103  Message: 5616

I have a couple of buddies who are going to come over and work with me on this project. I bought a B&W T368C and when I plugged it in every thing came alive except the HV meter wasn't reading any thing. I've read several items where the interlock need to be cleaned and that might be the problem. Ok I thought I cleaned them good and that's why my buddies are coming over to help me out but neither one of them have had a T3 and I was wondering if I could get a few ideas from some of you guys as to what they might look for first. They have lots of experience in HV and they might well know to look for but I was hoping to give them a head start to what to check first .. I know this is a broad question to ask with so little given to you to start with but my fingers are crossed. I've been waiting for almost 7 months to get this on the air and I'm ready now the R390A is ready and so am I .. Thank you for any help that you can offer in advance ..

73 Don WC4D

# 5617. Re: [T-368_BC-610] T368

Yahoo group: T-368_BC-610
Date: 2013-06-25 21:16:16 UTC
From: mac
Topic: 1103  Message: 5617

OK, this one has come around before (March 15, 2013, check the archives). Modified radio, new owner who has no experience with the T-368, who by his own admission knows "very little" about reading schematics and who removed existing wiring from the plate meter and then forgot how to put it back in place. Anybody on the list near his QTH (see QRZ.com) who can go over and get the thing squared away before Don kills himself?

Dennis D. W7QHO
Glendale, CA

**********
On Jun 25, 2013, at 1:31 PM, Dangerous Don wrote:

> I have a couple of buddies who are going to come over and work with
> me on this project. I bought a B&W T368C and when I plugged it in
> every thing came alive except the HV meter wasn't reading any thing.
> I've read several items where the interlock need to be cleaned and
> that might be the problem. Ok I thought I cleaned them good and
> that's why my buddies are coming over to help me out but neither one
> of them have had a T3 and I was wondering if I could get a few ideas
> from some of you guys as to what they might look for first. They
> have lots of experience in HV and they might well know to look for
> but I was hoping to give them a head start to what to check first ..
> I know this is a broad question to ask with so little given to you
> to start with but my fingers are crossed. I've been waiting for
> almost 7 months to get this on the air and I'm ready now the R390A
> is ready and so am I .. Thank you for any help that you can offer in
> advance ..
>
> 73 Don WC4D
>
>

[Non-text portions of this message have been removed]

# 5618. Re: [T-368_BC-610] T368

Yahoo group: T-368_BC-610
Date: 2013-06-25 22:15:53 UTC
From: Joe Foley
Topic: 1103  Message: 5618

Get a manual, read it.

Read the "files" section of this list.

Clean all of the decks while looking for problems and burn marks.

Especially read the section on Interlocks, check each wire carefully.

Check the HV wiring on the power supply deck carefully for cracks.

Ask more questions,

Joe

--- On Tue, 6/25/13, Dangerous Don <wc4don@...> wrote:

From: Dangerous Don <wc4don@...>
Subject: [T-368_BC-610] T368
To: T-368_BC-610@yahoogroups.com
Date: Tuesday, June 25, 2013, 4:31 PM

I have a couple of buddies who are going to come over and work with me on this project. I bought a B&W T368C and when I plugged it in every thing came alive except the HV meter wasn't reading any thing. I've read several items where the interlock need to be cleaned and that might be the problem. Ok I thought I cleaned them good and that's why my buddies are coming over to help me out but neither one of them have had a T3 and I was wondering if I could get a few ideas from some of you guys as to what they might look for first. They have lots of experience in HV and they might well know to look for but I was hoping to give them a head start to what to check first .. I know this is a broad question to ask with so little given to you to start with but my fingers are crossed. I've been waiting for almost 7 months to get this on the air and I'm ready now the R390A is ready and so am I .. Thank you for any help that you can offer in advance ..

73 Don WC4D

[Non-text portions of this message have been removed]

# 5619. Re: Looking for Hallicrafters BC610E ID tag

Yahoo group: T-368_BC-610
Date: 2013-06-26 05:51:28 UTC
From: Roger Basford
Topic: 5615  Message: 5619

Hi Mark,

They do turn up occasionally on eBay, I bought my plate there along with a few circuit breakers and relays in a job lot. I have a BC-601-E model but it had been incorrectly labelled as a -D, I still have the -D plate somewhere. Another possible source; I have seen European eBay seller(s) offering replica plates for various radios and I think other military hardware, might be worth a search in the Militaria section and then ask if they'll make you a one-off?

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, Mark Foltarz <Foltarz@...> wrote:
>
>
>
>
> Group,
>
>  I need the ID tag for a Hallicrafters BC610E.
>
>  Pls advise if one is available.
>
> TNX
>
> de KA4JVY
>
> Mark
>
>
> [Non-text portions of this message have been removed]
>

# 5620. Re: T368

Yahoo group: T-368_BC-610
Date: 2013-06-26 15:02:20 UTC
From: w9bhi
Topic: 1103  Message: 5620

Check to make sure the safety interconnects on the rear of the decks are clean and that the decks are completely seated in the cabinet.
Check the 3B28's to see if you have an open filament.
There is a time delay tube on the power supply deck that enables the plate relay after about 45 seconds.
If it is not functioning there will be no HV.
Also you may have a fried plate relay, these things take a beating.
I have had my power supply deck on the bench for troubleshooting puposes.
Look in the files section of this site for information on how to hook it up if you want to go that route.
BE REAL CAREFULL not to touch anything while the deck is powered.
If the plate supply comes on, there will be about 3800 volts at 500Ma
on the HV output terminal.
Saftey is the most important step here!
Keep us posted on your results.

Don W9BHI

--- In T-368_BC-610@yahoogroups.com, "Dangerous Don" <wc4don@...> wrote:
>
> I have a couple of buddies who are going to come over and work with me on this project. I bought a B&W T368C and when I plugged it in every thing came alive except the HV meter wasn't reading any thing. I've read several items where the interlock need to be cleaned and that might be the problem. Ok I thought I cleaned them good and that's why my buddies are coming over to help me out but neither one of them have had a T3 and I was wondering if I could get a few ideas from some of you guys as to what they might look for first. They have lots of experience in HV and they might well know to look for but I was hoping to give them a head start to what to check first .. I know this is a broad question to ask with so little given to you to start with but my fingers are crossed. I've been waiting for almost 7 months to get this on the air and I'm ready now the R390A is ready and so am I .. Thank you for any help that you can offer in advance ..
>
>
> 73 Don WC4D
>

# 5621. RE: [T-368_BC-610] T368

Yahoo group: T-368_BC-610
Date: 2013-06-26 15:08:09 UTC
From: Steve Gajkowski
Topic: 1103  Message: 5621

What high voltage Meter? Meaning an external meter??

Common failure points are the ceramic insulators use on the back of each deck to make HV contact. Clean them very inside and out. I;m in process of also replacing the high voltage wiring between and in each deck as some of the wires show circular cracking.. Also check the relay on the modulator deck as it shorts the mod transformer when in CW mode.. Make sure relays are lining up and clean.

Steve, kd3ht

---

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Dangerous Don
Sent: Tuesday, June 25, 2013 4:31 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] T368

I have a couple of buddies who are going to come over and work with me on this project. I bought a B&W T368C and when I plugged it in every thing came alive except the HV meter wasn't reading any thing. I've read several items where the interlock need to be cleaned and that might be the problem. Ok I thought I cleaned them good and that's why my buddies are coming over to help me out but neither one of them have had a T3 and I was wondering if I could get a few ideas from some of you guys as to what they might look for first. They have lots of experience in HV and they might well know to look for but I was hoping to give them a head start to what to check first .. I know this is a broad question to ask with so little given to you to start with but my fingers are crossed. I've been waiting for almost 7 months to get this on the air and I'm ready now the R390A is ready and so am I .. Thank you for any help that you can offer in advance ..

73 Don WC4D

[Non-text portions of this message have been removed]

# 5622. PA Whatsit?

Yahoo group: T-368_BC-610
Date: 2013-06-28 18:50:12 UTC
From: Mark J. Blair
Topic: 5622  Message: 5622

This transmitter drawer appeared on eBay:

http://www.ebay.com/itm/130937467332

Do any of y'all recognize it? General construction is very similar to a T-368 drawer. It looks like an HF PA, requiring an external power supply and exciter.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 5623. Re: [T-368_BC-610] PA Whatsit?

Yahoo group: T-368_BC-610
Date: 2013-06-28 23:13:12 UTC
From: rbethman
Topic: 5622  Message: 5623

Absolutely do not recognize it at all.

It does have the appearance of a Military RF Deck. It uses one BIG finned Power Tube!

It "may" be a Harris PA. [?]

Bob - N0DGN

On 6/28/2013 2:50 PM, Mark J. Blair wrote:
>
> This transmitter drawer appeared on eBay:
>
> http://www.ebay.com/itm/130937467332
>
> Do any of y'all recognize it? General construction is very similar to
> a T-368 drawer. It looks like an HF PA, requiring an external power
> supply and exciter.
>
> --
> Mark J. Blair, NF6X <nf6x@... <mailto:nf6x%40nf6x.net>>
> http://www.nf6x.net/
>

[Non-text portions of this message have been removed]

# 5624. Re: [T-368_BC-610] PA Whatsit?

Yahoo group: T-368_BC-610
Date: 2013-06-29 02:06:33 UTC
From: Mark Donaldson
Topic: 5622  Message: 5624

It's an RF deck from a T-946, an SSB conversion of a T-368, Google it.

WA1QHQ

---

From: rbethman <rbethman@...t>
To: T-368_BC-610@yahoogroups.com
Sent: Friday, June 28, 2013 7:13 PM
Subject: Re: [T-368_BC-610] PA Whatsit?

Absolutely do not recognize it at all.

It does have the appearance of a Military RF Deck. It uses one BIG
finned Power Tube!

It "may" be a Harris PA. [?]

Bob - N0DGN

On 6/28/2013 2:50 PM, Mark J. Blair wrote:
>
> This transmitter drawer appeared on eBay:
>
> http://www.ebay.com/itm/130937467332
>
> Do any of y'all recognize it? General construction is very similar to
> a T-368 drawer. It looks like an HF PA, requiring an external power
> supply and exciter.
>
> --
> Mark J. Blair, NF6X <nf6x@... <mailto:nf6x%40nf6x.net>>
> http://www.nf6x.net/
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5625. Re: [T-368_BC-610] PA Whatsit?

Yahoo group: T-368_BC-610
Date: 2013-06-29 18:45:19 UTC
From: wa5cab@...
Topic: 5622  Message: 5625

T-946/GRC-129. But I haven't been able to locate any paper on any of the components.

In a message dated 06/29/2013 13:13:37 PM Central Daylight Time, wa1qhq@... writes:
> t's an RF deck from a T-946, an SSB conversion of a T-368, Google it.
>
> WA1QHQ
>
>
> _____
> From: rbethman <rbethman@...>
> To: T-368_BC-610@yahoogroups.com
> Sent: Friday, June 28, 2013 7:13 PM
> Subject: Re: [T-368_BC-610] PA Whatsit?
>
>
>
>
> Absolutely do not recognize it at all.
>
> It does have the appearance of a Military RF Deck. It uses one BIG
> finned Power Tube!
>
> It "may" be a Harris PA. [?]
>
> Bob - N0DGN
>
> On 6/28/2013 2:50 PM, Mark J. Blair wrote:
> >
> >This transmitter drawer appeared on eBay:
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> >Do any of y'all recognize it? General construction is very similar to
> >a T-368 drawer. It looks like an HF PA, requiring an external power
> >supply and exciter.
> >
> >--
> >Mark J. Blair, NF6X <nf6x@... <mailto:nf6x%40nf6x.net>>
> >http://www.nf6x.net/
> >
>
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 5626. Welcome a new Member

Yahoo group: T-368_BC-610
Date: 2013-06-30 17:29:33 UTC
From: rbethman
Topic: 5626  Message: 5626

Ed Heimbach, AB3HT, is now a member of the group.

He has recently acquired a T-368 and would like the access to the group knowledge and expertise.

I'm sure all will do their best to help him along as is the groups normal operation.

Bob - N0DGN

# 5627. t3 exciter

Yahoo group: T-368_BC-610
Date: 2013-06-30 17:50:10 UTC
From: ohnoherewegoagain
Topic: 5627  Message: 5627

Hello, I am getting t-368 shortly, it is missing the exciter, and the big vac cap in the rf deck, I would appreciate any help I can get with this endeavor.
Many thanks, Ed AB3HT

# 5628. hurrah for me, I have a t3!

Yahoo group: T-368_BC-610
Date: 2013-07-08 21:45:51 UTC
From: ab3ht
Topic: 5628  Message: 5628

Hottest day of the year (so far) found me on the Garden State Parkway with a new-to-me t3 in the back of the pickup. Almost 3 hours later I'm home, hot, and happy. (though not happy about being hot, truck should have been ordered with A/C)
Unit is in OK shape, needs a few items, but it is nice.

I'd like to enlist some help, these are the items I can see missing.

1) C9, (the bigger of the two vac caps).

2) J8 (the chassis socket that accepts p101, the 15 pin amphenol plug from the exciter) If any one has a parts chassis, could you leave about 2-3 inches of wire on the j8 socket? (it would be easier to match the all the wires by color and tracer). Somebody needed this socket, probably to use the exciter in some other rig.

3) T10,I don't know what this transformer does, it is not listed on the schematic I have. But there is a hole in the chassis with "T10" next to it, and a few loose wires under the hole.

4) A schematic for the "B" variant, the book I have is for the base model.
Many thanks, Ed, AB3HT

# 5629. It's alive

Yahoo group: T-368_BC-610
Date: 2013-07-18 03:16:32 UTC
From: Dangerous Don
Topic: 5629  Message: 5629

Well with almost 7 months passing by, my T368C in alive and well. I got some help from some good friend who didn't want to see me fry myself so they came over and jumped in and help me get my rig running right. All of this could of been helped if someone who sold me the transmitter told me to put a plug in the back with a jumper in it. And I learned a lesson don't ever take wires off a meter if you can't remember how they go back. I'll be taking pictures of all future events before it happens any more. I could of saved myself a lot of trouble if I just would of remembered a few things. But all is good and I'm still alive and soon to be on the air, as soon as I figure out about a few more things I have to look up and see how they work along with the T3,R390A,Me 165/G and the TN 339... thank you to all who sent in ideas when I didn't have a clue as to what was wrong.. some times the simple things just knock you out.

73 Don WC4D

# 5630. Can you ID this picture

Yahoo group: T-368_BC-610
Date: 2013-07-18 03:27:19 UTC
From: Dangerous Don
Topic: 5630  Message: 5630

http://i.ebayimg.com/t/Ham-Radio-Transmitter-Transceiver-/00/s/NTc4WDQ1OQ==/z/9yAAAOxyY3ZR0JV7/$(KGrHqF,!ocFG6JtsySfBR0JV7iuy!~~60_3.JPG

I don't know how to post pictures on here but this is a link to my picture .. have you ever bought something but had no idea what it was? Well I did and I can send or post more pictures if it would help ID this thing..

73 Don WC4D

# 5631. Re: [T-368_BC-610] It's alive

Yahoo group: T-368_BC-610
Date: 2013-07-18 05:27:48 UTC
From: mac
Topic: 5629  Message: 5631

Don,

Congrats, and you're not the first guy to be flummoxed by that jumper socket on the back of the radio. The ME-165 is a very neat little box, you can use it with your other rigs too. Ditch the TN-339, though, only good for loading up whips or short wire antennas. The T-368 works FB into your usual 50 - 75 ohm loads all by itself.

Dennis D. W7QHO
Glendale, CA

**********
On Jul 17, 2013, at 8:16 PM, Dangerous Don wrote:

> Well with almost 7 months passing by, my T368C in alive and well. I
> got some help from some good friend who didn't want to see me fry
> myself so they came over and jumped in and help me get my rig
> running right. All of this could of been helped if someone who sold
> me the transmitter told me to put a plug in the back with a jumper
> in it. And I learned a lesson don't ever take wires off a meter if
> you can't remember how they go back. I'll be taking pictures of all
> future events before it happens any more. I could of saved myself a
> lot of trouble if I just would of remembered a few things. But all
> is good and I'm still alive and soon to be on the air, as soon as I
> figure out about a few more things I have to look up and see how
> they work along with the T3,R390A,Me 165/G and the TN 339... thank
> you to all who sent in ideas when I didn't have a clue as to what
> was wrong.. some times the simple things just knock you out.
>
> 73 Don WC4D
>
> .
>
>

[Non-text portions of this message have been removed]

# 5632. Re: [T-368_BC-610] It's alive

Yahoo group: T-368_BC-610
Date: 2013-07-18 06:16:53 UTC
From: wa5cab@...
Topic: 5629  Message: 5632

Don't ditch it. Just don't try to use it on a long wire, Windom, Rhombic or doublet.

In a message dated 07/18/2013 00:27:55 AM Central Daylight Time, w7qho@... writes:

> Don,
>
> Congrats, and you're not the first guy to be flummoxed by that jumper
> socket on the back of the radio. The ME-165 is a very neat little box,
> you can use it with your other rigs too. Ditch the TN-339, though,
> only good for loading up whips or short wire antennas. The T-368
> works FB into your usual 50 - 75 ohm loads all by itself.
>
> Dennis D. W7QHO
> Glendale, CA
>
> **********
> On Jul 17, 2013, at 8:16 PM, Dangerous Don wrote:
>
> >Well with almost 7 months passing by, my T368C in alive and well. I
> >got some help from some good friend who didn't want to see me fry
> >myself so they came over and jumped in and help me get my rig
> >running right. All of this could of been helped if someone who sold
> >me the transmitter told me to put a plug in the back with a jumper
> >in it. And I learned a lesson don't ever take wires off a meter if
> >you can't remember how they go back. I'll be taking pictures of all
> >future events before it happens any more. I could of saved myself a
> >lot of trouble if I just would of remembered a few things. But all
> >is good and I'm still alive and soon to be on the air, as soon as I
> >figure out about a few more things I have to look up and see how
> >they work along with the T3,R390A,Me 165/G and the TN 339... thank
> >you to all who sent in ideas when I didn't have a clue as to what
> >was wrong.. some times the simple things just knock you out.
> >
> >73 Don WC4D

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 5633. Re: [T-368_BC-610] It's alive

Yahoo group: T-368_BC-610
Date: 2013-07-18 14:23:17 UTC
From: rbethman
Topic: 5629  Message: 5633

I'll second the comment by Robert Downs!

Don't pitch the TN-339!

It is the brother to the BC-939 that is used with the BC-610.

Both were *mainly* used for short whip antennas.

What the TMs call "long wires" definitely are not.

However, you can run a single piece of wire to the length specified in the manual. The advantage? It makes it a whole lot easier to get on 160 using it. It uses a lot shorter wire.

Not everyone has the space to string a dipole for 160. The property I'm on is a pain to even put up an 80 meter dipole.

Disregard the name "Antenna Tuner". It isn't one. It is a coupler, just like the BC-939. It takes 50 ohm input, and couples to the shorter lengths at a MUCH lower impedance. WB2FCN has measured the output impedance at about 300 ohms.

Bob - N0DGN

On 7/17/2013 11:16 PM, Dangerous Don wrote:
>
> Well with almost 7 months passing by, my T368C in alive and well. I
> got some help from some good friend who didn't want to see me fry
> myself so they came over and jumped in and help me get my rig running
> right. All of this could of been helped if someone who sold me the
> transmitter told me to put a plug in the back with a jumper in it. And
> I learned a lesson don't ever take wires off a meter if you can't
> remember how they go back. I'll be taking pictures of all future
> events before it happens any more. I could of saved myself a lot of
> trouble if I just would of remembered a few things. But all is good
> and I'm still alive and soon to be on the air, as soon as I figure out
> about a few more things I have to look up and see how they work along
> with the T3,R390A,Me 165/G and the TN 339... thank you to all who sent
> in ideas when I didn't have a clue as to what was wrong.. some times
> the simple things just knock you out.
>
> 73 Don WC4D
>

[Non-text portions of this message have been removed]

# 5634. WTB - BC-610

Yahoo group: T-368_BC-610
Date: 2013-07-29 18:48:01 UTC
From: pharr.dennis
Topic: 5634  Message: 5634

Want To Buy BC-610 hopefully within 500 miles of Oklahoma City, OK. I'm looking for an E model, but would consider any other model. I would prefer a complete unit, but would look at any unit as long as the major components are included. I wouldn't mind if the tubes, tuning units and/or the coils are missing. Also, wouldn't mind cleaning and/or repainting if needed.

Unfortunately, my budget doesn't allow for shipping a unit long distances, but I can pick up the unit if I can find one within 500 miles - basically Oklahoma, Arkansas, Texas, New Mexico, Kansas & etc.

I am already aware of the available units currently for sale, but none of them are physically close enough to make the purchase and shipping cost affordable for my budget. If anyone is aware of a unit for sale in this area of the country, I would appreciate a heads-up.

73
Dennis
WD5JWY

# 5635. Re: [T-368_BC-610] WTB - BC-610

Yahoo group: T-368_BC-610
Date: 2013-07-29 20:39:04 UTC
From: Geoff Edmonson
Topic: 5634  Message: 5635

There's one in the Dallas area. They call him "Win"... name is Jum. W5WN

"pharr.dennis" <wd5jwy@gmail.com> wrote:

>Want To Buy BC-610 hopefully within 500 miles of Oklahoma City, OK. I'm looking for an E model, but would consider any other model. I would prefer a complete unit, but would look at any unit as long as the major components are included. I wouldn't mind if the tubes, tuning units and/or the coils are missing. Also, wouldn't mind cleaning and/or repainting if needed.
>
>Unfortunately, my budget doesn't allow for shipping a unit long distances, but I can pick up the unit if I can find one within 500 miles - basically Oklahoma, Arkansas, Texas, New Mexico, Kansas & etc.
>
>I am already aware of the available units currently for sale, but none of them are physically close enough to make the purchase and shipping cost affordable for my budget. If anyone is aware of a unit for sale in this area of the country, I would appreciate a heads-up.
>
>73
>Dennis
>WD5JWY
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>Yahoo! Groups Links
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# 5636. RE: [T-368_BC-610] WTB - BC-610

Yahoo group: T-368_BC-610
Date: 2013-07-29 21:13:16 UTC
From: Dennis Pharr
Topic: 5634  Message: 5636

Thanks Geoff. Yes, I spoke to Jim W5WN. He indicated that he really hadn’t decided to sell quite yet. So, that one is apparently not available.

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Geoff Edmonson
Sent: Monday, July 29, 2013 3:39 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] WTB - BC-610

There's one in the Dallas area. They call him "Win"... name is Jum. W5WN

"pharr.dennis" <wd5jwy@... <mailto:wd5jwy%40gmail.com> > wrote:

>Want To Buy BC-610 hopefully within 500 miles of Oklahoma City, OK. I'm looking for an E model, but would consider any other model. I would prefer a complete unit, but would look at any unit as long as the major components are included. I wouldn't mind if the tubes, tuning units and/or the coils are missing. Also, wouldn't mind cleaning and/or repainting if needed.
>
>Unfortunately, my budget doesn't allow for shipping a unit long distances, but I can pick up the unit if I can find one within 500 miles - basically Oklahoma, Arkansas, Texas, New Mexico, Kansas & etc.
>
>I am already aware of the available units currently for sale, but none of them are physically close enough to make the purchase and shipping cost affordable for my budget. If anyone is aware of a unit for sale in this area of the country, I would appreciate a heads-up.
>
>73
>Dennis
>WD5JWY
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>Yahoo! Groups Links
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[Non-text portions of this message have been removed]

# 5637. BC-610 for sale in Greensboro, NC

Yahoo group: T-368_BC-610
Date: 2013-07-30 02:31:39 UTC
From: Tom Bridgers
Topic: 5634  Message: 5637

Hi Dennis,
I have a BC-610 that I'd like to sell. However I am
located in Greensboro, NC. Would you consider
one that far away? I'd be willing to make you a
very good deal.
Best,
-Tom KE4RHH

To: T-368_BC-610@yahoogroups.com
From: wd5jwy@...
Date: Mon, 29 Jul 2013 16:13:16 -0500
Subject: RE: [T-368_BC-610] WTB - BC-610

Thanks Geoff. Yes, I spoke to Jim W5WN. He indicated that he really hadn?t decided to sell quite yet. So, that one is apparently not available.

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Geoff Edmonson

Sent: Monday, July 29, 2013 3:39 PM

To: T-368_BC-610@yahoogroups.com

Subject: Re: [T-368_BC-610] WTB - BC-610

There's one in the Dallas area. They call him "Win"... name is Jum. W5WN

"pharr.dennis" <wd5jwy@... <mailto:wd5jwy%40gmail.com> > wrote:

>Want To Buy BC-610 hopefully within 500 miles of Oklahoma City, OK. I'm looking for an E model, but would consider any other model. I would prefer a complete unit, but would look at any unit as long as the major components are included. I wouldn't mind if the tubes, tuning units and/or the coils are missing. Also, wouldn't mind cleaning and/or repainting if needed.

>

>Unfortunately, my budget doesn't allow for shipping a unit long distances, but I can pick up the unit if I can find one within 500 miles - basically Oklahoma, Arkansas, Texas, New Mexico, Kansas & etc.

>

>I am already aware of the available units currently for sale, but none of them are physically close enough to make the purchase and shipping cost affordable for my budget. If anyone is aware of a unit for sale in this area of the country, I would appreciate a heads-up.

>

>73

>Dennis

>WD5JWY

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>Yahoo! Groups Links

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 5638. Re: [T-368_BC-610] BC-610 for sale in Greensboro, NC

Yahoo group: T-368_BC-610
Date: 2013-07-30 14:08:48 UTC
From: Dick Pettit
Topic: 5634  Message: 5638

If the first guy doesn't want to travel that far, let me know what a "good deal" is.

Is it fully operational?

On which bands?

How many oscillator modules?

Photos?

I live in Durham

--

Dick Pettit WA2ROB
Design Lab Manager
Texas Instruments Cary
1000 CentreGreen Way
Suite 100
Cary, NC 27513
(919) 859-7704

"Marriage is natures way of keeping us from fighting with strangers." Alan King

# 5639. RE: [T-368_BC-610] BC-610 for sale in Greensboro, NC

Yahoo group: T-368_BC-610
Date: 2013-07-30 20:03:53 UTC
From: Tom Bridgers
Topic: 5634  Message: 5639

Hi Dick,

I'll get together some photo's of it, along with the answers to your questions.

I bought it from JP Poulton in Chapel Hill, who is very active in BA type equipment. I had great plans to get it running, but I've been hit with a variety of challenges. The latest of which is my wife had major surgery and she'll be getting physical and occupational rehad for quite a while. Net, net of that is she needs help from me 24/7. Not much time to get the BC-610 going.

A quick summary. It's a Bogen, and IIRC it is a model I. I have all the tubes, all standard oscillator modules, and RF coils for 80 through 20. It comes with a manual.

Previous owner pulled the two HV caps, and I have replacement caps that will need to be installed. Therefore I have not had the BC-610 on the air, but I was assured by JP that it would work just fine when the caps were installed.

Price? I'd like to get $550.

I also have the separate audio deck, which is an additional $150.

Also have the antenna tuner, which is an additional $ 125. However you don't really need it to get the rig on the air -- assuming you're feeding it into a 50 ohm load.

If you'd like to stop by Greensboro and take a look at it, I'd be pleased to show it to you. I'm retired I'm very flexible on times, etc.

If you stop by, I also have a lot of R-390A's that need a new home. I'd also be willing to negotiate on one or more of those.

Best,

-Tom KE4RHH

To: T-368_BC-610@yahoogroups.com
From: pettit@...
Date: Tue, 30 Jul 2013 10:08:48 -0400

Subject: Re: [T-368_BC-610] BC-610 for sale in Greensboro, NC

If the first guy doesn't want to travel that far, let me know what a
"good deal" is.

Is it fully operational?

On which bands?

How many oscillator modules?

Photos?

I live in Durham

--

Dick Pettit WA2ROB
Design Lab Manager
Texas Instruments Cary
1000 CentreGreen Way
Suite 100
Cary, NC 27513
(919) 859-7704

"Marriage is natures way of keeping us from fighting with strangers." Alan King

[Non-text portions of this message have been removed]

# 5640. t3 parts still needed

Yahoo group: T-368_BC-610
Date: 2013-08-11 11:46:35 UTC
From: ab3ht
Topic: 5640  Message: 5640

Hello, I'm still in need of the 15 pin connector socket, "J8" on the rf deck, look in your junk boxes.
Also, previous owner removed the blower fan for the 4-400 tube, if one is available, I'll take it. Thanks, Ed AB3HT

# 5641. protective relay k10

Yahoo group: T-368_BC-610
Date: 2013-08-18 02:31:46 UTC
From: ab3ht
Topic: 5641  Message: 5641

Anybody know anything about protective relay 'k 10'?
mine is missing in my t-368.
source?, part number?, effective work-around?
73 Ed

# 5642. Re: [T-368_BC-610] protective relay k10

Yahoo group: T-368_BC-610
Date: 2013-08-18 03:03:51 UTC
From: mac
Topic: 5641  Message: 5642

"Plate" type SPDT relay, 9000 ohm coil in the A model, 10K in B & C.
Plenty of room under that chassis so a broad range of replacement
relays of the correct (or close) coil resistance would work. Part of
a circuit that protects the 6000 RF driver tube in case of excitation
failure.

Dennis D. W7QHO
Glendale, CA

***************
On Aug 17, 2013, at 7:31 PM, ab3ht wrote:

> Anybody know anything about protective relay 'k 10'?
> mine is missing in my t-368.
> source?, part number?, effective work-around?
> 73 Ed
>
>

[Non-text portions of this message have been removed]

# 5643. Re: [T-368_BC-610] protective relay k10

Yahoo group: T-368_BC-610
Date: 2013-08-19 22:42:26 UTC
From: mac
Topic: 5641  Message: 5643

Ed,

On second thought, which T-368 model do you have? The first or "Basic" model did not include a driver tube protective circuit and therefore didn't have the K-10 relay. Look at the nameplate on the front of your RF (top) drawer. If it says "Transmitter T-368/URT" with no letter suffix (i.e., T-368A, T-368B, etc) you have the Basic model and therefore no K-10 to worry about. I have a Basic which I have been using for 15 years now with no driver tube problems.

Dennis D. W7QHO
Glendale, CA

**********
On Aug 17, 2013, at 8:03 PM, mac wrote:

> "Plate" type SPDT relay, 9000 ohm coil in the A model, 10K in B & C.
> Plenty of room under that chassis so a broad range of replacement
> relays of the correct (or close) coil resistance would work. Part
> of a circuit that protects the 6000 RF driver tube in case of
> excitation failure.
>
> Dennis D. W7QHO
> Glendale, CA
>
> **********
>
> On Aug 17, 2013, at 7:31 PM, ab3ht wrote:
>
>> Anybody know anything about protective relay 'k 10'?
>> mine is missing in my t-368.
>> source?, part number?, effective work-around?
>> 73 Ed
>>
>>
>

[Non-text portions of this message have been removed]

# 5644. Re: [T-368_BC-610] Re: Agricultural (sic)/Structural Concerns

Yahoo group: T-368_BC-610
Date: 2013-09-09 02:55:26 UTC
From: Gary Pewitt
Topic: 5554  Message: 5644

Just put down a sheet of 3/4" plywood and place the TX on that. It will spread the weight over 32 sq feet. Any floor that won't hold that should be condemned.

On 5/10/2013 12:29 PM, KA4KOE wrote:
>
> Not gonna work. The footprint for the transmitter is 6.9 square feet.
> At 650 pounds, that works out to 95 pounds/SF. An Architect here tells
> me not to load up an upper bonus room floor to over 40 lbs/SF, with 2
> x 12 joists spaced per code.
>
> Moot point.
>
> --- In T-368_BC-610@yahoogroups.com
> <mailto:T-368_BC-610%40yahoogroups.com>, mac <w7qho@...> wrote:
> >
> > Think you're OK here. If worse comes to worse the Porsche should
> > provide more than sufficient cushion to preserve the radio. :^)
> >
> > Dennis D. W7QHO
> > Glendale, CA
> >
> > Reality is the leading cause of stress among those in touch with it.
> >
> > **********
> >
> > On May 10, 2013, at 9:52 AM, KA4KOE wrote:
> >
> > > I am seriously considering acquiring a T-368. However, my earlier
> > > posts state that my shack is located in an upstairs bonus room over
> > > our garage. The floor joists are 2 x 6's spaced per code. I an jest
> > > a humble 'lecktickle injuneer, so I'z noze nuttin' 'bout boards 'n
> > > joists.
> > >
> > > Question:
> > >
> > > If one installs a T-368 on 4 casters, any idea if this monster will
> > > crunch thru the floor and plummet smack dab on top of Sheri's
> > > (K4SMN) Porsche Carrera?
> > >
> > > If that happens, then the least of my worries will be the damage.
> > > Sheri is a country girl brought up in South Central Georgia who
> > > knows how to handle a firearm with deadly accuracy.
> > >
> > > Get my drift?

> > >
> > > tnx
> > >
> > > Philip
> > >
> > >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>

--
Gary Pewitt N9ZSV
1500 French Prairie Rd
Booneville, AR 72927

# 5645. SCR-299/399/499 Typewriter

Yahoo group: T-368_BC-610
Date: 2013-09-12 01:33:36 UTC
From: mac
Topic: 5645  Message: 5645

Listed in the relevant manuals only as "Typewriter, portable, with telegrapher's keyboard, including case." No manufacturer, model, etc. listed. Anyone ever seen one of these and/or know more? Have heard surviving examples are rare.

Dennis D. W7QHO
Glendale, CA

# 5646. Re: [ARC5] SCR-299/399/499 Typewriter

Yahoo group: T-368_BC-610
Date: 2013-09-12 02:58:52 UTC
From: mac
Topic: 5646  Message: 5646

Sandy,

Thanks for the response but this was not for sending or receiving characters electrically, rather used by the operator to transcribe the CW characters coming in on his headset. Pretty much a standard portable mechanical typewriter of the period but printed out upper case letters only along with certain other special characters. Similar, full size machines widely used by on ships and fixed-plant communications sites during WW2.

Dennis

**********

On Sep 11, 2013, at 7:35 PM, Sandy B wrote:

> My guess would be the Teletype Corporation model 15. That is a
> standard page printer. If it had a reperforator typewriter as well,
> that would probablybe a Teletype model 14.
>
> 73
> Sandy W5TVW
>
>
>
> mac wrote:
>
>
> >Listed in the relevant manuals only as "Typewriter, portable, with
> >telegrapher's keyboard, including case." No manufacturer, model,
> >etc. listed. Anyone ever seen one of these and/or know more? Have
> >heard surviving examples are rare. > >Dennis D. W7QHO >Glendale, CA
> > > > >
> >_____
> >ARC5 mailing list >Home: http://mailman.qth.net/mailman/listinfo/
> arc5 >Help: http://mailman.qth.net/mmfaq.htm >Post: mailto:ARC5@...
> > >This list hosted by: http://www.qsl.net >Please help support
> this email list: http://www.qsl.net/donate.html

# 5647. Re: [T-368_BC-610] Re: [ARC5] SCR-299/399/499 Typewriter

Yahoo group: T-368_BC-610
Date: 2013-09-12 22:20:07 UTC
From: commtekman@...
Topic: 5646  Message: 5647

I was reading this topic and thought I might add a little, the typewriter
you are referring to is called a
"mill" and I have several myself. Fifty three years ago I used a mill to
copy high speed Morse code
intercept while stationed in Germany-

73 Bob
K6OSM
DL5IW 1960-1963

In a message dated 9/12/2013 2:08:42 P.M. Pacific Daylight Time,
w7qho@... writes:

Sandy,

Thanks for the response but this was not for sending or receiving
characters electrically, rather used by the operator to transcribe the CW
characters coming in on his headset. Pretty much a standard portable mechanical
typewriter of the period but printed out upper case letters only along with
certain other special characters. Similar, full size machines widely used by
on ships and fixed-plant communications sites during WW2.

Dennis

**********

On Sep 11, 2013, at 7:35 PM, Sandy B wrote:

My g uess would be the Teletype Corporation model 15. That is a standard
page printer. If it had a reperforator typewriter as well, that would
probablybe a Teletype model 14.

73
Sandy W5TVW

mac <W7QHO

>Listed in the relevant manuals only as "Typewriter, portable, with
>telegrapher's keyboard, including case." No manufacturer, model, >etc. listed.
Anyone ever seen one of these and/or know more? Have >heard surviving
examples are rare. > >Dennis D. W7QHO >Glendale, CA > > >
>_____ >ARC5 mailing list >Home:
http://mailman.qth.net/mailman/listinfo/arc5 >Help:
_http://mailman.qth.net/mmfaq.htm_ (http://%20mailman.qth.net/mmfaq.htm) >Post:
mailto:ARC5@mailman.qth.net > >This list hosted by: _http://www.qsl.net_
(http://www.qsl.net/)
>Please help support this email list: http://www.qsl.net/donate.html

# 5648. Re: [T-368_BC-610] Re: [ARC5] SCR-299/399/499 Typewriter

Yahoo group: T-368_BC-610
Date: 2013-09-12 23:58:28 UTC
From: mac
Topic: 5646  Message: 5648

Bob,

Yes, I was aware of the commonly used term. You say you have several,
any of them the specific potable machine described in my initial post?

Dennis D., W7QHO (ex. DA1IN, G5BSW)

**********

On Sep 12, 2013, at 3:20 PM, commtekman@... wrote:

> I was reading this topic and thought I might add a little, the
> typewriter you are referring to is called a
> "mill" and I have several myself. Fifty three years ago I used a
> mill to copy high speed Morse code
> intercept while stationed in Germany-
>
> 73 Bob
> K6OSM
> DL5IW 1960-1963
>

# 5649. Re: [T-368_BC-610] Re: [ARC5] SCR-299/399/499 Typewriter

Yahoo group: T-368_BC-610
Date: 2013-09-13 08:58:51 UTC
From: James M. Walker
Topic: 5646  Message: 5649

Howdy Bob,

I was DL4AX, in Germany, back when, Stationed at Bad Toltz, when I wasn't "Globe-trotting"! Still have the two BC-610s I used then, and the R390As'

Jim WB2FCN

----- Original Message -----
From: commtekman@aol.com
To: T-368_BC-610@yahoogroups.com ; ebjr37@...
Cc: milsurplus@... ; arc5@...
Sent: Thursday, September 12, 2013 6:20 PM
Subject: Re: [T-368_BC-610] Re: [ARC5] SCR-299/399/499 Typewriter

I was reading this topic and thought I might add a little, the typewriter you are referring to is called a
"mill" and I have several myself. Fifty three years ago I used a mill to copy high speed Morse code
intercept while stationed in Germany-

73 Bob
K6OSM
DL5IW 1960-1963

In a message dated 9/12/2013 2:08:42 P.M. Pacific Daylight Time, w7qho@... writes:

Sandy,

Thanks for the response but this was not for sending or receiving characters electrically, rather used by the operator to transcribe the CW characters coming in on his headset. Pretty much a standard portable mechanical typewriter of the period but printed out upper case letters only along with certain other special characters. Similar, full size machines widely used by on ships and fixed-plant communications sites during WW2.

Dennis

**********

On Sep 11, 2013, at 7:35 PM, Sandy B wrote:

My g uess would be the Teletype Corporation model 15. That is a standard page printer. If it had a reperforator typewriter as well, that would probablybe a Teletype model 14.

73
Sandy W5TVW

mac wrote:

>Listed in the relevant manuals only as "Typewriter, portable, with >telegrapher's keyboard, including case." No manufacturer, model, >etc. listed. Anyone ever seen one of these and/or know more? Have >heard surviving examples are rare. > >Dennis D. W7QHO >Glendale, CA > > > >_____ >ARC5 mailing list >Home: http://mailman.qth.net/mailman/listinfo/arc5 >Help: http://mailman.qth.net/mmfaq.htm >Post: mailto:ARC5@... > >This list hosted by: http://www.qsl.net >Please help support this email list: http://www.qsl.net/donate.html

# 5650. RE: [T-368_BC-610] SCR-299/399/499 Typewriter

Yahoo group: T-368_BC-610
Date: 2013-09-13 13:31:49 UTC
From: Thekan, Paul
Topic: 5645  Message: 5650

The portable typewriter I have , as used on the SCR 299/399/499, is the Remington portable 'Deluxe Model 5" Mine happen to have been used by the Navy and are a light grey with USN on the front of the typewriter above the keyboard. The Army version I think is black. There is an ad in a war issue of Radio News showing the typewriter as used on the SCR 299.

The military version looks physically just like a standard Model 5 with the exception that it is upper case only and the zero key has a slash through it. There was another change on the keyboard numbering but I can't recall what it is now. If one cannot find the cw mill version , there are lots of the 'regular' Model 5's out there.

Paul
N6FEG

From: T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>
[mailto:T-368_BC-610@yahoogroups.com] On Behalf Of mac
Sent: Wednesday, September 11, 2013 6:34 PM
To: milsurplus Mail List;
T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>; ARC-5 List
Subject: [T-368_BC-610] SCR-299/399/499 Typewriter

Listed in the relevant manuals only as "Typewriter, portable, with
telegrapher's keyboard, including case." No manufacturer, model,
etc. listed. Anyone ever seen one of these and/or know more? Have
heard surviving examples are rare.

Dennis D. W7QHO
Glendale, CA

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[Non-text portions of this message have been removed]

# 5651. typewriter

Yahoo group: T-368_BC-610
Date: 2013-09-13 16:33:32 UTC
From: Alan Morriss
Topic: 3722  Message: 5651

hello paul , i am desperate to find one for our SCR399 . it is the only thing missing. we even have the soldering iron. i believe some of them were made by underwood. if ever anyone hears of one going, please remember us ! alan G4GEN

# 5652. RE: [T-368_BC-610] typewriter

Yahoo group: T-368_BC-610
Date: 2013-09-13 16:45:21 UTC
From: Tom Mackie
Topic: 3722  Message: 5652

And another manufacturer may have been L.C. Smith & Corona Typewriters Inc.
Mine is Navy: beige in color (colour).
73
Tom

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Alan Morriss
Sent: Friday, September 13, 2013 12:34 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] typewriter

hello paul , i am desperate to find one for our SCR399 . it is the only thing missing. we even have the soldering iron. i believe some of them were made by underwood. if ever anyone hears of one going, please remember us ! alan G4GEN

# 5653. Re: [T-368_BC-610] Re: [ARC5] SCR-299/399/499 Typewriter

Yahoo group: T-368_BC-610
Date: 2013-09-13 16:57:00 UTC
From: commtekman@...
Topic: 5646  Message: 5653

Hi Jim,

Long time ago now. I was stationed at Herzo Base, near Herzogenaurach. Like
you I still have a few
items from that time period, R390, R389, R391 and etc. Also have a T368E. I
have a very early mill made by Underwood and a later one made by
Remington, a model seventeen that is marked Signal Corps and is also marked MC-88.

I was the Trustee of Mars station DL4SZ and my own call was DL5IW.

Bob K6OSM

In a message dated 9/13/2013 1:59:01 A.M. Pacific Daylight Time,
chejmw@... writes:

☐
Howdy Bob,

I was DL4AX, in Germany, back when, Stationed at Bad Toltz, when I wasn't
"Globe-trotting"! Still have the two BC-610s I used then, and the R390As'

Jim WB2FCN

----- Original Message -----
From: _commtekman@..._ (mailto:commtekman@...)
To: _T-368_BC-610@yahoogroups.com_ (mailto:T-368_BC-610@yahoogroups.com)
; _ebjr37@charter.net_ (mailto:ebjr37@...)
Cc: _milsurplus@..._ (mailto:milsurplus@...) ;
_arc5@..._ (mailto:arc5@mailman.qth.net)
Sent: Thursday, September 12, 2013 6:20 PM
Subject: Re: [T-368_BC-610] Re: [ARC5] SCR-299/399/499 Typewriter

I was reading this topic and thought I might add a little, the typewriter
you are referring to is called a
"mill" and I have several myself. Fifty three years ago I used a mill to
copy high speed Morse code
intercept while stationed in Germany-

73 Bob
K6OSM
DL5IW 1960-1963

In a message dated 9/12/2013 2:08:42 P.M. Pacific Daylight Time,
_w7qho@..._ (mailto:w7qho@...) writes:

Sandy,

Thanks for the response but this was not for sending or receiving characters electrically, rather used by the operator to transcribe the CW characters coming in on his headset. Pretty much a standard portable mechanical typewriter of the period but printed out upper case letters only along with certain other special characters. Similar, full size machines widely used by on ships and fixed-plant communications sites during WW2.

Dennis

**********

On Sep 11, 2013, at 7:35 PM, Sandy B wrote:

My g uess would be the Teletype Corporation model 15. That is a standard page printer. If it had a reperforator typewriter as well, that would probablybe a Teletype model 14.

73
Sandy W5TVW

mac <W7QHO

>Listed in the relevant manuals only as "Typewriter, portable, with >telegrapher's keyboard, including case." No manufacturer, model, >etc. listed. Anyone ever seen one of these and/or know more? Have >heard surviving examples are rare. > >Dennis D. W7QHO >Glendale, CA > > > >_____ >ARC5 mailing list >Home: http://mailman.qth.net/mailman/listinfo/arc5 >Help: _http://mailman.qth.net/mmfaq.htm_ (http://%20mailman.qth.net/mmfaq.htm) >Post: mailto:ARC5@... > >This list hosted by: _http://www.qsl.net_ (http://www.qsl.net/) >Please help support this email list: http://www.qsl.net/donate.html

# 5654. RE: [T-368_BC-610] typewriter

Yahoo group: T-368_BC-610
Date: 2013-09-13 17:19:36 UTC
From: Thekan, Paul
Topic: 3722  Message: 5654

Hi Alan

Yes , I know you've been looking for a long time. A standard Remington Model 5 will physically look like the cw mill version you so desperately seek and could be a place holder until you find the real cw mill version.

Hang in there Alan , one will show up when you least expect it.

73
Paul
N6FEG

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Alan Morriss
Sent: Friday, September 13, 2013 9:34 AM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] typewriter

hello paul , i am desperate to find one for our SCR399 . it is the only thing missing. we even have the soldering iron. i believe some of them were made by underwood. if ever anyone hears of one going, please remember us ! alan G4GEN

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[Non-text portions of this message have been removed]

# 5655. RE: [T-368_BC-610] Re: [ARC5] SCR-299/399/499 Typewriter

Yahoo group: T-368_BC-610
Date: 2013-09-13 17:24:31 UTC
From: Thekan, Paul
Topic: 5646  Message: 5655

Hi Bob

I have a couple of the Remington Model 17 cw mills and none have any markings on them associating them with any branch of the military. Maybe the ones I have were in commercial use.

Paul
N6FEG

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of commtekman@aol.com
Sent: Friday, September 13, 2013 9:57 AM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] Re: [ARC5] SCR-299/399/499 Typewriter

Hi Jim,

Long time ago now. I was stationed at Herzo Base, near Herzogenaurach. Like you I still have a few
items from that time period, R390, R389, R391 and etc. Also have a T368E. I have a very early mill made by Underwood and a later one made by Remington, a model seventeen that is marked Signal Corps and is also marked MC-88.

I was the Trustee of Mars station DL4SZ and my own call was DL5IW.

Bob K6OSM

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# 5656. typewriter

Yahoo group: T-368_BC-610
Date: 2013-09-13 19:46:04 UTC
From: Alan Morriss
Topic: 3722  Message: 5656

thanks paul , yes, i have been told that. however it is not important to just fill the place. one will turn up some day. i only hope i am still alive ! incidentally , i do not know if i have mentioned this , but our PE95 is one of the ones which were converted to 220V 3 phase by the dutch as standby generators for flower growers. i have been looking for an original generator for it ever since we got the SCR399 set up. at last one has turned up in france minus the engine. we got it for a reasonablle price and it should arrive on tuesday. i will post a photo if all goes according to plan. alan G4GEN

# 5657. RE: [T-368_BC-610] typewriter

Yahoo group: T-368_BC-610
Date: 2013-09-13 19:57:09 UTC
From: Thekan, Paul
Topic: 3722  Message: 5657

Very good Alan. I'm sure one will show up long before you 'leave us'. Good deal on finding the generator part of the PE 95. I have a PE 95 here too that is set up for 220v 3 phase but has US Navy tags on it. It had been used at our old Eimac plant in San Carlos for a stand by gen set for the guard house. Have never fired it up after saving it from being scrapped out when we abandoned the plant.

Paul
N6FEG

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Alan Morriss
Sent: Friday, September 13, 2013 12:46 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] typewriter

thanks paul , yes, i have been told that. however it is not important to just fill the place. one will turn up some day. i only hope i am still alive ! incidentally , i do not know if i have mentioned this , but our PE95 is one of the ones which were converted to 220V 3 phase by the dutch as standby generators for flower growers. i have been looking for an original generator for it ever since we got the SCR399 set up. at last one has turned up in france minus the engine. we got it for a reasonablle price and it should arrive on tuesday. i will post a photo if all goes according to plan. alan G4GEN

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[Non-text portions of this message have been removed]

# 5658. Re: typewriter

Yahoo group: T-368_BC-610
Date: 2013-09-13 20:03:36 UTC
From: ke5o_steve
Topic: 3722  Message: 5658

We had a pretty good discussion on this subject last April on the Voice of Victory group...
http://groups.yahoo.com/group/SCR_299/
Steve
ke5o

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello paul , i am desperate to find one for our SCR399 . it is the only thing missing. we even have the soldering iron. i believe some of them were made by underwood. if ever anyone hears of one going, please remember us ! alan G4GEN
>

# 5659. typewriter

Yahoo group: T-368_BC-610
Date: 2013-09-13 21:04:28 UTC
From: Alan Morriss
Topic: 3722  Message: 5659

hello bob, well , if ever you decide to part wiith one, don't forget me ! ! alan G4GEN

# 5660. Re: [T-368_BC-610] typewriter

Yahoo group: T-368_BC-610
Date: 2013-09-13 23:05:30 UTC
From: commtekman@...
Topic: 3722  Message: 5660

Hi Alan,
The older one I have is a Underwood Champion, the more newer one is a Remington model seventeen, are you looking for an older one or a more newer type?

Bob K6OSM

In a message dated 9/13/2013 2:05:48 P.M. Pacific Daylight Time, mohawk@... writes:

hello bob, well , if ever you decide to part wiith one, don't forget me ! ! alan G4GEN

# 5661. Re: [T-368_BC-610] typewriter

Yahoo group: T-368_BC-610
Date: 2013-09-14 02:18:52 UTC
From: Mark J. Blair
Topic: 3722  Message: 5661

I have a mill that I bought a few years back. I think mine is based on a Royal Arrow typewriter. I don't recall whether it has any service branch indicated on it. I had to do a LOT of work on it to free up the keys. The machined casting holding the center links for each type bar seemed to have swelled shut around the links, and I had to remove all of them and laboriously scrape each slot to allow the links to move freely. Now the typing function works well, but it still intermittently advances the carriage two spaces instead of one. I haven't tracked down the cause of that problem yet.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 5662. Re: typewriter

Yahoo group: T-368_BC-610
Date: 2013-09-13 16:56:52 UTC
From: ke5o_steve
Topic: 3722  Message: 5662

We had a pretty good discussion on this subject last April on the Voice of Victory group...
http://groups.yahoo.com/group/SCR_299/
Steve
ke5o

--- In T-368_BC-610@yahoogroups.com, "Alan Morriss" <mohawk@...> wrote:
>
> hello paul , i am desperate to find one for our SCR399 . it is the only thing missing. we even have the soldering iron. i believe some of them were made by underwood. if ever anyone hears of one going, please remember us ! alan G4GEN
>

# 5663. typewriter

Yahoo group: T-368_BC-610
Date: 2013-09-14 09:25:51 UTC
From: Alan Morriss
Topic: 3722  Message: 5663

hello bob, as the SCR399 is about 1944 , it would be best to find one of around that period. of course the set up was still in use dduring the korean war and even in vietnam with the collins rx , so i suppose it really does not matter. i would really like to learn how to take morse down directly on to a keyboard. i know i am 78 , but it is good for an old dog to learn new tricks ! incidentally , i was taught morse by the canadian soldiers , as this place was in the middle of an army camp , and still is a military training area. i was really brought up by them i suppose. we also had americans for a period, and that was when i fell in love with the BC610.
amusingly , before D day there were some radio trucks parked on the road goinng tthrough the camp , and beside them was a pile of the little steel ladders which fitted on the back of the truck to climb up with. i really wanted one of those , so not wishing to steal one , i just removed the top ladder and put it in the grass beside the road , hoping they would overlook it. sure enough the day after they pulled out , there it was. it took me 60 years to get the truck to go with it ! alan G4GEN

# 5664. Re: [T-368_BC-610] Re: [ARC5] SCR-299/399/499 Typewriter

Yahoo group: T-368_BC-610
Date: 2013-09-14 17:11:26 UTC
From: commtekman@...
Topic: 5646  Message: 5664

Hello Paul.

Thanks for the info about your mills. I have seen other mills marked the same as mine and I have seen a lot of them that are unmarked that were used by the military as cw mills so I don't understand the difference in identification but I believe they are rare or becoming rare as I haven't seen any recently for sale. I purchased a Remington Model 17 typewriter for spare parts other than the keys for any future problems.

Bob K6OSM

In a message dated 9/14/2013 9:09:44 A.M. Pacific Daylight Time, Paul.Thekan@... writes:

Hi Bob
I have a couple of the Remington Model 17 cw mills and none have any markings on them associating them with any branch of the military. Maybe the ones I have were in commercial use.
Paul
N6FEG

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of commtekman@...
Sent: Friday, September 13, 2013 9:57 AM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] Re: [ARC5] SCR-299/399/499 Typewriter

Hi Jim,

Long time ago now. I was stationed at Herzo Base, near Herzogenaurach. Like you I still have a few

items from that time period, R390, R389, R391 and etc. Also have a T368E. I have a very early mill made by Underwood and a later one made by Remington, a model seventeen that is marked Signal Corps and is also marked MC-88.

I was the Trustee of Mars station DL4SZ and my own call was DL5IW.

Bob K6OSM

_____
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# 5665. Re: [T-368_BC-610] typewriter

Yahoo group: T-368_BC-610
Date: 2013-09-14 17:16:13 UTC
From: commtekman@...
Topic: 3722  Message: 5665

Alan,
Thanks for all the info. It is not that hard to copy cw on a mill, I suppose easy for me to say but if I can do it I am positive you can too. I had a chance to get a BC610 years ago and was discouraged by other hams who said it was a harmonic generator and since I didn't have any personal knowledge about the 610 I passed on getting it. I do have the newer T368E model that I have had for years.
73 Bob K6OSM

In a message dated 9/14/2013 2:26:59 A.M. Pacific Daylight Time, mohawk@... writes:

hello bob, as the SCR399 is about 1944 , it would be best to find one of around that period. of course the set up was still in use dduring the korean war and even in vietnam with the collins rx , so i suppose it really does not matter. i would really like to learn how to take morse down directly on to a keyboard. i know i am 78 , but it is good for an old dog to learn new tricks ! incidentally , i was taught morse by the canadian soldiers , as this place was in the middle of an army camp , and still is a military training area. i was really brought up by them i suppose. we also had americans for a period, and that was when i fell in love with the BC610. amusingly , before D day there were some radio trucks parked on the road goinng tthrough the camp , and beside them was a pile of the little steel ladders which fitted on the back of the truck to climb up with. i really wanted one of those , so not wishing to steal one , i just removed the top ladder and put it in the grass beside the road , hoping they would overlook it. sure enough the day after they pulled out , there it was. it took me 60 years to get the truck to go with it ! alan G4GEN

# 5666. harmonics

Yahoo group: T-368_BC-610
Date: 2013-09-14 18:11:34 UTC
From: Alan Morriss
Topic: 5666  Message: 5666

hello bob , guys do talk a lot of nonsense sometimes ! if you run it through the 939 , there are no significant spurii . i tried it out with someone who had an SDR outfit, and about 70 miles away he saw no harmonics at all. i also did it using a johnson kilowatt matchbox and a doublet , same result. right now it is unservicable as it looks as if the winding on the overload relay has failed . i have to get it turned round and positioned to the entrance of the shelter so i can work on it . i have a spare , thhanks to jan PA3HCO. cheers, alan

# 5667. Re: [T-368_BC-610] harmonics

Yahoo group: T-368_BC-610
Date: 2013-09-14 18:32:16 UTC
From: commtekman@...
Topic: 5666  Message: 5667

Alan,
I do have some parts for a 610 that I should probably get rid of as I don't have one, I have one or two modulation transformers and a pocket chart or tune up info for a 610 that is for a E model I think, don't know as I would have to check it out. Have fun! Bob

In a message dated 9/14/2013 11:11:26 A.M. Pacific Daylight Time, mohawk@... writes:

hello bob , guys do talk a lot of nonsense sometimes ! if you run it through the 939 , there are no significant spurii . i tried it out with someone who had an SDR outfit, and about 70 miles away he saw no harmonics at all. i also did it using a johnson kilowatt matchbox and a doublet , same result. right now it is unservicable as it looks as if the winding on the overload relay has failed . i have to get it turned round and positioned to the entrance of the shelter so i can work on it . i have a spare , thhanks to jan PA3HCO. cheers, alan

# 5668. Re: [T-368_BC-610] harmonics

Yahoo group: T-368_BC-610
Date: 2013-09-15 02:31:16 UTC
From: Gary Pewitt
Topic: 5666  Message: 5668

Bob, I am in need of a complete modulation deck for my BC-610 E. I have
a stripped bare chassis but need -all- the parts. Anything you have for
it would be a big help getting this fine old lady back on the air.
Thanks Gary N9ZSV
Located in western Arkansas

n 9/14/2013 1:32 PM, commtekman@... wrote:
>
> Alan,
> I do have some parts for a 610 that I should probably get rid of as I
> don't have one, I have one or two modulation transformers and a pocket
> chart or tune up info for a 610 that is for a E model I think, don't
> know as I would have to check it out. Have fun! Bob
> In a message dated 9/14/2013 11:11:26 A.M. Pacific Daylight Time,
> mohawk@... writes:
>
> hello bob , guys do talk a lot of nonsense sometimes ! if you
> run it through the 939 , there are no significant spurii . i tried
> it out with someone who had an SDR outfit, and about 70 miles away
> he saw no harmonics at all. i also did it using a johnson kilowatt
> matchbox and a doublet , same result. right now it is unservicable
> as it looks as if the winding on the overload relay has failed . i
> have to get it turned round and positioned to the entrance of the
> shelter so i can work on it . i have a spare , thhanks to jan
> PA3HCO. cheers, alan
>
>

--
Gary Pewitt N9ZSV
1500 French Prairie Rd
Booneville, AR 72927

# 5669. PE95

Yahoo group: T-368_BC-610
Date: 2013-09-19 11:33:25 UTC
From: Alan Morriss
Topic: 5669  Message: 5669

hello everyone. at last the 110V generator and contrrol panel for the PE95 has arrived from france. once these are fitted to our PE95 we will have a complete SCR399 working as intended. all we need is the typewriter ! alan G4GEN

# 5670. RE: [T-368_BC-610] PE95

Yahoo group: T-368_BC-610
Date: 2013-09-19 12:12:29 UTC
From: kd1yt@...
Topic: 5669  Message: 5670

Bravo. PE95s are sweet units.

-----Original Message-----
From: "Alan Morriss" <mohawk@...>
Sent: Thursday, September 19, 2013 7:33am
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] PE95

hello everyone. at last the 110V generator and contrrol panel for the PE95 has arrived from france. once these are fitted to our PE95 we will have a complete SCR399 working as intended. all we need is the typewriter ! alan G4GEN

# 5671. SCR399

Yahoo group: T-368_BC-610
Date: 2013-09-19 16:30:45 UTC
From: Alan Morriss
Topic: 5671  Message: 5671

oh , i forgot. the truck, along with some of our other stuff is now on a film with brad pitt. it is called the fury . looks like being good.
the last one for it was monuments men with george clooney.alan G4GEN

# 5672. RE: [T-368_BC-610] SCR399

Yahoo group: T-368_BC-610
Date: 2013-09-19 17:01:16 UTC
From: kd1yt@...
Topic: 5671  Message: 5672

Do you have a website for your truck/radios/genset, and things that it's "starred in?"

73 de Trevor, KD1YT

-----Original Message-----
From: "Alan Morriss" <mohawk@...>
Sent: Thursday, September 19, 2013 12:30pm
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] SCR399

oh , i forgot. the truck, along with some of our other stuff is now on a film with brad pitt. it is called the fury . looks like being good.
the last one for it was monuments men with george clooney.alan G4GEN

# 5673. website

Yahoo group: T-368_BC-610
Date: 2013-09-19 17:43:55 UTC
From: Alan Morriss
Topic: 5673  Message: 5673

no , not specially for the vehicles.we do a lot of filming. we did the band of brothers along with many other contractors , it is my son's business. our website can be found under pippingford estate. this also has links to the vehicle one locamotion. alan

# 5674. more

Yahoo group: T-368_BC-610
Date: 2013-09-19 17:46:25 UTC
From: Alan Morriss
Topic: 5147  Message: 5674

herewith a photo . alan

[Non-text portions of this message have been removed]

# 5675. RE: [T-368_BC-610] more

Yahoo group: T-368_BC-610
Date: 2013-09-19 19:17:14 UTC
From: kd1yt@...
Topic: 5147  Message: 5675

This particular Yahoogroup strips off attachments, so you'd have to upload it to Files and then let us know where it is in files. Thanks!

-----Original Message-----
From: "Alan Morriss" <mohawk@...>
Sent: Thursday, September 19, 2013 1:46pm
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] more

herewith a photo . alan

[Non-text portions of this message have been removed]

# 5676. file

Yahoo group: T-368_BC-610
Date: 2013-09-20 08:06:55 UTC
From: Alan Morriss
Topic: 5676  Message: 5676

hello , it is on my photo file i think . alan

# 5677. Re: SCR399

Yahoo group: T-368_BC-610
Date: 2013-09-20 10:26:39 UTC
From: Roger Basford
Topic: 5671  Message: 5677

There's some photos of Alan's SCR-399 on the Group Photos web page, I took them back in 2007, I think.

73

Roger/G3VKM

--- In T-368_BC-610@yahoogroups.com, kd1yt@... wrote:
>
>
> Do you have a website for your truck/radios/genset, and things that it's "starred in?"
>
> 73 de Trevor, KD1YT
>
> -----Original Message-----
> From: "Alan Morriss" <mohawk@...>
> Sent: Thursday, September 19, 2013 12:30pm
> To: T-368_BC-610@yahoogroups.com
> Subject: [T-368_BC-610] SCR399
>
>
>
>
>
>
>
>
> oh , i forgot. the truck, along with some of our other stuff is now on a film with brad pitt. it is called the fury . looks like being good.
> the last one for it was monuments men with george clooney.alan G4GEN
>

# 5678. Re: [T-368_BC-610] Re: [ARC5] SCR-299/399/499 Typewriter

Yahoo group: T-368_BC-610
Date: 2013-09-22 23:00:06 UTC
From: Larry Godek
Topic: 5646  Message: 5678

Howdy OM.

How the heck are you doing?  Long time no hear from you.  Hope things are good and the weather is as well.  I was DL5LS from 1966 thru 1968.

Larry
W0OGH

---
From: James M. Walker <chejmw@...>
To: T-368_BC-610@yahoogroups.com
Sent: Friday, September 13, 2013 1:58 AM
Subject: Re: [T-368_BC-610] Re: [ARC5] SCR-299/399/499 Typewriter

☐
Howdy Bob,

I was DL4AX, in Germany, back when, Stationed at Bad Toltz, when I wasn't
"Globe-trotting"! Still have the two BC-610s I used then, and the R390As'

Jim WB2FCN

----- Original Message -----
>From: commtekman@...
>To: T-368_BC-610@yahoogroups.com ; ebjr37@...
>Cc: milsurplus@... ; arc5@...
>Sent: Thursday, September 12, 2013 6:20 PM
>Subject: Re: [T-368_BC-610] Re: [ARC5] SCR-299/399/499 Typewriter
>
>I was reading this topic and thought I might add a little, the typewriter you are referring to is called a
>"mill" and I have several myself. Fifty three years ago I used a mill to copy high speed Morse code
>intercept while stationed in Germany-
>
>73 Bob
>K6OSM
>DL5IW  1960-1963
>
>In a message dated 9/12/2013 2:08:42 P.M. Pacific Daylight Time, w7qho@... writes:
>
>>Sandy,
>>
>>
>>Thanks for the response but this was not for sending or receiving characters

electrically, rather used by the operator to transcribe the CW characters coming in on his headset.  Pretty much a standard portable mechanical typewriter of the period but printed out upper case letters only  along with certain other special characters.  Similar, full size machines widely used by on ships and fixed-plant communications sites during WW2.
>>
>>
>>Dennis
>>
>>
>>**********
>>
>>
>>On Sep 11, 2013, at 7:35 PM, Sandy B wrote:
>>
>>My g uess would be the Teletype Corporation model 15.  That is a standard page printer. If it had a reperforator typewriter as well, that would probablybe a Teletype model 14.
>>>
>>>73
>>>Sandy
W5TVW
>>>
>>>
>>>
>>>mac  wrote:
>>>
>>>
>Listed in the relevant manuals only as "Typewriter, portable, with >telegrapher's keyboard, including case." No manufacturer, model, >etc. listed. Anyone ever seen one of these and/or know more? Have >heard surviving examples are rare. > >Dennis D. W7QHO >Glendale, CA > > > >_____ >ARC5 mailing list >Home: http://mailman.qth.net/mailman/listinfo/arc5 >Help: http://mailman.qth.net/mmfaq.htm >Post: mailto:ARC5@... > >This list hosted by: http://www.qsl.net >Please help support this email list: http://www.qsl.net/donate.html
>>

# 5679. Re: [T-368_BC-610] Re: [ARC5] SCR-299/399/499 Typewriter

Yahoo group: T-368_BC-610
Date: 2013-09-23 23:59:56 UTC
From: James M. Walker
Topic: 5646  Message: 5679

Ola, Que Pasa, there Buddy,
I am doing ok now, visiting the VA hospital and such, keep running into people that "Have no security CLEARANCE, who want to know how I managed to die and am not still "DEAD"! The VA here sent a request to Walter Reed Army Hospital, and
they were told,,,
Yes the patient was dead but he isn't any longer as far as we know, and the information you requested on Him (Me) is only available if you have the right
security clearance, and a "Need To Know". Please submit all further enquiries
to The CIA at Virgina. Be advised proof of necessary clearance is required!

When I was in Germany I was stationed at Frankfort, Bad Toltz, and shaffenBurg.

We gotta get to gether via email, more offten.

I am in a new house/home and after a false start single again, because the lady
wanted to run everything here and so I sent her and the rest of her family packing.

Got the BC-610 up and running (I) model so far, (E) model is next, should be on the air again with them soon. Got low power stuff and CW/SSB capability now.
Tomorrow I put up the end fed long-wire oriented North South and will most likely
be on CW in a couple of days.

My only complaint now is its too quiet here all alone. Gonna have to find a "Lady that is NOT DIFFICULT to live with.

Maybe NOT cause I am 64 and can NOT tolerate the B.S. anymore!!!

But back to radio I have receivers and a complete Heathkit Station running
like I said putting the BC-610s back together, will be on AM/CW soon too.

How are things with you, (Write Damm-it) LoL
Jim
WB2FCN AKA SFC Boo

----- Original Message -----
From: Larry Godek
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, September 22, 2013 7:00 PM
Subject: Re: [T-368_BC-610] Re: [ARC5] SCR-299/399/499 Typewriter

Howdy OM.

How the heck are you doing? Long time no hear from you. Hope things are good and the weather is as well. I was DL5LS from 1966 thru 1968.

Larry
W0OGH

---
From: James M. Walker <chejmw@...>
To: T-368_BC-610@yahoogroups.com
Sent: Friday, September 13, 2013 1:58 AM
Subject: Re: [T-368_BC-610] Re: [ARC5] SCR-299/399/499 Typewriter

☐
Howdy Bob,

I was DL4AX, in Germany, back when, Stationed at Bad Toltz, when I wasn't "Globe-trotting"! Still have the two BC-610s I used then, and the R390As'

Jim WB2FCN

----- Original Message -----
From: commtekman@aol.com
To: T-368_BC-610@yahoogroups.com ; ebjr37@...
Cc: milsurplus@... ; arc5@...
Sent: Thursday, September 12, 2013 6:20 PM
Subject: Re: [T-368_BC-610] Re: [ARC5] SCR-299/399/499 Typewriter

I was reading this topic and thought I might add a little, the typewriter you are referring to is called a
"mill" and I have several myself. Fifty three years ago I used a mill to copy high speed Morse code
intercept while stationed in Germany-

73 Bob
K6OSM
DL5IW 1960-1963

In a message dated 9/12/2013 2:08:42 P.M. Pacific Daylight Time, w7qho@... writes:

Sandy,

Thanks for the response but this was not for sending or receiving characters electrically, rather used by the operator to transcribe the CW characters coming in on his headset. Pretty much a standard portable mechanical typewriter of the period but printed out upper case letters only along with certain other special characters. Similar, full size machines widely used by on ships and fixed-plant communications sites during WW2.

Dennis

**********

On Sep 11, 2013, at 7:35 PM, Sandy B wrote:

My g uess would be the Teletype Corporation model 15. That is a standard page printer. If it had a reperforator typewriter as well, that would probablybe a Teletype model 14.

73
Sandy W5TVW

mac wrote:

>Listed in the relevant manuals only as "Typewriter, portable, with >telegrapher's keyboard, including case." No manufacturer, model, >etc. listed. Anyone ever seen one of these and/or know more? Have >heard surviving examples are rare. > >Dennis D. W7QHO >Glendale, CA > > > >_____ >ARC5 mailing list >Home: http://mailman.qth.net/mailman/listinfo/arc5 >Help: http://mailman.qth.net/mmfaq.htm >Post: mailto:ARC5@... > >This list hosted by: http://www.qsl.net >Please help support this email list: http://www.qsl.net/donate.html

# 5680. Re: [T-368_BC-610] Re: [ARC5] SCR-299/399/499 Typewriter

Yahoo group: T-368_BC-610
Date: 2013-09-24 20:37:34 UTC
From: Ed Zeranski
Topic: 5646  Message: 5680

Larry,

Geeze! I still gotta pick up the 6 meter antenna.

EdZ KG6UTS

From: Larry Godek
Sent: Sunday, September 22, 2013 4:00 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] Re: [ARC5] SCR-299/399/499 Typewriter

Howdy OM.

How the heck are you doing? Long time no hear from you. Hope things are good and the weather is as well. I was DL5LS from 1966 thru 1968.

Larry
W0OGH

---

From: James M. Walker <chejmw@buffalo.edu>
To: T-368_BC-610@yahoogroups.com
Sent: Friday, September 13, 2013 1:58 AM
Subject: Re: [T-368_BC-610] Re: [ARC5] SCR-299/399/499 Typewriter

☐
Howdy Bob,

I was DL4AX, in Germany, back when, Stationed at Bad Toltz, when I wasn't "Globe-trotting"! Still have the two BC-610s I used then, and the R390As'

Jim WB2FCN

----- Original Message -----
From: commtekman@...
To: T-368_BC-610@yahoogroups.com ; ebjr37@charter.net
Cc: milsurplus@... ; arc5@...
Sent: Thursday, September 12, 2013 6:20 PM
Subject: Re: [T-368_BC-610] Re: [ARC5] SCR-299/399/499 Typewriter

I was reading this topic and thought I might add a little, the typewriter you are referring to is called a
"mill" and I have several myself. Fifty three years ago I used a mill to copy high speed Morse code
intercept while stationed in Germany-

73 Bob
K6OSM

DL5IW 1960-1963

In a message dated 9/12/2013 2:08:42 P.M. Pacific Daylight Time, w7qho@... writes:

Sandy,

Thanks for the response but this was not for sending or receiving characters electrically, rather used by the operator to transcribe the CW characters coming in on his headset. Pretty much a standard portable mechanical typewriter of the period but printed out upper case letters only along with certain other special characters. Similar, full size machines widely used by on ships and fixed-plant communications sites during WW2.

Dennis

**********

On Sep 11, 2013, at 7:35 PM, Sandy B wrote:

My g uess would be the Teletype Corporation model 15. That is a standard page printer. If it had a reperforator typewriter as well, that would probablybe a Teletype model 14.

73
Sandy W5TVW

mac wrote:

>Listed in the relevant manuals only as "Typewriter, portable, with >telegrapher's keyboard, including case." No manufacturer, model, >etc. listed. Anyone ever seen one of these and/or know more? Have >heard surviving examples are rare. > >Dennis D. W7QHO >Glendale, CA > > > >_____ >ARC5 mailing list >Home: http://mailman.qth.net/mailman/listinfo/arc5 >Help: http://%20mailman.qth.net/mmfaq.htm >Post: mailto:ARC5@... > >This list hosted by: http://www.qsl.net >Please help support this email list: http://www.qsl.net/donate.html

# 5681. Re: [T-368_BC-610] Re: [ARC5] SCR-299/399/499 Typewriter

Yahoo group: T-368_BC-610
Date: 2013-09-25 06:46:13 UTC
From: Glen Galati
Topic: 5646  Message: 5681

Very interesting.  I was at Rhien Main AB July 69 thru Dec 72.
73,
Glen Galati, KA7BOJ, ex WB0AXK, DL4GG, HL9WA
22.5 years USAF Ret E7 (304X4, 275X0)
Ground Radio Comm Tech; ROMAD TACP 9 INF DIV, Ft. Lewis AIN
Retired 1 Nov 83  http://www.el-dim.com/

---
From: Ed Zeranski <edzeranski@...>
To: T-368_BC-610@yahoogroups.com
Sent: Tuesday, September 24, 2013 1:37 PM
Subject: Re: [T-368_BC-610] Re: [ARC5] SCR-299/399/499 Typewriter

Larry,

Geeze! I still gotta pick up the 6 meter antenna.

EdZ KG6UTS

From: Larry Godek
Sent: Sunday, September 22, 2013 4:00 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] Re: [ARC5] SCR-299/399/499 Typewriter

Howdy OM.How the heck are you doing?  Long time no hear from you.  Hope things are good and the weather is as well.  I was DL5LS from 1966 thru 1968.LarryW0OGH

---
From: James M. Walker <chejmw@...>
To: T-368_BC-610@yahoogroups.com
Sent: Friday, September 13, 2013 1:58 AM
Subject: Re: [T-368_BC-610] Re: [ARC5] SCR-299/399/499 Typewriter

☐
Howdy Bob,

I was DL4AX, in Germany, back when, Stationed at Bad Toltz, when I wasn't "Globe-trotting"! Still have the two BC-610s I used then, and the R390As'

Jim WB2FCN

----- Original Message -----
>From: commtekman@...
>To: T-368_BC-610@yahoogroups.com ; ebjr37@...
>Cc: milsurplus@... ; arc5@...
>Sent: Thursday, September 12, 2013 6:20 PM
>Subject: Re: [T-368_BC-610] Re: [ARC5] SCR-299/399/499 Typewriter
>I was reading this topic and thought I might add a little, the typewriter you are

referring to is called a
>"mill" and I have several myself. Fifty three years ago I used a mill to copy high speed Morse code
>intercept while stationed in Germany-
>
>73 Bob
>K6OSM
>DL5IW  1960-1963
>
>In a message dated 9/12/2013 2:08:42 P.M. Pacific Daylight Time, w7qho@... writes:
>
>>Sandy,
>>
>>Thanks for the response but this was not for sending or receiving characters electrically, rather used by the operator to transcribe the CW characters coming in on his headset.  Pretty much a standard portable mechanical typewriter of the period but printed out upper case letters only  along with certain other special characters.  Similar, full size machines widely used by on ships and fixed-plant communications sites during WW2.
>>
>>Dennis
>>
>>**********
>>
>>
>>On Sep 11, 2013, at 7:35 PM, Sandy B wrote:
>>My g uess would be the Teletype Corporation model 15.  That is a standard page printer. If it had a reperforator typewriter as well, that would probablybe a Teletype model 14.73Sandy W5TVW
>>>mac  wrote:>Listed in the relevant manuals only as "Typewriter, portable, with >telegrapher's keyboard, including case." No manufacturer, model, >etc. listed. Anyone ever seen one of these and/or know more? Have >heard surviving examples are rare. > >Dennis D. W7QHO >Glendale, CA > > >
>_____ >ARC5 mailing list >Home: http://mailman.qth.net/mailman/listinfo/arc5 >Help: http://%20mailman.qth.net/mmfaq.htm >Post: mailto:ARC5@... > >This list hosted by: http://www.qsl.net/ >Please help support this email list: http://www.qsl.net/donate.html
>>

# 5682. electronic dementia?

Yahoo group: T-368_BC-610
Date: 2013-09-25 22:55:02 UTC
From: Ed Zeranski
Topic: 5682  Message: 5682

Glen Galati,

From electronic Dimensions??

EdeZ KG6UTS

# 5683. Looking for PA tube shield for T3

Yahoo group: T-368_BC-610
Date: 2013-09-29 14:41:02 UTC
From: ab3ht
Topic: 5683  Message: 5683

Hello all,
Check your junk boxes for the big can that goes over the 4-400 tube.
I have made a reasonable substitute from a tin can, but if anyone has a spare, I could use it.
Thanks, Ed AB3HT

# 5684. Re: [T-368_BC-610] protective relay k10

Yahoo group: T-368_BC-610
Date: 2013-09-29 22:44:35 UTC
From: mac
Topic: 5641  Message: 5684

Ed,

How's that project coming along?

Dennis D. W7QHO
Glendale, CA

**********
On Aug 17, 2013, at 7:31 PM, ab3ht wrote:

> Anybody know anything about protective relay 'k 10'?
> mine is missing in my t-368.
> source?, part number?, effective work-around?
> 73 Ed
>
>

# 5685. Mill Typewriter

Yahoo group: T-368_BC-610
Date: 2013-10-01 20:31:04 UTC
From: <AirRadio@...>
Topic: 5685  Message: 5685

Just added a few pictures of my Mill typewriter that is part of my SCR-499 set up here in the UK, under M0GHQ.

73 Max

M0GHQ

# 5686. RE: Mill Typewriter

Yahoo group: T-368_BC-610
Date: 2013-10-02 05:52:24 UTC
From: <Roger@...>
Topic: 5685  Message: 5686

Hi Max,

At least we now know what Alan's looking for :-))

What do the "Shift Freedom" keys do? I thought it was an upper-case only machine?

73

Roger/G3VKM

---In T-368_BC-610@yahoogroups.com, <t-368_bc-610@yahoogroups.com> wrote:

Just added a few pictures of my Mill typewriter that is part of my SCR-499 set up here in the UK, under M0GHQ.

73 Max

M0GHQ

# 5687. RE: [T-368_BC-610] RE: Mill Typewriter

Yahoo group: T-368_BC-610
Date: 2013-10-02 12:48:05 UTC
From: Steve Gajkowski
Topic: 5685  Message: 5687

Punctuation

---

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Roger@...
Sent: Wednesday, October 02, 2013 1:52 AM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] RE: Mill Typewriter

Hi Max,

At least we now know what Alan's looking for :-))

What do the "Shift Freedom" keys do? I thought it was an upper-case only machine?

73

Roger/G3VKM

---In T-368_BC-610@yahoogroups.com, <t-368_bc-610@yahoogroups.com> wrote:

Just added a few pictures of my Mill typewriter that is part of my SCR-499 set up here in the UK, under M0GHQ.

73 Max

M0GHQ

# 5688. pad

Yahoo group: T-368_BC-610
Date: 2013-10-16 09:50:12 UTC
From: Alan Morriss
Topic: 5688  Message: 5688

hello guys , does anyone have an original message pad as used in the SCR399 ? we have the french language ones which were used when it was in luxembourg .just one sheet would do at a pinch as we could have some printed.
of course we are still after a mill typewriter ! alan G4GEN

# 5689. RE: pad

Yahoo group: T-368_BC-610
Date: 2013-10-16 18:04:20 UTC
From: <Roger@...>
Topic: 5688  Message: 5689

Hi Alan,

I have a "Message Book M-210-A, Signal Corps, US Army" if that's of any help? Perhaps someone who is ex-US Army can comment on whether this book is of the right era. It is a duplicate book, that is it has a carbon copy of each page. Can scan the relevant pages if required.

73

Roger/G3VKM

---In T-368_BC-610@yahoogroups.com, <t-368_bc-610@yahoogroups.com> wrote:

hello guys , does anyone have an original message pad as used in the SCR399 ? we have the french language ones which were used when it was in luxembourg .just one sheet would do at a pinch as we could have some printed.
of course we are still after a mill typewriter ! alan G4GEN

# 5690. pad

Yahoo group: T-368_BC-610
Date: 2013-10-16 18:18:16 UTC
From: Alan Morriss
Topic: 5688  Message: 5690

hello roger , that sounds fine. one page should be enough for the local printers to knock up a pad or two. cheers, alan

# 5691. Re: [T-368_BC-610] RE: pad

Yahoo group: T-368_BC-610
Date: 2013-10-16 18:53:14 UTC
From: wa5cab@...
Topic: 5688  Message: 5691

I have several M-210's printed by GPO in 1942.

Robert D.

In a message dated 10/16/2013 13:04:23 PM Central Daylight Time,
Roger@... writes:
> i Alan,
>
>
>
>
> I have a "Message Book M-210-A, Signal Corps, US Army" if that's of any
> help? Perhaps someone who is ex-US Army can comment on whether this book is
> of the right era. It is a duplicate book, that is it has a carbon copy of
> each page. Can scan the relevant pages if required.
>
>
>
>
>
> 73
>
>
>
>
> Roger/G3VKM
>
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>
>
>
>
> ---In T-368_BC-610@yahoogroups.com, <t-368_bc-610@yahoogroups.com> wrote:
>
> hello guys , does anyone have an original message pad as used in the
> SCR399 ? we have the french language ones which were used when it was in
> luxembourg .just one sheet would do at a pinch as we could have some printed.
> of course we are still after a mill typewriter ! alan G4GEN
>
>
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

# 5692. Re: [T-368_BC-610] RE: pad

Yahoo group: T-368_BC-610
Date: 2013-10-16 19:02:31 UTC
From: Alan Morriss
Topic: 5688  Message: 5692

hello robert , that would be marvellous. how much , and can i pay by paypal ? alan
----- Original Message -----
From: wa5cab@...
To: T-368_BC-610@yahoogroups.com
Sent: Wednesday, October 16, 2013 7:53 PM
Subject: Re: [T-368_BC-610] RE: pad

I have several M-210's printed by GPO in 1942.

Robert D.

In a message dated 10/16/2013 13:04:23 PM Central Daylight Time, Roger@... writes:

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I have a "Message Book M-210-A, Signal Corps, US Army" if that's of any help? Perhaps someone who is ex-US Army can comment on whether this book is of the right era. It is a duplicate book, that is it has a carbon copy of each page. Can scan the relevant pages if required.

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Roger/G3VKM

---In T-368_BC-610@yahoogroups.com, <t-368_bc-610@yahoogroups.com> wrote:

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of course we are still after a mill typewriter ! alan G4GEN

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

# 5693. Re: [T-368_BC-610] RE: pad

Yahoo group: T-368_BC-610
Date: 2013-10-16 19:06:56 UTC
From: wa5cab@...
Topic: 5688  Message: 5693

$20.00 each plus shipping. And yes, I will accept PayPal.

Robert D.

In a message dated 10/16/2013 14:02:35 PM Central Daylight Time,
mohawk@... writes:
> hello robert , that would be marvellous. how much , and can i pay by
> paypal ? alan
>
> >> ----- Original Message -----
>> From: wa5cab@...
>> To: T-368_BC-610@yahoogroups.com
>> Sent: Wednesday, October 16, 2013 7:53 PM
>> Subject: Re: [T-368_BC-610] RE: pad
>>
>>
>> I have several M-210's printed by GPO in 1942.
>>
>> Robert D.
>>
>> In a message dated 10/16/2013 13:04:23 PM Central Daylight Time,
>> Roger@... writes:
>> >>> i Alan,
>>>
>>>
>>>
>>>
>>> I have a "Message Book M-210-A, Signal Corps, US Army" if that's of any
>>> help? Perhaps someone who is ex-US Army can comment on whether this book
>>> is of the right era. It is a duplicate book, that is it has a carbon copy
>>> of each page. Can scan the relevant pages if required.
>>>
>>>
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>>> 73
>>>
>>>
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>>>
>>> Roger/G3VKM
>>>
>>>
>>>

>>>
>>>
>>>
>>> ---In T-368_BC-610@yahoogroups.com, <t-368_bc-610@yahoogroups.com>
>>> wrote:
>>>
>>> hello guys , does anyone have an original message pad as used in the
>>> SCR399 ? we have the french language ones which were used when it was in
>>> luxembourg .just one sheet would do at a pinch as we could have some
>>> printed.
>>
>> of course we are still after a mill typewriter ! alan G4GEN
>>
>>
>>
>

# 5694. Re: [T-368_BC-610] RE: pad

Yahoo group: T-368_BC-610
Date: 2013-10-17 09:11:23 UTC
From: James
Topic: 5688  Message: 5694

Hi Robert

I would also like one if you have anymore available, let me have your paypal address

Cheers
James
In guernsey

Sent from my iPhone

> On 16 Oct 2013, at 20:06, wa5cab@... wrote:
>
> $20.00 each plus shipping. And yes, I will accept PayPal.
>
> Robert D.
>
> In a message dated 10/16/2013 14:02:35 PM Central Daylight Time, mohawk@... writes:
>
>> hello robert , that would be marvellous. how much , and can i pay by paypal ? alan
>
>
>> ----- Original Message -----
>> From: wa5cab@...
>> To: T-368_BC-610@yahoogroups.com
>> Sent: Wednesday, October 16, 2013 7:53 PM
>> Subject: Re: [T-368_BC-610] RE: pad
>>
>>
>> I have several M-210's printed by GPO in 1942.
>>
>> Robert D.
>>
>> In a message dated 10/16/2013 13:04:23 PM Central Daylight Time, Roger@... writes:
>>> i Alan,
>>>
>>>
>>>
>>>
>>> I have a "Message Book M-210-A, Signal Corps, US Army" if that's of any help? Perhaps someone who is ex-US Army can comment on whether this book is of the right era. It is a duplicate book, that is it has a carbon copy of each page. Can scan the relevant pages if required.
>>>
>>>
>>>
>>>

>>>
>>> 73
>>>
>>>
>>>
>>>
>>> Roger/G3VKM
>>>
>>>
>>>
>>>
>>>
>>>
>>> ---In T-368_BC-610@yahoogroups.com, <t-368_bc-610@yahoogroups.com> wrote:
>>>
>>> hello guys , does anyone have an original message pad as used in the SCR399 ? we have the french language ones which were used when it was in luxembourg .just one sheet would do at a pinch as we could have some printed.
>
> of course we are still after a mill typewriter ! alan G4GEN
>
>
>
>
>
>

# 5695. My BC-610-E listing goes back to 2002....could you send me a current one ??? de.."w8mnq"

Yahoo group: T-368_BC-610
Date: 2013-10-17 16:01:37 UTC
From: Bob Richmond
Topic: 5695  Message: 5695

[Body unavailable in the source archive]

# 5696. Re: [T-368_BC-610] My BC-610-E listing goes back to 2002....could you send me a current one ??? de.."w8mnq"

Yahoo group: T-368_BC-610
Date: 2013-10-17 17:12:16 UTC
From: rbethman
Topic: 5695  Message: 5696

Bob,

The database is in the files/database area of the group.

It has everything I was ever given for changes and updates.

Be aware that there is NO distinction between models!

The database lists ALL Models, even an HT-4 or two.

The latest I have of the database, in multiple formats, is dated July
28, 2012.

The two copies of the database in 1) Excel and 2) .CSV formats are attached.

Sincerely,
Bob Bethman, (USA SFC Ret. [1988] )
N0DGN

On 10/17/2013 12:01 PM, Bob Richmond wrote:
>
>

[Non-text portions of this message have been removed]

# 5697. Apology to list

Yahoo group: T-368_BC-610
Date: 2013-10-17 17:15:59 UTC
From: rbethman
Topic: 5695  Message: 5697

I apologize to ALL

That was a message that was intended for the individual.

As a pathetic human, I indeed erred!

Bob - N0DGN

# 5698. BC-610-C

Yahoo group: T-368_BC-610
Date: 2013-10-30 19:49:37 UTC
From: <mail@...>
Topic: 5698  Message: 5698

Guys,

I just acquired a nice original condition BC-610-C last weekend. I need to see if I can source one of those little conical ceramic heaters used to drop the voltage in tune mode. Does anybody know where I can find that element? I would also like to find a decent operators guide (I think TM 11-280?). I can find the repair manual on-line but I can't even find so much as a photograph of another "C" model on-line.

Anybody else have one of these?

Gary
WB9YIR

# 5699. Re: BC-610-C

Yahoo group: T-368_BC-610
Date: 2013-10-30 20:16:24 UTC
From: ab3ht
Topic: 5698  Message: 5699

cone coil heater Ebay# 261316617350
73 Ed

--- In T-368_BC-610@yahoogroups.com, <mail@...> wrote:
>
> Guys,
>
>
> I just acquired a nice original condition BC-610-C last weekend. I need to see if I can source one of those little conical ceramic heaters used to drop the voltage in tune mode. Does anybody know where I can find that element? I would also like to find a decent operators guide (I think TM 11-280?). I can find the repair manual on-line but I can't even find so much as a photograph of another "C" model on-line.
>
>
> Anybody else have one of these?
>
>
> Gary
> WB9YIR
>

# 5700. RE: [T-368_BC-610] Re: BC-610-C

Yahoo group: T-368_BC-610
Date: 2013-10-30 20:22:05 UTC
From: Thekan, Paul
Topic: 5698  Message: 5700

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of ab3ht
Sent: Wednesday, October 30, 2013 1:16 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] Re: BC-610-C

cone coil heater Ebay# 261316617350
73 Ed

--- In T-368_BC-610@yahoogroups.com, <mail@...> wrote:
>
> Guys,
>
>
> I just acquired a nice original condition BC-610-C last weekend. I need to see if I can source one of those little conical ceramic heaters used to drop the voltage in tune mode. Does anybody know where I can find that element? I would also like to find a decent operators guide (I think TM 11-280?). I can find the repair manual on-line but I can't even find so much as a photograph of another "C" model on-line.
>
>
> Anybody else have one of these?
>
>
> Gary
> WB9YIR
>

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confidential and/or inside information. Any distribution or use of this
communication by anyone other than the intended recipient(s) is strictly
prohibited and may be unlawful. If you are not the intended recipient,
please notify the sender by replying to this message and then delete it from your system.

[Non-text portions of this message have been removed]

# 5701. RE: BC-610-C

Yahoo group: T-368_BC-610
Date: 2013-10-30 20:26:56 UTC
From: <mail@...>
Topic: 5698  Message: 5701

Perfect, just bought one.

Thanks!

Gary

---In t-368_bc-610@yahoogroups.com, <Paul.Thekan@...> wrote:

From: T-368_BC-610@yahoogroups.com mailto:T-368_BC-610@yahoogroups.com
[mailto:T-368_BC-610@yahoogroups.com mailto:T-368_BC-610@yahoogroups.com] On Behalf Of
ab3ht
Sent: Wednesday, October 30, 2013 1:16 PM
To: T-368_BC-610@yahoogroups.com mailto:T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] Re: BC-610-C

cone coil heater Ebay# 261316617350
73 Ed

--- In T-368_BC-610@yahoogroups.com mailto:T-368_BC-610@yahoogroups.com, <mail@...> wrote:
>
> Guys,
>
>
> I just acquired a nice original condition BC-610-C last weekend. I need to see if I can
source one of those little conical ceramic heaters used to drop the voltage in tune mode.
Does anybody know where I can find that element? I would also like to find a decent
operators guide (I think TM 11-280?). I can find the repair manual on-line but I can't even
find so much as a photograph of another "C" model on-line.
>
>
> Anybody else have one of these?
>
>
> Gary
> WB9YIR
>

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please notify the sender by replying to this message and then delete it from your system.

[Non-text portions of this message have been removed]

# 5702. Re: [T-368_BC-610] Re: BC-610-C

Yahoo group: T-368_BC-610
Date: 2013-10-31 02:13:01 UTC
From: wa5cab@...
Topic: 5698  Message: 5702

The conical screw-in heating element was used to drop the high B+ up
through the -E model. The two on eBay do appear to be the correct wattage.

TM 11-280 is the technical manual on SCR-299. I have a reprint available.
Includes Change 1. $26.30 plus shipping.

I also have one original (not for sale) of TM 11-4057. If there was any
interest in a decent copy, I would reprint it.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

In a message dated 10/30/2013 15:16:27 PM Central Daylight Time,
ab3ht@... writes:
> cone coil heater Ebay# 261316617350
> 73 Ed
>
> --- In T-368_BC-610@yahoogroups.com, <mail@...> wrote:
> >
> >Guys,
> >
> >
> > I just acquired a nice original condition BC-610-C last weekend. I
> need to see if I can source one of those little conical ceramic heaters used
> to drop the voltage in tune mode. Does anybody know where I can find that
> element? I would also like to find a decent operators guide (I think TM
> 11-280?). I can find the repair manual on-line but I can't even find so much
> as a photograph of another "C" model on-line.
> >
> >
> > Anybody else have one of these?
> >
> >
> > Gary
> > WB9YIR
>

# 5703. Ernst Krenkel/RAEM 110th anniversary

Yahoo group: T-368_BC-610
Date: 2013-12-10 07:20:41 UTC
From: <Roger@...>
Topic: 5703  Message: 5703

I see the Russians are celebrating the 110th anniversary of the birth of Ernst Krenkel, callsign RAEM, who was a famous Arctic radio operator. Krenkel was given all sorts of awards for his actions in saving a polar expedition and he was presented with a BC-610-E for his personal use, see:-

http://raem.srr.ru/books_and_tales/raem_ek_by_ym_r5gm.php

The details of the special-event stations active during December 2013 can be found on:-

http://www.southgatearc.org/news/december2013/special_event_celebrates_soviet_arctic_explorer_and_radio_amateur.htm#.Uqa-keKPMf4

Be fun to work them on a '610, although from the photos it looks as though his TX has seen better days!

73

Roger/G3VKM

# 5704. T-368 Advice

Yahoo group: T-368_BC-610
Date: 2013-12-15 23:00:00 UTC
From: Dave Mayfield
Topic: 5704  Message: 5704

Guys my T-3 is in need of a bit of help. Seems to not have any grid current, when I key up there is a slight amount of grid current on the meter, I have replaced the 4-400 and still the same, there is plate voltage. When I try to attempt to tune the transmitter this is no effect at all by adjusting the Power Amp Loading or the Power amp tuning controls

Any thoughts??

# 5705. Re: [T-368_BC-610] T-368 Advice

Yahoo group: T-368_BC-610
Date: 2013-12-15 23:06:25 UTC
From: Dave Mayfield
Topic: 5704  Message: 5705

Sorry, I meant to say Plate Current......
On 12/15/2013 5:00 PM, Dave Mayfield wrote:
>
> Guys my T-3 is in need of a bit of help. Seems to not have any grid
> current, when I key up there is a slight amount of grid current on the
> meter, I have replaced the 4-400 and still the same, there is plate
> voltage. When I try to attempt to tune the transmitter this is no effect
> at all by adjusting the Power Amp Loading or the Power amp tuning controls
>
> Any thoughts??
>
>
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2012.0.2247 / Virus Database: 3658/6422 - Release Date: 12/15/13
>

--
73 Dave W9WRL
http://www.w9wrl.com/w9wrl
http://www.facebook.com/w9wrl
http://www.facebook.com/qchams
Twitter @w9wrl

# 5706. Re: [T-368_BC-610] T-368 Advice

Yahoo group: T-368_BC-610
Date: 2013-12-16 15:21:24 UTC
From: James M. Walker
Topic: 5704  Message: 5706

Sounds like the drover for the 4-400 is not working! Did you check the connector from the driver chassis to the 4-400?
Jim WB2FCN

----- Original Message -----
From: "Dave Mayfield" <wrl@...>
To: <T-368_BC-610@yahoogroups.com>
Sent: Sunday, December 15, 2013 6:00 PM
Subject: [T-368_BC-610] T-368 Advice

> Guys my T-3 is in need of a bit of help. Seems to not have any grid
> current, when I key up there is a slight amount of grid current on the
> meter, I have replaced the 4-400 and still the same, there is plate
> voltage. When I try to attempt to tune the transmitter this is no effect
> at all by adjusting the Power Amp Loading or the Power amp tuning controls
>
> Any thoughts??
>
>
> ------------------------------------
>
> Yahoo Groups Links
>
>
>
>

# 5707. Re: [T-368_BC-610] T-368 Advice

Yahoo group: T-368_BC-610
Date: 2013-12-18 02:19:15 UTC
From: Dave Mayfield
Topic: 5704  Message: 5707

Turned out to be the Screen by pass cap C5 on the 4-400

Thanks to all who posted advice, it's really nice that we can help each other out..

Dave
On 12/16/2013 9:21 AM, James M. Walker wrote:
>
> Sounds like the drover for the 4-400 is not working! Did you check the
> connector from the driver chassis to the 4-400?
> Jim WB2FCN
>
> ----- Original Message -----
> From: "Dave Mayfield" <wrl@...>
> To: <T-368_BC-610@yahoogroups.com>
> Sent: Sunday, December 15, 2013 6:00 PM
> Subject: [T-368_BC-610] T-368 Advice
>
> > Guys my T-3 is in need of a bit of help. Seems to not have any grid
> > current, when I key up there is a slight amount of grid current on the
> > meter, I have replaced the 4-400 and still the same, there is plate
> > voltage. When I try to attempt to tune the transmitter this is no effect
> > at all by adjusting the Power Amp Loading or the Power amp tuning
> controls
> >
> > Any thoughts??
> >
> >
> > ------------------------------------
> >
> > Yahoo Groups Links
> >
> >
> >
> >
>
>
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2012.0.2247 / Virus Database: 3658/6423 - Release Date: 12/15/13
>

--
73 Dave W9WRL
http://www.w9wrl.com/w9wrl

http://www.facebook.com/w9wrl
http://www.facebook.com/qchams
Twitter @w9wrl

# 5708. T-368 hex wrench

Yahoo group: T-368_BC-610
Date: 2013-12-30 21:40:13 UTC
From: <donrdlph@...>
Topic: 5708  Message: 5708

Hello all,
I am thinking of having some reproduction 3/8 inch T handle hex wrenches fabricated for the T-368.
I am sure that a lot of T-3's have them missing.
I took all of the measurements off of an original one.
My machine shop guy is going to send me a sample unit.
Would there be any interest in anyone purchasing some of these if the price was reasonable?
Just thinking out loud.
Thanks,
Don W9BHI

# 5709. Re: [T-368_BC-610] T-368 hex wrench

Yahoo group: T-368_BC-610
Date: 2013-12-30 23:55:00 UTC
From: commtekman@...
Topic: 5708  Message: 5709

Don,
I would be interested in one-

Bob
K6OSM

In a message dated 12/30/2013 1:40:16 P.M. Pacific Standard Time,
donrdlph@... writes:

Hello all,
I am thinking of having some reproduction 3/8 inch T handle hex wrenches
fabricated for the T-368.
I am sure that a lot of T-3's have them missing.
I took all of the measurements off of an original one.
My machine shop guy is going to send me a sample unit.
Would there be any interest in anyone purchasing some of these if the price
was reasonable?
Just thinking out loud.
Thanks,
Don W9BHI

# 5710. Re: [T-368_BC-610] T-368 hex wrench

Yahoo group: T-368_BC-610
Date: 2013-12-31 19:00:34 UTC
From: Mark J. Blair
Topic: 5708  Message: 5710

On Dec 30, 2013, at 13:40 , donrdlph@... wrote:
> Would there be any interest in anyone purchasing some of these if the price was reasonable?

I would be interested in one. I tried ordering a T-handle wrench from McMaster-Carr of the same style as the one shown in my T-368 manuals, but its handle was about 2x too wide to fit in the storage area on the side of the transmitter.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 5711. RE: T-368 hex wrench

Yahoo group: T-368_BC-610
Date: 2013-12-31 19:14:19 UTC
From: <donrdlph@...>
Topic: 5708  Message: 5711

I will contact all who wanted one when the prototype arrives and I will post a picture of it (if I can)
Thanks,
Don W9BHI

# 5712. Re: [T-368_BC-610] T-368 hex wrench

Yahoo group: T-368_BC-610
Date: 2013-12-31 19:18:32 UTC
From: rbethman
Topic: 5708  Message: 5712

On 12/31/2013 2:00 PM, Mark J. Blair wrote:
>
>
> On Dec 30, 2013, at 13:40 , donrdlph@... wrote:
> > Would there be any interest in anyone purchasing some of these if
> the price was reasonable?
>
> I would be interested in one. I tried ordering a T-handle wrench from
> McMaster-Carr of the same style as the one shown in my T-368 manuals,
> but its handle was about 2x too wide to fit in the storage area on the
> side of the transmitter.
>
> --
> Mark J. Blair, NF6X <nf6x@...>
> http://www.nf6x.net/
>
The caveat I'll throw in is simply that I have never seen a T-368. Only pictures.

One may consider looking at Harbor Freight. Yes, they indeed are cheap. They sell them in sets that are SAE and Metric.

The size could be looked at to determine if it will fit.

It may be an inexpensive way to get there. My son and I both have procured one of these sets.

They have served for years of miscellaneous hobbies and work.

Bob - N0DGN

# 5713. RE: [T-368_BC-610] T-368 hex wrench

Yahoo group: T-368_BC-610
Date: 2013-12-31 20:04:05 UTC
From: kd1yt@...
Topic: 5708  Message: 5713

I can't commit without knowing the price ("reasonable" being in the wallet and mind of the beholder) but please keep me informed.

Happy New Year and safe and enjoyable boatanchor-ing to all

73
Trevor
KD1YT

-----Original Message-----
From: donrdlph@...
Sent: Monday, December 30, 2013 4:40pm
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] T-368 hex wrench

Hello all,
I am thinking of having some reproduction 3/8 inch T handle hex wrenches fabricated for the T-368.
I am sure that a lot of T-3's have them missing.
I took all of the measurements off of an original one.
My machine shop guy is going to send me a sample unit.
Would there be any interest in anyone purchasing some of these if the price was reasonable?
Just thinking out loud.
Thanks,
Don W9BHI

# 5714. BC-610/BC-614 interconnect cable

Yahoo group: T-368_BC-610
Date: 2013-12-31 21:20:58 UTC
From: <w0ir@...>
Topic: 5714  Message: 5714

I just pulled my BC0610-I out of storage and can not find the interconnect cable, so I need to make a new one. I have the BC-614 manual, but it does not show if the 2 audio leads are in a separate shielded cable inside the harness. Does anyone remember if they were? Also if anyone has a spare interconnect cable they want to part with, please let me know. Thanks
Dale W0IR w0ir@comcast.net

# 5715. Re: [T-368_BC-610] T-368 hex wrench

Yahoo group: T-368_BC-610
Date: 2013-12-31 22:02:16 UTC
From: Mark J. Blair
Topic: 5708  Message: 5715

On Dec 31, 2013, at 11:18 , rbethman <rbethman@...> wrote:
> The caveat I'll throw in is simply that I have never seen a T-368. Only pictures.
>
> One may consider looking at Harbor Freight. Yes, they indeed are cheap. They sell them in sets that are SAE and Metric.

The original hex wrench for a T-368 is a bent-in-a-loop T-handle style with an uncommonly narrow handle. There's a pair of clips in one of the handle indents to stow it. Any old 3/8" hex wrench will turn the screws, but nothing at Harbor Freight is similar to the original or will fit in the storage clips. This is something that would be of interest to folks like me who wish to replicate the original T-368 kit.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 5716. Re: [T-368_BC-610] T-368 hex wrench

Yahoo group: T-368_BC-610
Date: 2013-12-31 22:30:59 UTC
From: rbethman
Topic: 5708  Message: 5716

On 12/31/2013 5:02 PM, Mark J. Blair wrote:
>
>
> On Dec 31, 2013, at 11:18 , rbethman <rbethman@...> wrote:
> > The caveat I'll throw in is simply that I have never seen a T-368.
> Only pictures.
> >
> > One may consider looking at Harbor Freight. Yes, they indeed are
> cheap. They sell them in sets that are SAE and Metric.
>
> The original hex wrench for a T-368 is a bent-in-a-loop T-handle style
> with an uncommonly narrow handle. There's a pair of clips in one of
> the handle indents to stow it. Any old 3/8" hex wrench will turn the
> screws, but nothing at Harbor Freight is similar to the original or
> will fit in the storage clips. This is something that would be of
> interest to folks like me who wish to replicate the original T-368 kit.
>
> --
> Mark J. Blair, NF6X <nf6x@...>
> http://www.nf6x.net/
>
Mark,

I did say that I've never seen a dyed the wool live T-368. My comment
was just a "possible" alternative. I certainly have not seen the
tool(s) that they came with.

This is like finding the original tools that were in clips on the back
chassis panel on R-390s and R-390As. These being the original Bristol
Spline wrench and Phillips screwdriver. The term "as rare as hen's
teeth" comes to mind.

Bob - N0DGN

# 5717. Re: [T-368_BC-610] T-368 hex wrench

Yahoo group: T-368_BC-610
Date: 2013-12-31 23:29:00 UTC
From: kd1yt@...
Topic: 5708  Message: 5717

The 390/390A wrenches do indeed exist, and I have one, bought from a guy who worked for the Signal Corps and acquired a batch of NOS ones that were getting thrown away some time in the '70s. If only the little Bristol bolts and setscrews on my 390A hadn't been buggered up by attempts with ordinary hex wrenches...

-----Original Message-----
From: "rbethman" <rbethman@comcast.net>

This is like finding the original tools that were in clips on the back chassis panel on R-390s and R-390As. These being the original Bristol Spline wrench and Phillips screwdriver. The term "as rare as hen's teeth" comes to mind.

# 5718. Re: [T-368_BC-610] T-368 hex wrench

Yahoo group: T-368_BC-610
Date: 2014-01-01 02:37:43 UTC
From: mac
Topic: 5708  Message: 5718

Mark et-al,

Never seen an example of the original item. Do have a "T" handle unit
I use but different style.

Dennis D. W7QHO
Glendale, CA

**********
On Dec 31, 2013, at 2:02 PM, Mark J. Blair wrote:

>
> On Dec 31, 2013, at 11:18 , rbethman <rbethman@...> wrote:
> > The caveat I'll throw in is simply that I have never seen a T-368.
> Only pictures.
> >
> > One may consider looking at Harbor Freight. Yes, they indeed are
> cheap. They sell them in sets that are SAE and Metric.
>
> The original hex wrench for a T-368 is a bent-in-a-loop T-handle
> style with an uncommonly narrow handle. There's a pair of clips in
> one of the handle indents to stow it. Any old 3/8" hex wrench will
> turn the screws, but nothing at Harbor Freight is similar to the
> original or will fit in the storage clips. This is something that
> would be of interest to folks like me who wish to replicate the
> original T-368 kit.
>
> --
> Mark J. Blair, NF6X <nf6x@...>
> http://www.nf6x.net/
>
>

# 5719. Re: [T-368_BC-610] T-368 hex wrench

Yahoo group: T-368_BC-610
Date: 2014-01-01 03:12:43 UTC
From: Gene Beckwith
Topic: 5708  Message: 5719

I would be interested in one...maybe two....depending price...

Gene W8KXR

On 12/30/2013 4:40 PM, donrdlph@... wrote:
>
> Hello all,
>
> I am thinking of having some reproduction 3/8 inch T handle hex
> wrenches fabricated for the T-368.
>
> I am sure that a lot of T-3's have them missing.
>
> I took all of the measurements off of an original one.
>
> My machine shop guy is going to send me a sample unit.
>
> Would there be any interest in anyone purchasing some of these if the
> price was reasonable?
>
> Just thinking out loud.
>
> Thanks,
>
> Don W9BHI
>
>

# 5720. Re: [T-368_BC-610] T-368 hex wrench

Yahoo group: T-368_BC-610
Date: 2014-01-01 03:51:14 UTC
From: Mike Feher
Topic: 5708  Message: 5720

I was fortunate in that my T3 that I got about 30 years ago had an original with it. 73 & HNY to all - Mike

Sent from my iPad

On Dec 31, 2013, at 9:37 PM, mac <w7qho@...> wrote:

> Mark et-al,
>
>
> Never seen an example of the original item. Do have a "T" handle unit I use but different style.
>
> Dennis D. W7QHO
> Glendale, CA
>
> **********
>
> On Dec 31, 2013, at 2:02 PM, Mark J. Blair wrote:
>
>>
>>
>> On Dec 31, 2013, at 11:18 , rbethman <rbethman@...> wrote:
>> > The caveat I'll throw in is simply that I have never seen a T-368. Only pictures.
>> >
>> > One may consider looking at Harbor Freight. Yes, they indeed are cheap. They sell them in sets that are SAE and Metric.
>>
>> The original hex wrench for a T-368 is a bent-in-a-loop T-handle style with an uncommonly narrow handle. There's a pair of clips in one of the handle indents to stow it. Any old 3/8" hex wrench will turn the screws, but nothing at Harbor Freight is similar to the original or will fit in the storage clips. This is something that would be of interest to folks like me who wish to replicate the original T-368 kit.
>>
>> --
>> Mark J. Blair, NF6X <nf6x@...>
>> http://www.nf6x.net/
>
>

# 5721. Re: [T-368_BC-610] BC-610/BC-614 interconnect cable

Yahoo group: T-368_BC-610
Date: 2014-01-01 04:54:14 UTC
From: wa5cab@...
Topic: 5714  Message: 5721

Not according to SIG 5. CD-764, (Sig. Stk. Nr. 3E1764) 0.437" dia. C/o seven #20 tinned copper conductors, cotton over rubber insulation, single shield around wire bundle, 14' LOA. Amphenol octal connectors each end. I think I still have some of the connectors available.

I haven't seen a CD-764 for sale in maybe 15 years.

In a message dated 12/31/2013 15:20:59 PM Central Standard Time,
w0ir@... writes:
> I just pulled my BC0610-I out of storage and can not find the
> interconnect cable, so I need to make a new one. I have the BC-614 manual, but it does
> not show if the 2 audio leads are in a separate shielded cable inside the
> harness. Does anyone remember if they were? Also if anyone has a spare
> interconnect cable they want to part with, please let me know. Thanks Dale W0IR
> w0ir@...

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

# 5722. Re: [T-368_BC-610] T-368 hex wrench

Yahoo group: T-368_BC-610
Date: 2014-01-01 17:36:12 UTC
From: Mark J. Blair
Topic: 5708  Message: 5722

On Dec 31, 2013, at 19:51 , Mike Feher <n4fs@...> wrote:
> I was fortunate in that my T3 that I got about 30 years ago had an original with it. 73 & HNY to all - Mike

Would you be willing to share pictures and measurements of the tool?

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 5723. RE: [T-368_BC-610] T-368 hex wrench

Yahoo group: T-368_BC-610
Date: 2014-01-01 17:40:24 UTC
From: Mike Feher
Topic: 5708  Message: 5723

Mark -

Sure. I'll try to be brave, and go down in the basement later and try and find it. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Mark J. Blair
Sent: Wednesday, January 01, 2014 12:36 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] T-368 hex wrench

On Dec 31, 2013, at 19:51 , Mike Feher <n4fs@...> wrote:
> I was fortunate in that my T3 that I got about 30 years ago had an original with it. 73 & HNY to all - Mike

Would you be willing to share pictures and measurements of the tool?

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 5724. Re: [T-368_BC-610] T-368 hex wrench

Yahoo group: T-368_BC-610
Date: 2014-01-01 18:08:00 UTC
From: Gene Beckwith
Topic: 5708  Message: 5724

Not a frequent responder to the T-3 postings...but, the possible production of some authentic wrenches is intriguing....*In days of old, the Bristol Wrench and Philips screw driver that were custom tools for the R-390x's were produced by someone on that thread...quite a few years ago...Don't remember who made them and made them available to the group...there was much excitement and I think all were sold on a pre order to justify cost of the project...**
**
**If the T-3 wrench project comes to pass...would be interested in Two. . .**
**
**de W8KXR **
**
**Gene in Ohio**
**
*
*On 01/01/2014 12:40 PM, Mike Feher wrote:*
>
> Mark --
>
> Sure. I'll try to be brave, and go down in the basement later and try
> and find it. 73 -- Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*T-368_BC-610@yahoogroups.com
> [mailto:T-368_BC-610@yahoogroups.com] *On Behalf Of *Mark J. Blair
> *Sent:* Wednesday, January 01, 2014 12:36 PM
> *To:* T-368_BC-610@yahoogroups.com
> *Subject:* Re: [T-368_BC-610] T-368 hex wrench
>
>
> On Dec 31, 2013, at 19:51 , Mike Feher <n4fs@...
> <mailto:n4fs@...>> wrote:
> > I was fortunate in that my T3 that I got about 30 years ago had an
> original with it. 73 & HNY to all - Mike
>
> Would you be willing to share pictures and measurements of the tool?
>

> --
> Mark J. Blair, NF6X <nf6x@... <mailto:nf6x@...>>
> http://www.nf6x.net/
>
>

# 5725. Re: [T-368_BC-610] T-368 hex wrench

Yahoo group: T-368_BC-610
Date: 2014-01-01 18:24:46 UTC
From: Mark J. Blair
Topic: 5708  Message: 5725

Just to be clear: Are we all talking about the T-handle 3/8" hex wrench that clips into one of the handle impressions on the side of the T-368 cabinet, and is used on the big socket head screws that secure each drawer in the cabinet?

I do not recall whether it should also have any small spline wrenches clipped inside. If it should, then I would also be interested in originals or reproductions of those, as well as originals or reproductions of the tools that should be clipped on the back of the R-390A receiver.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 5726. RE: [T-368_BC-610] BC-610/BC-614 interconnect cable

Yahoo group: T-368_BC-610
Date: 2014-01-01 18:45:19 UTC
From: w0r
Topic: 5714  Message: 5726

Hi Robert

Thanks for your response. I wasn't sure of the wire size. Built a new interconnecting cable this morning in used shielded audio cable for the audio lines and #20 for the balance of the cable. Cable laced it all together and got good audio reports on 3730 when I tried it out.

Now that I built the new one I am sure to come across the original one. Lol.

Thanks again and have a great new year.

73's

Dale W0IR.

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of wa5cab@...
Sent: Tuesday, December 31, 2013 10:54 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] BC-610/BC-614 interconnect cable

Not according to SIG 5. CD-764, (Sig. Stk. Nr. 3E1764) 0.437" dia. C/o seven #20 tinned copper conductors, cotton over rubber insulation, single shield around wire bundle, 14' LOA. Amphenol octal connectors each end. I think I still have some of the connectors available.

I haven't seen a CD-764 for sale in maybe 15 years.

In a message dated 12/31/2013 15:20:59 PM Central Standard Time, w0ir@... writes:

I just pulled my BC0610-I out of storage and can not find the interconnect cable, so I need to make a new one. I have the BC-614 manual, but it does not show if the 2 audio leads are in a separate shielded cable inside the harness. Does anyone remember if they were? Also if anyone has a spare interconnect cable they want to part with, please let me know. Thanks Dale W0IR w0ir@...

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

# 5727. Re: [T-368_BC-610] BC-610/BC-614 interconnect cable

Yahoo group: T-368_BC-610
Date: 2014-01-01 20:55:41 UTC
From: wa5cab@...
Topic: 5714  Message: 5727

You're welcome. That's probably what I would have done as well.

In a message dated 01/01/2014 12:45:06 PM Central Standard Time,
w0ir@... writes:
>
> Hi Robert
>
> Thanks for your response. I wasn’t sure of the wire size. Built a new
> interconnecting cable this morning in used shielded audio cable for the audio
> lines and #20 for the balance of the cable. Cable laced it all together
> and got good audio reports on 3730 when I tried it out.
>
> Now that I built the new one I am sure to come across the original one.
> Lol .
>
> Thanks again and have a great new year.
>
> 73’s
> Dale W0IR.
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

# 5728. Re: [T-368_BC-610] T-368 hex wrench

Yahoo group: T-368_BC-610
Date: 2014-01-02 15:28:32 UTC
From: Don Rudolph
Topic: 5708  Message: 5728

The original wrench that I saw was not bent in a loop.
It was a T-handle type.

Don

# 5729. Re: [T-368_BC-610] T-368 hex wrench

Yahoo group: T-368_BC-610
Date: 2014-01-02 15:37:31 UTC
From: Don Rudolph
Topic: 5708  Message: 5729

Mark,
This is the hex wrench that is stored in clips on the right side of the cabinet in the recess where the handle resides.
There are no other tools that I know of that came with the T-368.
Also, there are no spline type set screws on my TRW made T-368F.

Don

# 5730. RE: [T-368_BC-610] T-368 hex wrench

Yahoo group: T-368_BC-610
Date: 2014-01-02 16:17:06 UTC
From: Mike Feher
Topic: 5708  Message: 5730

Well, I did build up my courage and ventured down into the basement. I had no hope of finding the T, but, I lucked out and found it, stuck into one of the hex screws on my T-368F. Almost 6 years ago, my water heater bottom fell out, and, I wound up with 2 inches of water, evenly distributed, on the floor of my 2000 sq. ft. basement. Everything ferrous of course suffered, along with many other items. I just took a quick photo of the wrench and will try and attach it. I can take a better photo and measurements later, if there is an interest. If the reflector will not allow attachments, I will soon find out, maybe someone will volunteer to host it. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Mike Feher
Sent: Wednesday, January 01, 2014 12:40 PM
To: T-368_BC-610@yahoogroups.com
Subject: RE: [T-368_BC-610] T-368 hex wrench

Mark -

Sure. I'll try to be brave, and go down in the basement later and try and find it. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Mark J. Blair
Sent: Wednesday, January 01, 2014 12:36 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] T-368 hex wrench

On Dec 31, 2013, at 19:51 , Mike Feher <n4fs@...> wrote:
> I was fortunate in that my T3 that I got about 30 years ago had an original with it. 73 & HNY to all - Mike

Would you be willing to share pictures and measurements of the tool?

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

[Non-text portions of this message have been removed]

# 5731. RE: [T-368_BC-610] T-368 hex wrench

Yahoo group: T-368_BC-610
Date: 2014-01-02 16:19:31 UTC
From: Mike Feher
Topic: 5708  Message: 5731

Well, I found out. No attachments. I will gladly send the photo to someone who can host it. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Mike Feher
Sent: Thursday, January 02, 2014 11:17 AM
To: T-368_BC-610@yahoogroups.com
Subject: RE: [T-368_BC-610] T-368 hex wrench

Well, I did build up my courage and ventured down into the basement. I had no hope of finding the T, but, I lucked out and found it, stuck into one of the hex screws on my T-368F. Almost 6 years ago, my water heater bottom fell out, and, I wound up with 2 inches of water, evenly distributed, on the floor of my 2000 sq. ft. basement. Everything ferrous of course suffered, along with many other items. I just took a quick photo of the wrench and will try and attach it. I can take a better photo and measurements later, if there is an interest. If the reflector will not allow attachments, I will soon find out, maybe someone will volunteer to host it. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Mike Feher
Sent: Wednesday, January 01, 2014 12:40 PM
To: T-368_BC-610@yahoogroups.com
Subject: RE: [T-368_BC-610] T-368 hex wrench

Mark -

Sure. I'll try to be brave, and go down in the basement later and try and find it. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Mark J. Blair
Sent: Wednesday, January 01, 2014 12:36 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] T-368 hex wrench

On Dec 31, 2013, at 19:51 , Mike Feher <n4fs@...> wrote:
> I was fortunate in that my T3 that I got about 30 years ago had an original with it. 73 & HNY to all - Mike

Would you be willing to share pictures and measurements of the tool?

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

[Non-text portions of this message have been removed]

# 5732. RE: [T-368_BC-610] T-368 hex wrench

Yahoo group: T-368_BC-610
Date: 2014-01-02 16:30:46 UTC
From: Mike Feher
Topic: 5708  Message: 5732

I figured out that there is a photo section, so, I uploaded this lousy initial photo to the N4FS album. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Mike Feher
Sent: Thursday, January 02, 2014 11:20 AM
To: T-368_BC-610@yahoogroups.com
Subject: RE: [T-368_BC-610] T-368 hex wrench

Well, I found out. No attachments. I will gladly send the photo to someone who can host it. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Mike Feher
Sent: Thursday, January 02, 2014 11:17 AM
To: T-368_BC-610@yahoogroups.com
Subject: RE: [T-368_BC-610] T-368 hex wrench

Well, I did build up my courage and ventured down into the basement. I had no hope of finding the T, but, I lucked out and found it, stuck into one of the hex screws on my T-368F. Almost 6 years ago, my water heater bottom fell out, and, I wound up with 2 inches of water, evenly distributed, on the floor of my 2000 sq. ft. basement. Everything ferrous of course suffered, along with many other items. I just took a quick photo of the wrench and will try and attach it. I can take a better photo and measurements later, if there is an interest. If the reflector will not allow attachments, I will soon find out, maybe someone will volunteer to host it. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Mike Feher
Sent: Wednesday, January 01, 2014 12:40 PM
To: T-368_BC-610@yahoogroups.com
Subject: RE: [T-368_BC-610] T-368 hex wrench

Mark -

Sure. I'll try to be brave, and go down in the basement later and try and find it. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Mark J. Blair
Sent: Wednesday, January 01, 2014 12:36 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] T-368 hex wrench

On Dec 31, 2013, at 19:51 , Mike Feher <n4fs@...> wrote:
> I was fortunate in that my T3 that I got about 30 years ago had an original with it. 73 & HNY to all - Mike

Would you be willing to share pictures and measurements of the tool?

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

[Non-text portions of this message have been removed]

# 5733. Re: [T-368_BC-610] T-368 hex wrench

Yahoo group: T-368_BC-610
Date: 2014-01-02 18:48:13 UTC
From: mac
Topic: 5708  Message: 5733

Hmmmm..... I've got that one but it doesn't fit into the clips on
the cabinet as I recall. Will go down to the shack and check again.

Dennis D. W7QHO
Glendale, CA

**********
On Jan 2, 2014, at 8:30 AM, Mike Feher wrote:

>
> I figured out that there is a photo section, so, I uploaded this
> lousy initial photo to the N4FS album. 73 – Mike
>
>
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
>
>
> From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com
> ] On Behalf Of Mike Feher
> Sent: Thursday, January 02, 2014 11:20 AM
> To: T-368_BC-610@yahoogroups.com
> Subject: RE: [T-368_BC-610] T-368 hex wrench
>
>
>
>
>
>

# 5734. RE: [T-368_BC-610] T-368 hex wrench

Yahoo group: T-368_BC-610
Date: 2014-01-02 19:10:20 UTC
From: Mike Feher
Topic: 5708  Message: 5734

Mine is a T-368F by TRW and it fits into the side clips just fine. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of mac
Sent: Thursday, January 02, 2014 1:48 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] T-368 hex wrench

Hmmmm..... I've got that one but it doesn't fit into the clips on the cabinet as I recall. Will go down to the shack and check again.

Dennis D. W7QHO

Glendale, CA

**********

On Jan 2, 2014, at 8:30 AM, Mike Feher wrote:

I figured out that there is a photo section, so, I uploaded this lousy initial photo to the N4FS album. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of Mike Feher
Sent: Thursday, January 02, 2014 11:20 AM
To: T-368_BC-610@yahoogroups.com
Subject: RE: [T-368_BC-610] T-368 hex wrench

# 5735. Re: [T-368_BC-610] T-368 hex wrench

Yahoo group: T-368_BC-610
Date: 2014-01-02 19:31:48 UTC
From: mac
Topic: 5708  Message: 5735

Yes it does actually. Didn't get my wrench with the T-368 and until
today both the clips on the side of the cabinet had been oriented
horizontally and I never paid much attention to them. Just rotated
both 90 degrees and the wrench fits FB!
Trying to post a picture but am having trouble with the site....

Dennis D. W7QHO
Glendale, CA

**********
On Jan 2, 2014, at 11:10 AM, Mike Feher wrote:

>
> Mine is a T-368F by TRW and it fits into the side clips just fine.
> 73 – Mike
>
>
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
>
>
> From: T-368_BC-610@yahoogroups.com [mailt o:T-368_BC-610@yahoogroups.com
> ] On Behalf Of mac
> Sent: Thursday, January 02, 2014 1:48 PM
> To: T-368_BC-610@yahoogroups.com
> Subject: Re: [T-368_BC-610] T-368 hex wrench
>
>
>
>
>
>
> Hmmmm..... I've got that one but it doesn't fit into the clips on
> the cabinet as I recall. Will go down to the shack and check again.
>
>
>
> Dennis D. W7QHO
>
> Glendale, CA

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> **********
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> On Jan 2, 2014, at 8:30 AM, Mike Feher wrote:
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> I figured out that there is a photo section, so, I uploaded this
> lousy initial photo to the N4FS album. 73 – Mike
>
>
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
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>
>
> From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com
> ] On Behalf Of Mike Feher
> Sent: Thursday, January 02, 2014 11:20 AM
> To: T-368_BC-610@yahoogroups.com
> Subject: RE: [T-368_BC-610] T-368 hex wrench
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# 5736. Re: [T-368_BC-610] T-368 hex wrench

Yahoo group: T-368_BC-610
Date: 2014-01-02 19:54:06 UTC
From: Mark J. Blair
Topic: 5708  Message: 5736

On Jan 2, 2014, at 07:28 , Don Rudolph <donrdlph@...> wrote:
> The original wrench that I saw was not bent in a loop.
> It was a T-handle type.

I assumed the bent-in-a-loop style based on the line drawings in one of my manuals that I saw (unless I fabricated that memory, which is also possible). I haven't seen an actual confirmed original tool in real life. It's entirely possible, of course, that the line drawing in the manual doesn't match the real wrench. Maybe the draftsman was told "draw a T-handle hex wrench" but wasn't shown the one that would be included with the transmitter? Or maybe the type of wrench included varied over time, or between manufacturers.

The T-handle type that was just posted would be easier to fabricate.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 5737. Re: [T-368_BC-610] T-368 hex wrench

Yahoo group: T-368_BC-610
Date: 2014-01-02 20:32:14 UTC
From: Don Rudolph
Topic: 5708  Message: 5737

The picture that was posted is the exact same thing I am having a sample made of.

Don W9BHI

# 5738. Re: [T-368_BC-610] T-368 hex wrench

Yahoo group: T-368_BC-610
Date: 2014-01-02 21:14:35 UTC
From: Gary Norman
Topic: 5708  Message: 5738

Don,
I'm also interested in one.

Thanks,
Gary
W1PG

On 12/30/2013 4:40 PM, donrdlph@... wrote:
>
> Hello all,
>
> I am thinking of having some reproduction 3/8 inch T handle hex
> wrenches fabricated for the T-368.
>
> I am sure that a lot of T-3's have them missing.
>
> I took all of the measurements off of an original one.
>
> My machine shop guy is going to send me a sample unit.
>
> Would there be any interest in anyone purchasing some of these if the
> price was reasonable?
>
> Just thinking out loud.
>
> Thanks,
>
> Don W9BHI
>
>

# 5739. Re: [T-368_BC-610] T-368 hex wrench

Yahoo group: T-368_BC-610
Date: 2014-01-03 06:36:31 UTC
From: mac
Topic: 5708  Message: 5739

FINALLY got Yahoo Groups to take the wrench picture. Go to photos and page down to my album.

Dennis D. W7QHO
Glendale, CA

**********

>
>
> Begin forwarded message:
>
>> From: mac <w7qho@...>
>> Date: January 2, 2014 11:47:34 AM PST
>> To: Mike Feher <n4fs@...>, NF6X Blair Mark <nf6x@...>,
>> Don Rudolph <donrdlph@...>, Gene Beckwith <w8kxr@...>,
>> w9bhi <donrdlph@...>
>> Subject: Re: [T-368_BC-610] T-368 hex wrench
>>
>>
>> For some reason the damn site won't let me add this picture.
>> Didn't know I had an original item until this thread started.......
>>
>> Dennis D. W7QHO
>> Glendale, CA
>>
>>
>>

# 5740. Strange Fuse holder and disconnected S4

Yahoo group: T-368_BC-610
Date: 2014-01-08 00:23:43 UTC
From: K3PID
Topic: 5612  Message: 5740

I am going over my T3 looking to see what has been done to it over the years and I discovered an apparently unused fuse holder mounted to the vertical divider panel of the RF deck just above the oscillator multiplier assembly. It looks like it would hold a 3/8" dia cartridge fuse but there is nothing in it nor are there any wires to it. Any ideas about why it is there? Also, someone has cut the wires to the microswitch S4 which opens when the PA Band Switch is between stops. The switch appears to be fully functional but they have cut it out of the circuit shorting the wires together. Any ideas why?

Just trying to figure it all out....hi hi

Ron K3PID

# 5741. Re: [T-368_BC-610] Strange Fuse holder and disconnected S4

Yahoo group: T-368_BC-610
Date: 2014-01-08 01:37:22 UTC
From: mac
Topic: 5612  Message: 5741

You'll go nuts trying to figure out most old ham mods to
equipment..... :^(

Dennis D. W7QHO
Glendale, CA

**********
On Jan 7, 2014, at 4:23 PM, K3PID wrote:

> I am going over my T3 looking to see what has been done to it over
> the years
> and I discovered an apparently unused fuse holder mounted to the
> vertical
> divider panel of the RF deck just above the oscillator multiplier
> assembly.
> It looks like it would hold a 3/8" dia cartridge fuse but there is
> nothing
> in it nor are there any wires to it. Any ideas about why it is
> there? Also,
> someone has cut the wires to the microswitch S4 which opens when the
> PA Band
> Switch is between stops. The switch appears to be fully functional
> but they
> have cut it out of the circuit shorting the wires together. Any
> ideas why?
>
> Just trying to figure it all out....hi hi
>
> Ron K3PID
>
>

# 5742. Re: [T-368_BC-610] Strange Fuse holder and disconnected S4

Yahoo group: T-368_BC-610
Date: 2014-01-08 13:11:21 UTC
From: Dave Mayfield
Topic: 5612  Message: 5742

Dennis, I wanted to let you know that I got the T-3 Back together and working perfectly again, thanks to your help last month. The caps I order from a vendor in Russia came in on Monday, and Monday night I was enjoying a QSO with a guy on the West coast!

73 Dave W9WRL

> Yahoo! Groups
> <http://groups.yahoo.com/;_ylc=X3oDMTJjZXI5azF2BF9TAzk3NDc2NTkwBGdycElkAzI3Njk0NgRncnBzcElkAzE3MDUwMzQ2OTAEc2VjA2Z0cgRzbGsDZ2ZwBHN0aW1lAzEzODkxNDUwNDU->
>
> Switch to: Text-Only
> <mailto:T-368_BC-610-traditional@yahoogroups.com?subject=Change%20Delivery%20Format:%20Traditional>,
> Daily Digest
> <mailto:T-368_BC-610-digest@yahoogroups.com?subject=Email%20Delivery:%20Digest>
> ? Unsubscribe
> <mailto:T-368_BC-610-unsubscribe@yahoogroups.com?subject=Unsubscribe>
> ? Terms of Use <http://info.yahoo.com/legal/us/yahoo/utos/terms/> ?
> Send us Feedback
> <mailto:ygroupsnotifications@yahoogroups.com?subject=Feedback%20on%20the%20redesigned%20individual%20mail%20v1>
> .
>
>
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2012.0.2247 / Virus Database: 3658/6484 - Release Date: 01/07/14
>

--
73 Dave W9WRL
http://www.w9wrl.com/w9wrl
http://www.facebook.com/w9wrl
http://www.facebook.com/qchams
Twitter @w9wrl

# 5743. Re: [T-368_BC-610] Strange Fuse holder and disconnected S4

Yahoo group: T-368_BC-610
Date: 2014-01-08 18:53:32 UTC
From: mac
Topic: 5612  Message: 5743

Dave,

FB! Glad I could help.

Dennis D. W7QHO
Glendale, CA

**********
On Jan 8, 2014, at 5:11 AM, Dave Mayfield wrote:

> Dennis, I wanted to let you know that I got the T-3 Back together
> and working perfectly again, thanks to your help last month. The
> caps I order from a vendor in Russia came in on Monday, and Monday
> night I was enjoying a QSO with a guy on the West coast!
>
> 73 Dave W9WRL
>
> .
>
>
>

# 5744. Re: [T-368_BC-610] Strange Fuse holder and disconnected S4

Yahoo group: T-368_BC-610
Date: 2014-01-08 22:00:39 UTC
From: K3PID
Topic: 5612  Message: 5744

Well if I go nuts, it will be a short trip...

Ron K3PID

[Non-text portions of this message have been removed]

# 5745. T-368 Hex wrench

Yahoo group: T-368_BC-610
Date: 2014-01-09 01:07:33 UTC
From: <donrdlph@...>
Topic: 5745  Message: 5745

The samples have arrived and they look exactly like the original.
I have 6 and will part with 5.
I can have more made but only in batches of 10.
I think $15.00 each plus shipping is a fair price to pay for a custom made piece.
I don't know how to post a picture here for all to see.
To be fair, I have a list of hams that said they would want one in order of date that I received their messages:

Bob K6OSM
Mark NF6X
Trevor KD1YT
Gene W8KXR
Gary W1PG

If there are more than 5 more requests, I will have another batch made.

Please send me an Email using the address on my QRZ lookup page and I can send you a picture.
Thanks,
Don W9BHI

# 5746. RE: [T-368_BC-610] T-368 Hex wrench

Yahoo group: T-368_BC-610
Date: 2014-01-09 01:16:23 UTC
From: Meir WF2U
Topic: 5745  Message: 5746

Hi Bob,

Please put me down for a wrench.

Thanks,

73, Meir WF2U

Landrum, SC

_____

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of donrdlph@...
Sent: Wednesday, January 08, 2014 8:08 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] T-368 Hex wrench

The samples have arrived and they look exactly like the original.

I have 6 and will part with 5.

I can have more made but only in batches of 10.

I think $15.00 each plus shipping is a fair price to pay for a custom made piece.

I don't know how to post a picture here for all to see.

To be fair, I have a list of hams that said they would want one in order of date that

I received their messages:

Bob K6OSM

Mark NF6X

Trevor KD1YT

Gene W8KXR

Gary W1PG

If there are more than 5 more requests, I will have another batch made.

Please send me an Email using the address on my QRZ lookup page and I can send you a picture.

Thanks,

Don W9BHI

# 5747. RE: [T-368_BC-610] T-368 Hex wrench

Yahoo group: T-368_BC-610
Date: 2014-01-09 04:47:55 UTC
From: kd1yt@...
Topic: 5745  Message: 5747

Don, thank you for doing this, and I think your proposed price of $15 is very reasonable.

Let me know how you would like payment (check? Postal Money Order?), what you estimate for shipping, and where to send payment to.

Thanks & 73
Trevor
KD1YT

-----Original Message-----
From: donrdlph@yahoo.com
Sent: Wednesday, January 8, 2014 8:07pm
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] T-368 Hex wrench

The samples have arrived and they look exactly like the original.
I have 6 and will part with 5.
I can have more made but only in batches of 10.
I think $15.00 each plus shipping is a fair price to pay for a custom made piece.
I don't know how to post a picture here for all to see.
To be fair, I have a list of hams that said they would want one in order of date that
I received their messages:

Bob K6OSM
Mark NF6X
Trevor KD1YT
Gene W8KXR
Gary W1PG

If there are more than 5 more requests, I will have another batch made.

Please send me an Email using the address on my QRZ lookup page and I can send you a picture.
Thanks,
Don W9BHI

# 5748. Re: [T-368_BC-610] T-368 Hex wrench

Yahoo group: T-368_BC-610
Date: 2014-01-09 14:43:47 UTC
From: Don Allison
Topic: 5745  Message: 5748

I didn't see my name on the list but I did tell you that I'd be interested
in getting one myself so if I didn't make the first list add me to the
second list ... Thanks for stepping up and doing this

73 Don WC4D

On Wed, Jan 8, 2014 at 8:07 PM, <donrdlph@...> wrote:

>
>
> The samples have arrived and they look exactly like the original.
>
> I have 6 and will part with 5.
>
> I can have more made but only in batches of 10.
>
> I think $15.00 each plus shipping is a fair price to pay for a custom made
> piece.
>
> I don't know how to post a picture here for all to see.
>
> To be fair, I have a list of hams that said they would want one in order
> of date that
>
> I received their messages:
>
>
> Bob K6OSM
>
> Mark NF6X
>
> Trevor KD1YT
>
> Gene W8KXR
>
> Gary W1PG
>
>
> If there are more than 5 more requests, I will have another batch made.
>
>
> Please send me an Email using the address on my QRZ lookup page and I can
> send you a picture.
>
> Thanks,
>

> Don W9BHI
>
>
>
>

# 5749. T-368 Hex wrench

Yahoo group: T-368_BC-610
Date: 2014-01-10 01:00:25 UTC
From: <donrdlph@...>
Topic: 5745  Message: 5749

I have got more responses than wrenches but never fear, I have placed an order for 10 more. I had asked in a previous email that you contact me at my email address on my QRZ page if you want one of these wrenches for $18.00 shipped to your door.
I am going to ship only one per customer for now being that I only have 5 to sell but after the next 10 show up , I will ship more.

Thanks,
Don W9BHI

# 5750. T-368 REC-TR CONTROL CONNECTOR ASSEMBLY

Yahoo group: T-368_BC-610
Date: 2014-01-12 00:17:01 UTC
From: N Hairston
Topic: 5750  Message: 5750

I need to replace the Break-In control Cable between The T-3 and my R-390A but do not readily see a way to disassemble the REC-TR Cont Plug nor do I find the info in my documentation. Can someone lend some guidance here?

Harold

# 5751. Re: [T-368_BC-610] T-368 REC-TR CONTROL CONNECTOR ASSEMBLY

Yahoo group: T-368_BC-610
Date: 2014-01-12 00:24:54 UTC
From: wa5cab@...
Topic: 5750  Message: 5751

It depends upon (assuming you have an original) whether the connector is dogbone or cathedral style. Cathedral comes apart by remove three screws and splitting the back of of the plug. Dogbone style requires a special 3-pin cylindrical spanner to unscrew the externally threaded ring that holds the guts in. Fair used to sell sets of the spanners.

In a message dated 01/11/2014 18:17:10 PM Central Standard Time,
k4hca@... writes:
> I need to replace the Break-In control Cable between The T-3 and my
> R-390A but do not readily see a way to disassemble the REC-TR Cont Plug
> nor do I find the info in my documentation. Can someone lend some
> guidance here?
>
> Harold

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

# 5752. Re: [T-368_BC-610] T-368 REC-TR CONTROL CONNECTOR ASSEMBLY

Yahoo group: T-368_BC-610
Date: 2014-01-12 03:49:29 UTC
From: N Hairston
Topic: 5750  Message: 5752

Hello,Robert;

We have communicated in times past but not in last couple of years. Were you the person who printed and distributed the NAVSHIPS R-390A Manual?

*I have three of the connectors in question. All are "L" shaped and have the external threaded, ring cover plate with four (4) slots that I assume would require the spanner wrench. One has this cover plate removed but I see no means of further disassembling the unit. Could you possibly amplify on further dis-assembly.**
*
Gratefully,

Harold

On 1/11/2014 7:24 PM, wa5cab@... wrote:
>
> It depends upon (assuming you have an original) whether the connector
> is dogbone or cathedral style. Cathedral comes apart by remove three
> screws and splitting the back of of the plug. Dogbone style requires
> a special 3-pin cylindrical spanner to unscrew the externally threaded
> ring that holds the guts in. Fair used to sell sets of the spanners.
>
> In a message dated 01/11/2014 18:17:10 PM Central Standard Time,
> k4hca@... writes:
>
>> I need to replace the Break-In control Cable between The T-3 and my
>> R-390A but do not readily see a way to disassemble the REC-TR Cont Plug
>> nor do I find the info in my documentation. Can someone lend some
>> guidance here?
>>
>> Harold
>
>
> Robert Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>

# 5753. Re: [T-368_BC-610] T-368 REC-TR CONTROL CONNECTOR ASSEMBLY

Yahoo group: T-368_BC-610
Date: 2014-01-12 05:25:41 UTC
From: Mark J. Blair
Topic: 5750  Message: 5753

On Jan 11, 2014, at 19:49 , N Hairston <k4hca@...> wrote:
> I have three of the connectors in question. All are "L" shaped and have the external threaded, ring cover plate with four (4) slots that I assume would require the spanner wrench. One has this cover plate removed but I see no means of further disassembling the unit. Could you possibly amplify on further dis-assembly.

The connector needs to be unplugged form its mating socket, or else the bug thumbscrew will prevent it from being disassembled.

Once you unscrew the externally threaded ring, it should be possible to remove the rear cover of the plug by pulling on the big thumbscrew handle. There are O-ring seals which may have hardened, and they can make the cover hard to remove. Once the cover is off, the terminals will then be accessible.

Here's a picture I had sitting around of a disassembled connector:

https://www.dropbox.com/s/riqh8871fp6vqfp/IMG_1685.jpg

Does that help?

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 5754. Re: [T-368_BC-610] T-368 REC-TR CONTROL CONNECTOR ASSEMBLY

Yahoo group: T-368_BC-610
Date: 2014-01-12 05:42:13 UTC
From: Mark J. Blair
Topic: 5750  Message: 5754

By the way, I might as well share a couple more pictures showing how I fabricated a breakout box for the rear-panel connections on my T-368C:

https://www.dropbox.com/sh/nar87yqnuc7bgd8/CdBW15vW3n

I never got around to taking pictures of the finished build. The cover plate that I added has two 3-pin XLR connectors for 600 ohm audio input and sidetone output, and two 1/4" plugs for PTT in and receiver blanking out. Inside the box is an audio transformer for the 600 ohm input so I can drive it with a balanced signal. I added a magnet on the back of the outlet box to help support its weight so that it doesn't put so much stress on the connector. The sidetone output doesn't seem to be working for me yet, but the other three connections work fine.

Maybe I'll take some more pictures and write up the project on my web page one of these days, but it'll need to wait until I find the gumption to roll my T-368C out of the corner it's crammed into.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 5755. Re: [T-368_BC-610] T-368 REC-TR CONTROL CONNECTOR ASSEMBLY

Yahoo group: T-368_BC-610
Date: 2014-01-12 06:19:34 UTC
From: wa5cab@...
Topic: 5750  Message: 5755

Harold,

No, I've done about 1500 manuals on Army, Navy and blue suiter radios but I didn't do that one. I vaguely recall that it was done by a consortium but can't recall any of the names or calls.

Once you have the threaded ring out (the spanner, incidentally, only has three pins. One side is cut away), you just grab the butterfly on the coupling screw (or nut on the Vietnam era connectors) and pull. The only thing that should be still holding it in is an O-ring. The cover plate is a separate part from the ring. But it is captive on the screw/nut.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

In a message dated 01/11/2014 21:49:36 PM Central Standard Time,
k4hca@... writes:
> Hello,Robert;
>
> We have communicated in times past but not in last couple of years. Were
> you the person who printed and distributed the NAVSHIPS R-390A Manual?
>
> I have three of the connectors in question. All are "L" shaped and have
> the external threaded, ring cover plate with four (4) slots that I assume
> would require the spanner wrench. One has this cover plate removed but I see
> no means of further disassembling the unit. Could you possibly amplify on
> further dis-assembly.
>
> Gratefully,
>
> Harold
>
>
>
> On 1/11/2014 7:24 PM, wa5cab@... wrote:
>
> >> It depends upon (assuming you have an original) whether the connector
>> is dogbone or cathedral style. Cathedral comes apart by remove three
>> screws and splitting the back of of the plug. Dogbone style requires a
>> special 3-pin cylindrical spanner to unscrew the externally threaded ring that
>> holds the guts in. Fair used to sell sets of the spanners.
>>
>> In a message dated 01/11/2014 18:17:10 PM Central Standard Time,
>> k4hca@... writes:

>>
>>
>> >>> I need to replace the Break-In control Cable between The T-3 and my
>>> R-390A but do not readily see a way to disassemble the REC-TR Cont Plug
>>>
>>> nor do I find the info in my documentation. Can someone lend some
>>> guidance here?
>>>
>>> Harold
>>
>>
>>
>

# 5756. Re: [T-368_BC-610] T-368 REC-TR CONTROL CONNECTOR ASSEMBLY

Yahoo group: T-368_BC-610
Date: 2014-01-12 11:58:21 UTC
From: N Hairston
Topic: 5750  Message: 5756

Robert;

Now I really feel bad and inadequate. I did pull on the "Flap" but obviously not hard enough. Thank you for taking the time to get me going. Also, others who contributed help.

Best to the Downs family for 2014.

Harold

On 1/12/2014 1:19 AM, wa5cab@... wrote:
>
> Harold,
>
> No, I've done about 1500 manuals on Army, Navy and blue suiter radios
> but I didn't do that one. I vaguely recall that it was done by a
> consortium but can't recall any of the names or calls.
>
> Once you have the threaded ring out (the spanner, incidentally, only
> has three pins. One side is cut away), you just grab the butterfly on
> the coupling screw (or nut on the Vietnam era connectors) and pull.
> The only thing that should be still holding it in is an O-ring. The
> cover plate is a separate part from the ring. But it is captive on
> the screw/nut.
>
> Robert Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
> In a message dated 01/11/2014 21:49:36 PM Central Standard Time,
> k4hca@... writes:
>
>> Hello,Robert;
>>
>> We have communicated in times past but not in last couple of years.
>> Were you the person who printed and distributed the NAVSHIPS R-390A
>> Manual?
>>
>> *I have three of the connectors in question. All are "L" shaped and
>> have the external threaded, ring cover plate with four (4) slots that
>> I assume would require the spanner wrench. One has this cover plate
>> removed but I see no means of further disassembling the unit. Could
>> you possibly amplify on further dis-assembly.
>> *
>> Gratefully,

>>
>> Harold
>>
>>
>>
>> On 1/11/2014 7:24 PM, wa5cab@... <mailto:wa5cab@...> wrote:
>>
>>> It depends upon (assuming you have an original) whether the
>>> connector is dogbone or cathedral style. Cathedral comes apart by
>>> remove three screws and splitting the back of of the plug. Dogbone
>>> style requires a special 3-pin cylindrical spanner to unscrew the
>>> externally threaded ring that holds the guts in. Fair used to sell
>>> sets of the spanners.
>>>
>>> In a message dated 01/11/2014 18:17:10 PM Central Standard Time,
>>> k4hca@... <mailto:k4hca@...> writes:
>>>
>>>
>>>> I need to replace the Break-In control Cable between The T-3 and my
>>>> R-390A but do not readily see a way to disassemble the REC-TR Cont
>>>> Plug
>>>> nor do I find the info in my documentation. Can someone lend some
>>>> guidance here?
>>>>
>>>> Harold
>>>
>>>
>>>
>>
>
>
>

# 5757. BC-610 Coil C-390-C

Yahoo group: T-368_BC-610
Date: 2014-01-14 22:43:17 UTC
From: <w0ir@...>
Topic: 5757  Message: 5757

Does anyone have a spare 5.7 - 8.0 coil for a 610 they are willing to part with.
Thanks Dale w0ir@comcast.net

# 5758. Cabinet Fan

Yahoo group: T-368_BC-610
Date: 2014-01-15 00:36:29 UTC
From: K3PID
Topic: 5758  Message: 5758

Can I oil or otherwise lubricate the cabinet fan on the T3? There doesn’t seem to be any mention of it in the manuals.

Ron K3PID

# 5759. Re: [T-368_BC-610] Cabinet Fan

Yahoo group: T-368_BC-610
Date: 2014-01-15 05:10:48 UTC
From: Mark J. Blair
Topic: 5758  Message: 5759

On Jan 14, 2014, at 16:36 , K3PID <ron.k3pid@...> wrote:
> Can I oil or otherwise lubricate the cabinet fan on the T3? There doesn’t seem to be any mention of it in the manuals.

I replaced the bearings in both my cabinet and PA fans. I think the bearings were meant to be maintenance-free, but we're using these rigs way past their expected service lifetimes. Some folks run their rigs without the cabinet fan to reduce noise, particularly since we're generally not running 24/7 100% duty cycle FSK like they were used in service. The PA blower is mandatory, though, and it's worth it to keep it running in top shape.

I'd recommend at least inspecting both blowers and making sure they spin perfectly smoothly. If they drag at all, you can try to lubricate the bearings to see if that helps. If they feel at all clicky or coggy, then replace those bearings with new ones. Especially in the PA blower. You'll probably need to disassemble the motors to get access to the bearings to lubricate them anyway, and at that point it's not much more effort to swap in new ones if there's any doubt about the condition of the old ones.

Though I don't remember the bearing size off the top of my head, they were a common size and I bought new ones from McMaster-Carr for not much money. And note, even though these are 1950s US radios, we had already standardized on metric bearing sizes by then. I first assumed they were inch-sized bearings, measured them, and ordered the closest inch size. They were much more expensive than the metric bearings, and they did NOT fit on the shafts or in the housings. Then I switched my calipers over to mm mode, and found perfect integer millimeter measurements. The metric bearings I got then cost half as much, had a much higher RPM rating, and fit perfectly.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 5760. Re: [T-368_BC-610] BC-610 Coil C-390-C

Yahoo group: T-368_BC-610
Date: 2014-01-15 15:38:57 UTC
From: rbethman
Topic: 5757  Message: 5760

Dale,

Things are in flux right now.

Most likely I indeed have one of these that is excess.

I'll try and locate the coils I have, and check.

Bob - N0DGN

On 1/14/2014 5:43 PM, w0ir@... wrote:
>
> Does anyone have a spare 5.7 - 8.0 coil for a 610 they are willing to
> part with.
> Thanks Dale w0ir@...
>
>

# 5761. RE: [T-368_BC-610] BC-610 Coil C-390-C

Yahoo group: T-368_BC-610
Date: 2014-01-15 18:07:48 UTC
From: w0r
Topic: 5757  Message: 5761

Thanks for checking.

73's

Dale W0IR

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com] On Behalf Of rbethman
Sent: Wednesday, January 15, 2014 9:39 AM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] BC-610 Coil C-390-C

Dale,

Things are in flux right now.

Most likely I indeed have one of these that is excess.

I'll try and locate the coils I have, and check.

Bob - N0DGN

On 1/14/2014 5:43 PM, w0ir@... wrote:

Does anyone have a spare 5.7 - 8.0 coil for a 610 they are willing to part with.
Thanks Dale w0ir@...

# 5762. Re: [T-368_BC-610] T-368 Hex wrench

Yahoo group: T-368_BC-610
Date: 2014-01-19 06:20:03 UTC
From: Mark J. Blair
Topic: 5745  Message: 5762

On Jan 8, 2014, at 17:07 , donrdlph@... wrote:

> The samples have arrived and they look exactly like the original.
> I have 6 and will part with 5.
> I can have more made but only in batches of 10.
> I think $15.00 each plus shipping is a fair price to pay for a custom made piece.

I have received my wrench, and it looks and works great. It fits just right in the storage clips, too.

Thank you!

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 5763. Re: [T-368_BC-610] T-368 Hex wrench

Yahoo group: T-368_BC-610
Date: 2014-01-19 18:25:18 UTC
From: commtekman@...
Topic: 5745  Message: 5763

Got my wrench also, looks really good, can't wait to try it out-
Tnx
Bob K6OSM

In a message dated 1/18/2014 10:20:11 P.M. Pacific Standard Time,
nf6x@... writes:

On Jan 8, 2014, at 17:07 , donrdlph@yahoo.com wrote:

> The samples have arrived and they look exactly like the original.
> I have 6 and will part with 5.
> I can have more made but only in batches of 10.
> I think $15.00 each plus shipping is a fair price to pay for a custom
made piece.

I have received my wrench, and it looks and works great. It fits just
right in the storage clips, too.

Thank you!

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 5764. T-368 RF deck

Yahoo group: T-368_BC-610
Date: 2014-01-23 22:46:00 UTC
From: <donrdlph@...>
Topic: 5764  Message: 5764

Anybody parting out a T-368 RF deck?
Don W9BHI

# 5765. Re: [T-368_BC-610] T-368 RF deck

Yahoo group: T-368_BC-610
Date: 2014-01-24 19:43:21 UTC
From: mac
Topic: 5764  Message: 5765

Don,

What parts are you looking for?

Dennis D. W7QHO
Glendale, CA

**********
On Jan 23, 2014, at 2:46 PM, <donrdlph@...> <donrdlph@yahoo.com>
wrote:

>
>
> Anybody parting out a T-368 RF deck?
>
> Don W9BHI
>
>
>

# 5766. Re: [T-368_BC-610] T-368 RF deck

Yahoo group: T-368_BC-610
Date: 2014-01-25 15:02:11 UTC
From: <donrdlph@...>
Topic: 5764  Message: 5766

Dennis,
Still looking for the excitation meter 0-15 Ma.
Thanks,
Don W9BHI

# 5767. Re: [T-368_BC-610] T-368 RF deck

Yahoo group: T-368_BC-610
Date: 2014-01-25 19:16:25 UTC
From: mac
Topic: 5764  Message: 5767

Don,

Just curious, are the three original shunts still in place (mounted on
the meter switch)?

Dennis D. W7QHO
Glendale, CA

**********
On Jan 25, 2014, at 7:02 AM, <donrdlph@...> wrote:

>
> Dennis,
>
> Still looking for the excitation meter 0-15 Ma.
>
> Thanks,
>
> Don W9BHI
>
>
>

# 5768. Re: [T-368_BC-610] T-368 RF deck

Yahoo group: T-368_BC-610
Date: 2014-01-25 20:49:01 UTC
From: Mark J. Blair
Topic: 5764  Message: 5768

On Jan 25, 2014, at 07:02 , donrdlph@... wrote:
> Still looking for the excitation meter 0-15 Ma.

I replaced my excitation meter with a similar-looking but not original meter. I had to replace the shunt resistors due to the different meter coil resistance.

I also had to replace my filament voltage meter. I used a similar-looking but not original meter there, too, but it was a simple replacement since it's just a voltage meter and the circuit doesn't depend on it having a specific resistance.

I think I still have my original meters stashed somewhere. Repairing them is a bit beyond my ability at the moment, so that's why I replaced them with random meters that I found on eBay.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 5769. Re: [T-368_BC-610] T-368 RF deck

Yahoo group: T-368_BC-610
Date: 2014-01-26 15:00:18 UTC
From: <donrdlph@...>
Topic: 5764  Message: 5769

Dennis,
Yes, the original shunts are there.
The meter movement is sticky and no amount of adjustment and fiddling will make it work properly.
The original meter has a 3.33 ohm impedance.
I don't want to have to redesign the shunts for a meter with a different impedance.

Don W9BHI

# 5770. Re: [T-368_BC-610] T-368 RF deck

Yahoo group: T-368_BC-610
Date: 2014-01-26 18:43:35 UTC
From: mac
Topic: 5764  Message: 5770

Don,

Acquiring an original meter could be a long term proposition. Making shunts not particularly difficult though. A friend of mine NF6X <nf6x@nf6x.net > did this for his T-368 and you might contact him for more information. I've done this cut-and-try using fine enamel covered wire and carbon resistors for bobbins. See 3-inch, 15ma meters going for $15 - $20 on eBay currently.

Good luck.

Dennis D. W7QHO
Glendale, CA

**********
On Jan 26, 2014, at 7:00 AM, <donrdlph@...> <donrdlph@yahoo.com> wrote:

>
> Dennis,
>
> Yes, the original shunts are there.
>
> The meter movement is sticky and no amount of adjustment and
> fiddling will make it work properly.
>
> The original meter has a 3.33 ohm impedance.
>
> I don't want to have to redesign the shunts for a meter with a
> different impedance.
>
>
>
> Don W9BHI
>
>
>

# 5771. Re: [T-368_BC-610] T-368 RF deck

Yahoo group: T-368_BC-610
Date: 2014-01-26 19:17:42 UTC
From: Mark J. Blair
Topic: 5764  Message: 5771

On Jan 26, 2014, at 10:43 , mac <w7qho@...> wrote:
> Acquiring an original meter could be a long term proposition. Making shunts not particularly difficult though. A friend of mine NF6X <nf6x@...> did this for his T-368 and you might contact him for more information. I've done this cut-and-try using fine enamel covered wire and carbon resistors for bobbins. See 3-inch, 15ma meters going for $15 - $20 on eBay currently.

Hi. I replaced my shunts with a combination of standard fixed resistors and trimmer potentiometers. I disconnected the original shunts from the circuit, but left them in place in case an original meter turns up. It wasn't too hard to do. I didn't take pictures, but I can take some if it would help.

I would have preferred to just replace my meters with good original ones, of course, but I didn't feel like waiting potentially forever for them to turn up. So I adapted the meters I could find in order to put the transmitter back on the air.

My original meters and Don's as well are probably repairable by somebody with the right skills... but that's not me! That mysterious person with the right skills might also be able to fix my commo van clock whose flywheel seems to be a bit too loose in its jewels.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 5772. Re: [T-368_BC-610] T-368 RF deck

Yahoo group: T-368_BC-610
Date: 2014-01-26 20:26:44 UTC
From: Ken Schwieker
Topic: 5764  Message: 5772

What are technical spec on the meter(s) you are
looking for? I had some misc parts from a T3 at
one time and can look in my meter cache.
Ken S

\ At 09:00 AM 1/26/2014, you wrote:
>
>
>Dennis,
>
>Yes, the original shunts are there.
>
>The meter movement is sticky and no amount of
>adjustment and fiddling will make it work properly.
>
>The original meter has a 3.33 ohm impedance.
>
>I don't want to have to redesign the shunts for
>a meter with a different impedance.
>
>
>Don W9BHI
>
>
>No virus found in this message.
>Checked by AVG - <http://www.avg.com>www.avg.com
>Version: 2014.0.4259 / Virus Database: 3681/7034 - Release Date: 01/26/14

# 5773. Re: [T-368_BC-610] T-368 RF deck

Yahoo group: T-368_BC-610
Date: 2014-01-26 21:32:58 UTC
From: <donrdlph@...>
Topic: 5764  Message: 5773

The meter is a 0-15 Ma. 3-1/2 inch.
In the lower left hand corner it shows "res.=3.3 ohm (omega symbol).

Thanks,
Don W9BHI

# 5774. Re: [T-368_BC-610] T-368 RF deck

Yahoo group: T-368_BC-610
Date: 2014-02-04 20:03:18 UTC
From: <donrdlph@...>
Topic: 5764  Message: 5774

Ken,
Did you ever get a chance to look through your stuff to see if you might have a meter?
Thanks,
Don

# 5775. [T-368_BC-610] T-368 RF deck

Yahoo group: T-368_BC-610
Date: 2014-02-04 21:40:56 UTC
From: Phillip Sellati
Topic: 5764  Message: 5775

Dear Don,

I do not remember talking to anyone about a T-368 meter. Which meter do
you need?

I may have one.

We have a Ron, Paul and I am Phil and none of us remember talking about
a T-368 meter.

Sincerely
Phillip Sellati

On 2/4/2014 3:03 PM, donrdlph@... wrote:
> Ken,
>
> Did you ever get a chance to look through your stuff to see if you might
> have a meter?
>
> Thanks,
>
> Don
>
>

# 5776. RE: [T-368_BC-610] T-368 RF deck

Yahoo group: T-368_BC-610
Date: 2014-02-04 22:58:54 UTC
From: <donrdlph@...>
Topic: 5764  Message: 5776

Sorry, I was trying to reply to Ken Schwieker.
I am in need of the center excitation meter.
0-15 Ma. mine is sticky.
If you have one you would sell, I would appreciate it.
Don W9BHI

# 5777. Re: [T-368_BC-610] T-368 hex wrench

Yahoo group: T-368_BC-610
Date: 2014-02-07 22:39:42 UTC
From: <donrdlph@...>
Topic: 5708  Message: 5777

Gene,
Send me an email using the email address listed on my QRZ page.
This is about the T-368 wrench.
Thanks,
Don W9BHI

# 5778. Re: [T-368_BC-610] T-368 hex wrench

Yahoo group: T-368_BC-610
Date: 2014-02-07 23:21:42 UTC
From: kd1yt@...
Topic: 5708  Message: 5778

This is a great reminder that I want to thank Don for the initiative and generosity in making these available to us!

73
Trevor
KD1YT

-----Original Message-----
From: donrdlph@...
Sent: Friday, February 7, 2014 5:39pm
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] T-368 hex wrench

Gene,
Send me an email using the email address listed on my QRZ page.
This is about the T-368 wrench.
Thanks,
Don W9BHI

# 5779. Re: [T-368_BC-610] T-368 hex wrench

Yahoo group: T-368_BC-610
Date: 2014-02-08 15:18:54 UTC
From: <donrdlph@...>
Topic: 5708  Message: 5779

OOPS, I am looking for Gene W8KXR.
I lost your Email address and your Email address on QRZ is no good.
If you want your wrench, please try to get back to me.
Thanks,
Don W9BHI

# 5780. Anyone have TM-5820-258 series

Yahoo group: T-368_BC-610
Date: 2014-02-08 19:50:01 UTC
From: K3PID
Topic: 5780  Message: 5780

I am looking for the specifications for K6 ( Power Supply Deck) in the E series of T-368. Does anyone have ( or know where I can get ) the parts and special tools manuals for the T3?

K3PID Ron H.

# 5781. Re: [T-368_BC-610] Anyone have TM-5820-258 series

Yahoo group: T-368_BC-610
Date: 2014-02-08 19:59:47 UTC
From: Don Rudolph
Topic: 5780  Message: 5781

The relay is a DPDT with high current contacts and 115Vac coil.
I replaced mine with a solid state type ( 120Vac 40A rating with 120Vac control).
Nice and quiet.
Don W9BHI

Sent from my iPad

> On Feb 8, 2014, at 1:50 PM, "K3PID" <ron.k3pid@...> wrote:
>
> I am looking for the specifications for K6 ( Power Supply Deck) in the E series of T-368. Does anyone have ( or know where I can get ) the parts and special tools manuals for the T3?
>
> K3PID Ron H.
>
>
>

# 5782. Re: [T-368_BC-610] Anyone have TM-5820-258 series

Yahoo group: T-368_BC-610
Date: 2014-02-08 20:21:28 UTC
From: mac
Topic: 5780  Message: 5782

Sealed plate relay used in later T-368s, common failure point when operating in the PTT mode like we hams do most of the time. The large, open-frame units used in earlier models stand up better but will also fail after prolonged use. I replaced K6 in my Basic model with a 35 amp mercury plunger type (lots of these available on eBay). Others have used the solid state replacement units successfully. An alternate mounting arrangement will have to be rigged up in either case.

Dennis D. W7QHO
Glendale, CA

**********
On Feb 8, 2014, at 11:50 AM, K3PID wrote:

>
> I am looking for the specifications for K6 ( Power Supply Deck) in
> the E series of T-368. Does anyone have ( or know where I can get )
> the parts and special tools manuals for the T3?
>
> K3PID Ron H.
>
>
>
>

# 5783. Bc610

Yahoo group: T-368_BC-610
Date: 2014-02-08 20:35:21 UTC
From: Brian Harris
Topic: 5783  Message: 5783

> From: Brian Harris
> Subject: Bc610
>
> I am looking for the U7 connector required to connect power to my bc610.
> If you have one available or know of a source, please advise. Thank you.
>
> Brian wa5uek
>
> Sent from my iPhone

# 5784. Re: [T-368_BC-610] Bc610

Yahoo group: T-368_BC-610
Date: 2014-02-08 20:40:26 UTC
From: rbethman
Topic: 5783  Message: 5784

I picked one up at Lowe's.

Bob - N0DGN

On 2/8/2014 3:35 PM, Brian Harris wrote:
>
>
>
>> *From:* Brian Harris
>> *Subject:* *Bc610*
>>
>> I am looking for the U7 connector required to connect power to my bc610.
>> If you have one available or know of a source, please advise. Thank
>> you.
>>
>> Brian wa5uek
>>

# 5785. Re: [T-368_BC-610] Bc610

Yahoo group: T-368_BC-610
Date: 2014-02-08 23:35:51 UTC
From: Brian Harris
Topic: 5783  Message: 5785

A multiple pin military connector, perhaps by Amphenol, at lowes? I'm amazed. Thanks

Sent from my iPhone

On Feb 8, 2014, at 2:40 PM, rbethman <rbethman@...> wrote:

> I picked one up at Lowe's.
>
> Bob - N0DGN
>
>
>
>
> On 2/8/2014 3:35 PM, Brian Harris wrote:
>>
>>
>>
>>
>>> From: Brian Harris
>>> Subject: Bc610
>>> I am looking for the U7 connector required to connect power to my bc610.
>>> If you have one available or know of a source, please advise. Thank you.
>>>
>>> Brian wa5uek
>
>

# 5786. Re: [T-368_BC-610] Bc610

Yahoo group: T-368_BC-610
Date: 2014-02-08 23:38:14 UTC
From: Brian Harris
Topic: 5783  Message: 5786

Correction. Ive my got my head stuck up the wrong place. I meant my art-13. Wrong list. Sorry.

Sent from my iPhone

On Feb 8, 2014, at 2:40 PM, rbethman <rbethman@...> wrote:

> I picked one up at Lowe's.
>
> Bob - N0DGN
>
>
>
>
> On 2/8/2014 3:35 PM, Brian Harris wrote:
>>
>>
>>
>>
>>> From: Brian Harris
>>> Subject: Bc610
>>> I am looking for the U7 connector required to connect power to my bc610.
>>> If you have one available or know of a source, please advise. Thank you.
>>>
>>> Brian wa5uek
>
>

# 5787. Re: [T-368_BC-610] Bc610

Yahoo group: T-368_BC-610
Date: 2014-02-09 00:43:03 UTC
From: Tom Bridgers
Topic: 5783  Message: 5787

Bryan ,
Have one, but it comes with BC 610 that I'd like to sell too. Any chance you'd be interested in a 610 if the price was right ?
73,
Tom KE4RHH
Greensboro NC

Sent from my iPhone

> On Feb 8, 2014, at 3:35 PM, "Brian Harris" <cosmophone@yahoo.com> wrote:
>
>
>
>
>> From: Brian Harris
>> Subject: Bc610
>>
>> I am looking for the U7 connector required to connect power to my bc610.
>> If you have one available or know of a source, please advise. Thank you.
>>
>> Brian wa5uek
>>
>> Sent from my iPhone
>
>

# 5788. OK, Strange CW Wave Form

Yahoo group: T-368_BC-610
Date: 2014-02-09 18:43:13 UTC
From: K3PID
Topic: 5788  Message: 5788

Almost ready for prime time but the CW wave form as observed on the SB-610 scope has a half power front porch. Fast rise time to about 50% then a couple of millisecond front porch then full power for the rest of the pulse. Width of front porch does not seem to vary with keying speed. Could this be a relay issue? Almost seems like the exciter is being keyed early...

Ron K3PID

# 5789. Re: [T-368_BC-610] OK, Strange CW Wave Form

Yahoo group: T-368_BC-610
Date: 2014-02-09 19:57:11 UTC
From: mac
Topic: 5788  Message: 5789

Ron,

Presume you are talking about a T-368 here. Can't recall an issue with operating these radios on CW ever coming up on this forum before and I've never operated the radio on the air in that mode. Interesting....

In the T-368 the first and last stages in the exciter are grid-block keyed and in the CW mode the PA is finally "keyed" courtesy of the clamper tube (V2) getting cutoff bias when excitation reaches and is rectified at the grid of the 4-400. Several things happening in sequence there so maybe what you are seeing on your scope is normal. Anyone setup to confirm or refute this? How does your "stepped" CA note sound on the air BTW?

Dennis D. W7QHO
Glendale, CA

**********
On Feb 9, 2014, at 10:43 AM, K3PID wrote:

>
> Almost ready for prime time but the CW wave form as observed on the
> SB-610 scope has a half power front porch. Fast rise time to about
> 50% then a couple of millisecond front porch then full power for the
> rest of the pulse. Width of front porch does not seem to vary with
> keying speed. Could this be a relay issue? Almost seems like the
> exciter is being keyed early...
>
>
> Ron K3PID
>
>
>
>

# 5790. Re: [T-368_BC-610] Bc610

Yahoo group: T-368_BC-610
Date: 2014-02-10 05:53:53 UTC
From: wa5cab@...
Topic: 5783  Message: 5790

Bob,

For the past 30 years or so, the commercially available 2-pole twist-lock female cable connectors have been .015" to .020" too large in diameter to go into the original recessed males like the one used on the BC-610. And the wall thickness of the plastic used was much to thin to even think of turning the diameter down. Do you have a current part number for the one that you found recently that actually fits?

Brian,

By coincidence maybe U-7/U is the 10-pin female cable input power connector for the T-47/ART-13 et al. Do you really mean for the BC-610 or do you really mean U-7/U?

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

In a message dated 02/08/2014 14:40:28 PM Central Standard Time,
rbethman@... writes:
> I picked one up at Lowe's.
>
> Bob - N0DGN
>
>
>
>
> On 2/8/2014 3:35 PM, Brian Harris wrote:
>
> >>
>>
>>
>>
>>
>> >>> From: Brian Harris
>>> Subject: Bc610
>>>
>>>
>>>
>> >>> I am looking for the U7 connector required to connect power to my
>>> bc610.
>>> If you have one available or know of a source, please advise. Thank
>>> you.
>>>
>>> Brian wa5uek

>>>
>>
>>
>

# 5791. Re: [T-368_BC-610] Bc610

Yahoo group: T-368_BC-610
Date: 2014-02-10 11:53:13 UTC
From: rbethman
Topic: 5783  Message: 5791

Robert,

The two pole twist lock was purchased at Lowe's in the last 10 years.

Fits just fine.

His second post indicated that he was looking for the Amphenol connector
for the ART-13.

Bob - N0DGN

On 2/10/2014 12:53 AM, wa5cab@... wrote:
>
> Bob,
>
> For the past 30 years or so, the commercially available 2-pole
> twist-lock female cable connectors have been .015" to .020" too large
> in diameter to go into the original recessed males like the one used
> on the BC-610. And the wall thickness of the plastic used was much to
> thin to even think of turning the diameter down. Do you have a
> current part number for the one that you found recently that actually
> fits?
>
> Brian,
>
> By coincidence maybe U-7/U is the 10-pin female cable input power
> connector for the T-47/ART-13 et al. Do you really mean for the
> BC-610 or do you really mean U-7/U?
>
> Robert Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
> In a message dated 02/08/2014 14:40:28 PM Central Standard Time,
> rbethman@... writes:
>
>> I picked one up at Lowe's.
>>
>> Bob - N0DGN
>>
>>
>>
>>
>> On 2/8/2014 3:35 PM, Brian Harris wrote:
>>
>>>

>>>
>>>
>>>
>>>
>>>> *From:* Brian Harris
>>>> *Subject:* *Bc610*
>>>>
>>>>
>>>
>>>> I am looking for the U7 connector required to connect power to my
>>>> bc610.
>>>> If you have one available or know of a source, please advise.
>>>> Thank you.
>>>>
>>>> Brian wa5uek
>>>

# 5792. Re: [T-368_BC-610] Bc610

Yahoo group: T-368_BC-610
Date: 2014-02-10 16:36:12 UTC
From: wa5cab@...
Topic: 5783  Message: 5792

Bob,

Right, on the U-7/U. He contacted me direct.

On the BC-610 AC power connector, I'll have to pick a current one up and check it. Someone may have finally caught the diameter error. Back in the 1990's, every one that I checked was just a little too large. Can you look at yours and tell who made it?

I'll add (as I have off and on for 20 years) that if you can find an old black bakelite one, regardless of which rating it has, if it doesn't plug in because of the shape of the slots in the face you can modify it to work. Takes just a few minutes work with a hacksaw blade, jeweler's file or something similar. All of the contacts inside are the same in all face styles. The slots in the face are cut on an arc. Running out on a radial is from one end of one or both slots is a short slot. Which end of the arc the radial slot is on and whether or not both arcs have a radial slot is how the various rating connectors are differentiated. All that you have to do is add the radial slot in the necessary position.

In a message dated 02/10/2014 05:53:16 AM Central Standard Time,
rbethman@... writes:
> Robert,
>
> The two pole twist lock was purchased at Lowe's in the last 10 years.
> Fits just fine.
> His second post indicated that he was looking for the Amphenol connector
> for the ART-13.
> Bob - N0DGN
>
> On 2/10/2014 12:53 AM, wa5cab@... wrote:
>
> >> Bob,
>>
>> For the past 30 years or so, the commercially available 2-pole twist-lock
>> female cable connectors have been .015" to .020" too large in diameter to
>> go into the original recessed males like the one used on the BC-610. And
>> the wall thickness of the plastic used was much to thin to even think of
>> turning the diameter down. Do you have a current part number for the one
>> that you found recently that actually fits?
>>
>> Brian,
>>
>> By coincidence maybe U-7/U is the 10-pin female cable input power
>> connector for the T-47/ART-13 et al. Do you really mean for the BC-610 or do
>> you really mean U-7/U?

>>
>> Robert Downs - Houston
>> wa5cab dot com (Web Store)
>> MVPA 9480
>>
>> In a message dated 02/08/2014 14:40:28 PM Central Standard Time,
>> rbethman@... writes:
>>
>>
>> >>> I picked one up at Lowe's.
>>>
>>> Bob - N0DGN
>>>
>>
>>
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

# 5793. Re: [T-368_BC-610] Bc610

Yahoo group: T-368_BC-610
Date: 2014-02-10 16:48:18 UTC
From: rbethman
Topic: 5783  Message: 5793

The manufacturer's name on it is WOODHEAD.

Fits perfectly.

Bob - N0DGN

On 2/10/2014 11:36 AM, wa5cab@... wrote:
>
> Bob,
>
> Right, on the U-7/U. He contacted me direct.
>
> On the BC-610 AC power connector, I'll have to pick a current one up
> and check it. Someone may have finally caught the diameter error.
> Back in the 1990's, every one that I checked was just a little too
> large. Can you look at yours and tell who made it?
>
> I'll add (as I have off and on for 20 years) that if you can find an
> old black bakelite one, regardless of which rating it has, if it
> doesn't plug in because of the shape of the slots in the face you can
> modify it to work. Takes just a few minutes work with a hacksaw
> blade, jeweler's file or something similar. All of the contacts
> inside are the same in all face styles. The slots in the face are cut
> on an arc. Running out on a radial is from one end of one or both
> slots is a short slot. Which end of the arc the radial slot is on and
> whether or not both arcs have a radial slot is how the various rating
> connectors are differentiated. All that you have to do is add the
> radial slot in the necessary position.
>

# 5794. Re: [T-368_BC-610] Bc610

Yahoo group: T-368_BC-610
Date: 2014-02-10 17:03:18 UTC
From: wa5cab@...
Topic: 5783  Message: 5794

OK. Thanks. Those are (or were - probably made in China these days) the high end (read most expensive) ones.

In a message dated 02/10/2014 10:48:21 AM Central Standard Time, rbethman@... writes:

> The manufacturer's name on it is WOODHEAD.
>
> Fits perfectly.
>
> Bob - N0DGN
>
>
> On 2/10/2014 11:36 AM, wa5cab@... wrote:
>
> >> Bob,
>>
>> Right, on the U-7/U. He contacted me direct.
>>
>> On the BC-610 AC power connector, I'll have to pick a current one up and
>> check it. Someone may have finally caught the diameter error. Back in
>> the 1990's, every one that I checked was just a little too large. Can you
>> look at yours and tell who made it?
>>
>> I'll add (as I have off and on for 20 years) that if you can find an old
>> black bakelite one, regardless of which rating it has, if it doesn't plug
>> in because of the shape of the slots in the face you can modify it to
>> work. Takes just a few minutes work with a hacksaw blade, jeweler's file or
>> something similar. All of the contacts inside are the same in all face
>> styles. The slots in the face are cut on an arc. Running out on a radial is
>> from one end of one or both slots is a short slot. Which end of the arc
>> the radial slot is on and whether or not both arcs have a radial slot is
>> how the various rating connectors are differentiated. All that you have to
>> do is add the radial slot in the necessary position.
>>
>>
>>
>>
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

# 5795. BC-610, BC-614 and BC-939 For Sale

Yahoo group: T-368_BC-610
Date: 2014-02-18 02:30:49 UTC
From: Tom Bridgers
Topic: 5795  Message: 5795

A general description of the BC-610-F, BC-614 speech amp,
and two BC-939s are below as a last section of this email.

Also if you'll click on the hot link below you'll find photo's of
the transmitter, speech amp, and of one of the BC-939's:

http://picasaweb.google.com/radios4fun/BC610#

The BC-610 must be sold first before I'd be willing to sell the other
components of the system.

All items are FOB Greensboro, NC.

If you live near Greensboro, and would like to visit to see the gear
first hand, I'm sure we can work out a mutually good time and date.
I'm retired and my schedule is pretty flexible.

.Also I have two WRL Globe Champions that need a new home.
One is in operating condition, according to the guy I purchased it
from. I have not fired it up however.. The other is complete, but I
have not put it on the air and it probably has some issues. I'm
asking $ 395 for the one that works, and $ 195 for the second one.
If you are unfamiliar with a Champion 300, it is VERY heavy --
about 125 lbs. Both FOB Greensboro.

Would be glad to answer any questions you might have either
on line or by phone: 336-558-3762.
73's,
-Tom KE4RHH

---
---

4 ea BC-610 components For Sale.
A BC-610 Transmitter, BC-614 speech amplifier and two BC-939
Antenna Tuners.

Item 1. Model: BC-610-F made by Bogen.

What is included? A manual, 6 RF final coils, 6 ea tuning
units, all tubes, 2 ea replacement high voltage capacitors (each 4 mfd @ 4000
volts), 4 tuning cards, power plug to 120 VAC.

PA Final Coils: 2-3.5 mHz, 3.5-4.5 mHz, 4.5 – 5.7 mHz, 5.7 –
11 mHz, 11 – 14 mHz, and 14-18 mHz. As is generally true
of coils this age, some of the coil holding plastic is crumbling. However many
hams use non-conductive, epoxy glue to hold the turns in place.

All tubes are included in
including the 250TH, two 100THs, along with two 2A3s.

Condition? Is in good condition. I have not operated it because the two high voltage capacitors were removed when I purchased it and have not been reinstalled.

Asking price? $495 FOB Greensboro, NC

Item 2. Model BC-614 Speech amplifier.

Condition? Is in good condition. I have not operated it, and I’d imagine, given its age, it would need the usual cap replacements and troubleshooting.

Asking price? $225 FOB Greensboro, NC

Items 3 & 4.
Model BC-939 Antenna Tuner. I
have two of these.

Condition? One is in excellent condition. The other is in good condition.

Asking price? $ 225 for the excellent condition unit, and
$175 for the other one.

---
---

# 5796. For Sale or Trade

Yahoo group: T-368_BC-610
Date: 2014-02-26 23:11:49 UTC
From: <wc4don@...>
Topic: 5796  Message: 5796

I have a T368 for sale. It's really in great condition and it was working until I pulled the 5R4 tube out to clean a relay that I see was arching. After I cleaned the contacts I fired up the T3 and it blew a fuse right off the bat. I looked over and seen that I hadn't put the 5R4 tube back in. Upon doing so I tired to fire it up again, but it blew another fuse. I just don't know enough to get into tracing and trying to find the problem. I had some friends come over and we got it working the first time when the only problem was plug that went on the back with the jumpers in it. I wasn't told that had to be plugged in for it to work No big problem .. but now this and I just don't have any help around here to help me get this back on the air. So I guess I'll just sale it and hope it goes to a good home. I can text anyone pictures if your interested .. I have extra tubes and every thing for a full setup including my 390A and the ME 165/G and more .. I paid 1950 dollars for the T3 and I won't take less for it . If your looking for a full AM package I can set you up. As you know this will be pickup only because of the weight .. I have a full set of manuals and I can track the ownership of this radio for the past 20 years. Give me a call if interested at 859-396-2299

73 Don WC4D

# 5797. T-368 Hex wrenches

Yahoo group: T-368_BC-610
Date: 2014-03-02 17:46:18 UTC
From: <donrdlph@...>
Topic: 5797  Message: 5797

I have 4 wrenches left.
$18.00 ea. shipped.
Contact me on my QRZ listing Email address.
Thanks,
Don W9BHI

# 5798. Re: [T-368_BC-610] T-368 Hex wrenches

Yahoo group: T-368_BC-610
Date: 2014-03-03 01:36:15 UTC
From: Gene Beckwith
Topic: 5797  Message: 5798

Don,

My two wrenches received in fine shape....was totally pleased with the workmanship...and they fit perfectly...

Tnx agn es 73

Gene W8KXR
On 03/02/2014 12:46 PM, donrdlph@... wrote:
>
> I have 4 wrenches left.
>
> $18.00 ea. shipped.
>
> Contact me on my QRZ listing Email address.
>
> Thanks,
>
> Don W9BHI
>
>

# 5799. Re: [T-368_BC-610] T-368 Hex wrenches

Yahoo group: T-368_BC-610
Date: 2014-03-03 01:38:34 UTC
From: Gene Beckwith
Topic: 5797  Message: 5799

Don,

Do u still plan on producing a few sets of Bristol and Philips for the
R-390s . . .?

Gene W8KXR
On 03/02/2014 12:46 PM, donrdlph@... wrote:
>
> I have 4 wrenches left.
>
> $18.00 ea. shipped.
>
> Contact me on my QRZ listing Email address.
>
> Thanks,
>
> Don W9BHI
>
>

# 5800. Re: [T-368_BC-610] T-368 Hex wrenches

Yahoo group: T-368_BC-610
Date: 2014-03-03 14:14:32 UTC
From: <donrdlph@...>
Topic: 5797  Message: 5800

Gene,
I think my machinist is going to work on them this week.
I will keep you posted.
Thanks,
Don W9BHI

# 5801. Re: [T-368_BC-610] T-368 Hex wrenches

Yahoo group: T-368_BC-610
Date: 2014-03-14 00:16:57 UTC
From: christopher jasper
Topic: 5797  Message: 5801

My second wrench arrived Don , GREAT fit!! Thank You again, Chris NZ1AF

# 5802. T-368 air filter

Yahoo group: T-368_BC-610
Date: 2014-03-19 20:06:10 UTC
From: <donrdlph@...>
Topic: 5802  Message: 5802

I have an original all brass air filter for a T-368 that I am not using.
It has been degreased and cleaned.
It is in very good condition.
If any body wants it, make me an offer.
Thanks,
Don W9BHI

# 5803. C41,C42, & C7 replacement??

Yahoo group: T-368_BC-610
Date: 2014-03-27 12:33:42 UTC
From: K3PID
Topic: 5803  Message: 5803

My T3 manual(s) which cover thru E all show C41,C42, & C7 in parallel coupling L2 to L4 via the band switch but my T3 actually has one unlabeled cap of 0.0039 µf mounted on an additional phenolic block doing the job. The mounting holes for C41, C42, & C7 are there and obviously they were in use a one time... Was this a sanctioned upgrade performed at the depot late in life or was my unit the result of some previous owner’s handy work?

I discover something new about this T3 everytime I open the drawers... Hi Hi

K3PID
Ron H.

# 5804. Re: C41,C42, & C7 replacement??

Yahoo group: T-368_BC-610
Date: 2014-03-27 15:56:37 UTC
From: <donrdlph@...>
Topic: 5803  Message: 5804

The several T-3's that I have worked on all had a single 0.0039 mica transmitting cap in place of C41, 42 and C7.
Maybe the real early ones had three seperate caps?

Don W9BHI

# 5805. Re: [T-368_BC-610] Re: C41,C42, & C7 replacement??

Yahoo group: T-368_BC-610
Date: 2014-03-27 21:26:13 UTC
From: mac
Topic: 5803  Message: 5805

Yes, the early models (my Basic for ex) did use three parallel caps, later models used a single, large ceramic .0039 mfd unit. Don't know at what point the change took place. There was also a field mod along the way to implement the change in earlier sets.

Some worthwhile improvement in the audio quality of the T-368 can be achieved by replacing the .0039 (or equivalent three parallel caps) with a single .001unit. With appropriate voltage and RF current ratings of course.

Dennis D. W7QHO
Glendale, CA

**********

On Mar 27, 2014, at 8:56 AM, <donrdlph@...> <donrdlph@...> wrote:

> 
> The several T-3's that I have worked on all had a single 0.0039 mica
> transmitting cap in place of C41, 42 and C7.
> 
> Maybe the real early ones had three seperate caps?
> 
> 
> Don W9BHI
> 
> 
> 

# 5806. Sidetone Oscillator Pick-up on Keying Line?

Yahoo group: T-368_BC-610
Date: 2014-04-09 16:48:38 UTC
From: <Roger@...>
Topic: 5806  Message: 5806

Hi All,

I've finally put my JB-70A junction box into service and have encountered an odd problem. On CW, the sidetone oscillator is being picked up, I believe, by the keying circuit causing what sounds like FM on a monitor receiver. If I switch the sidetone off the CW note is T9 and if I tune a few kc off the crystal frequency I can hear only faint key-clicks - but if the S/T is on (either BC-342 or BC-312 selected) then the sidebands extend a considerable distance HF and LF of the crystal freq. There is also a small reading on the BC-614-E meter which dies away after I stop keying. If I am on Phone and turn S/T on, the mod meter jumps to 250ma, and I can hear the S/T on the monitor RX, sounds awful! But with S/T off the mod is normal.

I'm guessing there's pickup somewhere between the S/T generator and the BC-610. I have used an 8-core screened cable for the JB to BC-614 link and wired as per the book and I have also tried adjusting the S/T level on the rear of the '614, which doesn't help much. My interconnecting cables, JB to 614 and 614 to 610 are home made. The '614 has been mostly re-capped and has a new mains transformer.

Any ideas appreciated!

73
Roger/G3VKM - Norfolk, England

# 5807. decals for BC-610

Yahoo group: T-368_BC-610
Date: 2014-04-19 01:18:40 UTC
From: John King
Topic: 5807  Message: 5807

I need decals for my BC 610F. Does anyone know of a source or someone who makes them? 73, John, K5PGW

# 5808. Re: [T-368_BC-610] decals for BC-610

Yahoo group: T-368_BC-610
Date: 2014-04-19 03:56:04 UTC
From: Jack Taylor
Topic: 5807  Message: 5808

I just had the instrument panel on my E model done by a local sign shop. They did a nice job but I had to remove the
panel and bring it to them.

Jack – n7oo

From: John King
Sent: Friday, April 18, 2014 6:18 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] decals for BC-610

I need decals for my BC 610F. Does anyone know of a source or someone who makes them? 73, John, K5PGW

# 5809. Re: [T-368_BC-610] decals for BC-610

Yahoo group: T-368_BC-610
Date: 2014-04-19 04:29:12 UTC
From: wa5cab@...
Topic: 5807  Message: 5809

John,

Although someone might sell a set today, I've had two BC-610-F's over the years and neither had any decals on them. All of the lettering appeared to have been silk screened.

In a message dated 04/18/2014 20:18:41 PM Central Daylight Time, k5pgw@... writes:
> I need decals for my BC 610F. Does anyone know of a source or someone who
> makes them? 73, John, K5PGW

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

# 5810. Re: Sidetone Oscillator Pick-up on Keying Line?

Yahoo group: T-368_BC-610
Date: 2014-04-19 07:21:15 UTC
From: <Roger@...>
Topic: 5806  Message: 5810

An update on this; I made up a new 7-core screened cable to go between BC-614 and BC-610 but this did not clear the sidetone breakthrough. I'm fairly confident that I have the wiring of the cable from BC-614 to JB-70A correct. I don't have a receiver connected to the JB yet, which may, or may not, be relevant.

73

Roger/G3VKM

---In T-368_BC-610@yahoogroups.com, <Roger@...> wrote :

Hi All,

I've finally put my JB-70A junction box into service and have encountered an odd problem. On CW, the sidetone oscillator is being picked up, I believe, by the keying circuit causing what sounds like FM on a monitor receiver. If I switch the sidetone off the CW note is T9 and if I tune a few kc off the crystal frequency I can hear only faint key-clicks - but if the S/T is on (either BC-342 or BC-312 selected) then the sidebands extend a considerable distance HF and LF of the crystal freq. There is also a small reading on the BC-614-E meter which dies away after I stop keying. If I am on Phone and turn S/T on, the mod meter jumps to 250ma, and I can hear the S/T on the monitor RX, sounds awful! But with S/T off the mod is normal.

I'm guessing there's pickup somewhere between the S/T generator and the BC-610. I have used an 8-core screened cable for the JB to BC-614 link and wired as per the book and I have also tried adjusting the S/T level on the rear of the '614, which doesn't help much. My interconnecting cables, JB to 614 and 614 to 610 are home made. The '614 has been mostly re-capped and has a new mains transformer.

Any ideas appreciated!

73
Roger/G3VKM - Norfolk, England

# 5811. Re: [T-368_BC-610] decals for BC-610

Yahoo group: T-368_BC-610
Date: 2014-04-19 13:11:28 UTC
From: John King
Topic: 5807  Message: 5811

Thanks Robert. My BC-610 needs a complete re-paint because it has a coat of rust . The chassis are very good. I appreciate the input. 73, John, K5PGW

---

On Fri, 4/18/14, wa5cab@...m <wa5cab@...> wrote:

Subject: Re: [T-368_BC-610] decals for BC-610
To: T-368_BC-610@yahoogroups.com
Date: Friday, April 18, 2014, 8:29 PM

John,

Although someone might sell a set today, I've had two BC-610-F's over the years and neither had any decals on them.  All of the lettering appeared to have been silk screened.

In a message dated 04/18/2014 20:18:41 PM Central Daylight Time, k5pgw@... writes:

I need decals for my BC 610F. Does anyone know of a source or someone who makes them? 73, John, K5PGW

Robert Downs - Houston

wa5cab dot com (Web Store)

MVPA 9480

# 5812. Re: [T-368_BC-610] decals for BC-610

Yahoo group: T-368_BC-610
Date: 2014-04-19 13:12:56 UTC
From: John King
Topic: 5807  Message: 5812

Thanks, Jack, I may have to improvise. 73, John, K5PGW
---
On Fri, 4/18/14, Jack Taylor <jack@...> wrote:

Subject: Re: [T-368_BC-610] decals for BC-610
To: T-368_BC-610@yahoogroups.com
Date: Friday, April 18, 2014, 7:56 PM

I just had the instrument panel on my E model done by a
local sign
shop.  They did a nice job but I had to remove
the
panel and bring it to them.

Jack – n7oo

From: John King
Sent: Friday, April 18, 2014 6:18 PM
To: T-368_BC-610@yahoogroups.com

Subject: [T-368_BC-610] decals for
BC-610

I need decals for my BC 610F. Does anyone know of a
source or someone who
makes them? 73, John, K5PGW

# 5813. Re: decals for BC-610

Yahoo group: T-368_BC-610
Date: 2014-04-19 13:47:59 UTC
From: <Roger@...>
Topic: 5807  Message: 5813

Not for the '610 specifically but maybe you could find something here:-

http://www.radiodaze.com/category/717.aspx http://www.radiodaze.com/category/717.aspx

73

Roger/G3VKM

---In T-368_BC-610@yahoogroups.com, <k5pgw@...> wrote :

I need decals for my BC 610F. Does anyone know of a source or someone who makes them? 73, John, K5PGW

# 5814. Re: [T-368_BC-610] decals for BC-610

Yahoo group: T-368_BC-610
Date: 2014-04-19 13:53:42 UTC
From: rbethman
Topic: 5807  Message: 5814

John,

If it is any consolation, I picked up the latest revised version of a BC-610 in 2003.

It had gone through Depot in July '59.

They didn't silkscreen it nor did they engrave it. Everything is stenciled on it.

They even stenciled the Depot rework to include the date.

So if you end up going that way, I don't think anyone would find it odd.

Whatever changes made, I can't tell, other than there aren't any porcelain insulators on the left side. It only has an SO-239. They simply put the new dataplate that reads T-213 right over the original.

Bob - N0DGN

On 4/19/2014 9:12 AM, John King wrote:
>
> Thanks, Jack, I may have to improvise. 73, John, K5PGW
> ----------
> On Fri, 4/18/14, Jack Taylor <jack@...> wrote:
>
> Subject: Re: [T-368_BC-610] decals for BC-610
> To: T-368_BC-610@yahoogroups.com
> Date: Friday, April 18, 2014, 7:56 PM
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> I just had the instrument panel on my E model done by a
> local sign
> shop. They did a nice job but I had to remove
> the
> panel and bring it to them.
>
> Jack -- n7oo
>
>
>
>
> From: John King
> Sent: Friday, April 18, 2014 6:18 PM
> To: T-368_BC-610@yahoogroups.com
>
>
> Subject: [T-368_BC-610] decals for
> BC-610
>
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>
> I need decals for my BC 610F. Does anyone know of a
> source or someone who
> makes them? 73, John, K5PGW
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# 5815. Re: [T-368_BC-610] decals for BC-610

Yahoo group: T-368_BC-610
Date: 2014-04-19 14:01:48 UTC
From: John King
Topic: 5807  Message: 5815

Thanks Bob. My BC-610 F was built in May 1949 by David Bogen company. My BC 610-E was built somewhere around 1945. I am working to gt both back on the air. 73, John, K5PGW

---

On Sat, 4/19/14, rbethman <rbethman@...> wrote:

Subject: Re: [T-368_BC-610] decals for BC-610
To: T-368_BC-610@yahoogroups.com
Date: Saturday, April 19, 2014, 5:53 AM

John,

If it is any consolation, I picked up the latest
revised version
of a BC-610 in 2003.

It had gone through Depot in July '59.

They didn't silkscreen it nor did they engrave
it.  Everything is
stenciled on it.

They even stenciled the Depot rework to include the
date.

So if you end up going that way, I don't think
anyone would find
it odd.

Whatever changes made, I can't tell, other than
there aren't any
porcelain insulators on the left side.  It only
has an SO-239.
They simply put the new dataplate that reads T-213
right over the
original.

Bob - N0DGN

On 4/19/2014
9:12 AM, John King wrote:

Thanks, Jack, I may have to improvise. 73,
John, K5PGW

---

On Fri, 4/18/14, Jack Taylor <jack@...>
wrote:

Subject: Re: [T-368_BC-610] decals for BC-610

To: T-368_BC-610@yahoogroups.com

Date: Friday, April 18, 2014, 7:56 PM

I just had the instrument panel on my E model done by a

local sign

shop.  They did a nice job but I had to remove

the

panel and bring it to them.

Jack – n7oo

From: John King

Sent: Friday, April 18, 2014 6:18 PM

To: T-368_BC-610@yahoogroups.com

Subject: [T-368_BC-610] decals for

BC-610

I need decals for my BC 610F. Does anyone know of a

source or someone who

makes them? 73, John, K5PGW

# 5816. Re: [T-368_BC-610] decals for BC-610

Yahoo group: T-368_BC-610
Date: 2014-04-19 17:06:40 UTC
From: wa5cab@...
Topic: 5807  Message: 5816

I forgot to mention earlier that of three T-213/GRC-26 I bought years ago,
two were silk-screened and the third appeared to have been done by hand.

And as best I can recall, they all had the coax output MWO applied (SO-239
in place of the two porcelain insulators).

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

In a message dated 04/19/2014 08:53:43 AM Central Daylight Time,
rbethman@... writes:
> John,
>
> If it is any consolation, I picked up the latest revised version of a
> BC-610 in 2003.
>
> It had gone through Depot in July '59.
>
> They didn't silkscreen it nor did they engrave it. Everything is
> stenciled on it.
>
> They even stenciled the Depot rework to include the date.
>
> So if you end up going that way, I don't think anyone would find it odd.
>
> Whatever changes made, I can't tell, other than there aren't any porcelain
> insulators on the left side. It only has an SO-239. They simply put the
> new dataplate that reads T-213 right over the original.
>
> Bob - N0DGN
>

# 5817. T-368 AIR FILTER

Yahoo group: T-368_BC-610
Date: 2014-04-24 23:50:25 UTC
From: <donrdlph@...>
Topic: 5817  Message: 5817

If anybody wants it, it is FREE but you must pay the shipping cost.

Don W9BHI

# 5818. Re: T-368 AIR FILTER

Yahoo group: T-368_BC-610
Date: 2014-04-25 00:37:25 UTC
From: <nor750@...>
Topic: 5817  Message: 5818

Hi Don,
If the filter is not spoken for, I would like it.

Contact me at nor750 at aol dot com.

Thanks,
Ed/KJ4JST

# 5819. Re: T-368 AIR FILTER

Yahoo group: T-368_BC-610
Date: 2014-04-30 12:21:49 UTC
From: <donrdlph@...>
Topic: 5817  Message: 5819

Donated to Ed, KJ4JST.
Thanks,
Don W9BHI

# 5820. price as delivered?

Yahoo group: T-368_BC-610
Date: 2014-05-19 00:28:46 UTC
From: ab3ht@...
Topic: 5820  Message: 5820

Hello all, I'd like an idea what the original government contract price was for the t -368.

I searched the data base for this group and found nothing.

In an conversation I had with another ham, the idea was postulated that the new price was easily that of a new car .

Should this be true, in today's money, that translates to 35 to 40 thousand dollars.

Any thoughts?

73, Ed AB3HT

# 5821. Re: [T-368_BC-610] price as delivered?

Yahoo group: T-368_BC-610
Date: 2014-05-19 00:42:40 UTC
From: wa5cab@...
Topic: 5820  Message: 5821

If you can come up with either a Signal Corps or a Federal Stock Number, I have a May 1955 SIG 5-5 Signal Corps Pricing Guide. But the latest cross ref Sig 5-3 I have is Feb 1946.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

In a message dated 05/18/2014 19:28:48 PM Central Daylight Time, T-368_BC-610@yahoogroups.com writes:

> Hello all, I'd like an idea what the original government contract
> price was for the t -368.
>
> I searched the data base for this group and found nothing.
>
> In an conversation I had with another ham, the idea was postulated that
> the new price was easily that of a new car .
> Should this be true, in today's money, that translates to 35 to 40
> thousand dollars.
> Any thoughts?
>
> 73, Ed AB3HT
>
>

# 5822. Re: [T-368_BC-610] price as delivered?

Yahoo group: T-368_BC-610
Date: 2014-05-19 00:55:08 UTC
From: ken Schwieker
Topic: 5820  Message: 5822

FSN 5820-503-2640

Ken S

At 07:42 PM 5/18/2014, you wrote:
>
>
>If you can come up with either a Signal Corps or
>a Federal Stock Number, I have a May 1955 SIG
>5-5 Signal Corps Pricing Guide. But the latest
>cross ref Sig 5-3 I have is Feb 1946.
>
>Robert Downs - Houston
>wa5cab dot com (Web Store)
>MVPA 9480
>
>In a message dated 05/18/2014 19:28:48 PM
>Central Daylight Time, T-368_BC-610@yahoogroups.com writes:
>>Hello all, I'd like an idea
>>what the original government contract price was for the t -368.
>>
>>I searched the data base for this group and found nothing.
>>
>>In an conversation I had with another ham,
>>the idea was postulated that the new price was easily that of a new car .
>>Should this be true, in today's money, that
>>translates to 35 to 40 thousand dollars.
>>Any thoughts?
>>
>>73, Ed AB3HT
>
>
>

# 5823. Re: [T-368_BC-610] price as delivered?

Yahoo group: T-368_BC-610
Date: 2014-05-19 03:43:38 UTC
From: ab3ht@...
Topic: 5820  Message: 5823

Hello Robert.
I found FSN 5820-503-2640 in a publication dated 1969.
Hopeful that works.
73, Ed

# 5824. Re: [T-368_BC-610] price as delivered?

Yahoo group: T-368_BC-610
Date: 2014-05-19 04:12:48 UTC
From: wa5cab@...
Topic: 5820  Message: 5824

Sorry, the 5820's only go up to 5820-498-nnnn that year. Presumably the T-368 was still listed under the SigStkNr. And unfortunately, very seldom did they use the set nomenclature buried in the stock number.

The T-368 might not have made the 1955 price list anyway as the earliest TM date, TM 11-809, is dated Apr 1955.

I can tell you that a BC-610-E is listed at $1750 and a BC-610-H at $1610 in 1955. This probably included a set of tubes, coils and tuning units but not for example the BC-614 or BC-939. So a T-368 was quite likely a bit more.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

In a message dated 05/18/2014 20:13:54 PM Central Daylight Time,
T-368_BC-610@yahoogroups.com writes:
>
> FSN 5820-503-2640
>
> Ken S
>
> At 07:42 PM 5/18/2014, you wrote:
> >>
>>
>> If you can come up with either a Signal Corps or a Federal Stock Number,
>> I have a May 1955 SIG 5-5 Signal Corps Pricing Guide. But the latest
>> cross ref Sig 5-3 I have is Feb 1946.
>>
>> Robert Downs - Houston
>> wa5cab dot com (Web Store)
>> MVPA 9480
>>
>> In a message dated 05/18/2014 19:28:48 PM Central Daylight Time,
>> T-368_BC-610@yahoogroups.com writes:
>> >>> Hello all, I'd like an idea what the original government contract
>>> price was for the t -368.
>>>
>>> I searched the data base for this group and found nothing.
>>>
>>> In an conversation I had with another ham, the idea was postulated
>>> that the new price was easily that of a new car .
>>> Should this be true, in today's money, that translates to 35 to 40
>>> thousand dollars.
>>> Any thoughts?

>>>
>>> 73, Ed AB3HT
>>
>

# 5825. Re: [T-368_BC-610] price as delivered?

Yahoo group: T-368_BC-610
Date: 2014-05-19 04:17:19 UTC
From: wa5cab@...
Topic: 5820  Message: 5825

Ed,

It appears that the T-368 just missed the 1955 price list. And I don't have a later dated one.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

In a message dated 05/18/2014 22:43:40 PM Central Daylight Time, T-368_BC-610@yahoogroups.com writes:
> Hello Robert.
> I found FSN 5820-503-2640 in a publication dated 1969.
> Hopeful that works.
> 73, Ed
>

# 5826. TU-61 & 62 - Use Of?

Yahoo group: T-368_BC-610
Date: 2014-06-02 06:02:01 UTC
From: Roger@...
Topic: 5826  Message: 5826

Hi All,

At a local hamfest yesterday I found a seller with two TU-61 tuning units and two TU-62, all in apparently good external condition. I bought one of the 61 units as I have a PA coil to go with it but don't have any plans to go on-air with them! That led me to wonder why would the Signal Corps need a TX on 1 to 1.5 Mc, did they use them as broadcast equipment or what?

73

Roger/G3VKM - Norfolk, England.

# 5827. broadcast

Yahoo group: T-368_BC-610
Date: 2014-06-02 08:45:18 UTC
From: Alan Morriss
Topic: 5827  Message: 5827

hello roger , the US forces did indeed use the BC610 for local AFN broadcasts. the W/S53 which was the british replacement was specifically designed with this in mind . as europe was loberated broadcast ststions were set up in church crypts with the antenna going up inside the steeple. the germans were fairly quick to catch on to this . and used to shell the churches. i was told by the son of one of the designers that his father was setting one up and a shell hit the church . he was crouching down in front of the tx and it supported the rubble , thus probably saving his life.
i am told that diana dors made her first broadcast on a BC610 . according to one of the instructors when i was learning to fly , he gave her a lift home after a mess dance. she was always hanging round the base. alan G4GEN

# 5828. Re: broadcast

Yahoo group: T-368_BC-610
Date: 2014-06-02 11:44:41 UTC
From: Roger@...
Topic: 5827  Message: 5828

OK Alan,

Very interesting and I bet the BC-610 or the WS53 would be a good thing to hide behind when the shooting starts! I see the optimum antenna length for around 1 Mc/s is given as 150 ft in the manual, a convenient length for the average European church spire and would make a nice vertical. Perhaps you could offer the SCR-399 as a local AM station at the next War & Peace Show?

Tested the new TU this morning and it seems to work OK on both crystal or MO with the exciter power on but I see you have to modify the wiring around the PA RF choke if you want to come down that low in frequency, otherwise you risk burning out the choke. Think I'll pass on that. The BC-939 also needs mods to act as a loading coil.

By the way, I am finally going to use the JB-70A I got from you, Jan/PA3HCO is supplying me with a cabinet for it and that will allow PTT and give CW sidetone, something I've never had working before, plus James/MU6GCI has let me have a cable for the JB-70A to the BC-342N, so will be bringing that RX into service soon.

Hope to be on the D-Day net on Friday, will try and get on 5317 in the afternoon with the TCS.

73

Roger/G3VKM

# 5829. Re: [T-368_BC-610] T-368 RF deck

Yahoo group: T-368_BC-610
Date: 2014-06-26 23:19:05 UTC
From: Larry Godek
Topic: 5764  Message: 5829

---

On Sun, 1/26/14, Mark J. Blair <nf6x@...> wrote:

Subject: Re: [T-368_BC-610] T-368 RF deck
To: T-368_BC-610@yahoogroups.com
Date: Sunday, January 26, 2014, 12:17 PM

A few years back there was a fellow up in the Salt Lake City area i think who did meter repair. A w7 but can't remember his exact call or name. Think he hung out on the Boatanchor list on QTH.net. Don't know if he is still around or not.

Larry
W0OGH

On Jan 26, 2014, at
10:43 , mac <w7qho@...>
wrote:Acquiring
an original meter could be a long term proposition.  Making
shunts not particularly difficult though.  A friend of mine
NF6X <nf6x@...>  did
this for his T-368 and you might contact him for more
information.  I've done this cut-and-try using fine
enamel covered wire and carbon resistors for bobbins.  See
3-inch, 15ma meters going for $15 - $20 on eBay
currently.
Hi. I replaced my shunts with a
combination of standard fixed resistors and trimmer
potentiometers. I disconnected the original shunts from the
circuit, but left them in place in case an original meter
turns up. It wasn't too hard to do. I didn't take
pictures, but I can take some if it would
help.
I would have
preferred to just replace my meters with good original ones,
of course, but I didn't feel like waiting potentially
forever for them to turn up. So I adapted the meters I could
find in order to put the transmitter back on the
air.
My original
meters and Don's as well are probably repairable by
somebody with the right skills... but that's not me!
That mysterious person with the right skills might also be
able to fix my commo van clock whose flywheel seems to be a
bit too loose in its jewels.

-- Mark
J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 5830. FS: Shock mounts for military radios

Yahoo group: T-368_BC-610
Date: 2014-06-28 12:58:30 UTC
From: bcarling@...
Topic: 5830  Message: 5830

FOR SALE:

Set of 4 new 780-10G shockmounts for military radios. Mounting holes in each of 4 corners for use with four approx. #10 screws.

Dimensions: 8" X 2-3/8" X 1-3/8" tall.

Made by Barry Electronics.
Photo here:
http://af4k.com/imag/ham/shockmounts4.jpg

Please e-mail me off the list to arrang epurchase.
Will sell for $32.00 for the set.

73 & thanks for looking - Brian AF4K

Brian Carling, Radio AF4K

# 5831. Re: [T-368_BC-610] FS: Shock mounts for military radios

Yahoo group: T-368_BC-610
Date: 2014-06-30 11:47:26 UTC
From: Don Allison
Topic: 5830  Message: 5831

Good morning : I have a question .. I have a BC 348 will these mounts fit the bottom of this type rig? I really don't know which mount the BC 348 uses but the one I saw that had a mount was all one piece but if these work .. then I want some LOL .. please let me know ..

73 Don WC4D

On Sat, Jun 28, 2014 at 8:58 AM, bcarling@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:

>
>
> FOR SALE:
>
> Set of 4 new 780-10G shockmounts for military radios. Mounting holes in
> each of 4 corners for use with four approx. #10 screws.
>
> Dimensions: 8" X 2-3/8" X 1-3/8" tall.
>
> Made by Barry Electronics.
> Photo here:
> http://af4k.com/imag/ham/shockmounts4.jpg
>
> Please e-mail me off the list to arrang epurchase.
> Will sell for $32.00 for the set.
>
> 73 & thanks for looking - Brian AF4K
>
> Brian Carling, Radio AF4K
>
>
>

# 5832. Re: [T-368_BC-610] FS: Shock mounts for military radios

Yahoo group: T-368_BC-610
Date: 2014-06-30 12:00:17 UTC
From: BC
Topic: 5830  Message: 5832

yes they will.

Best regards - Brian Carling, AF4K

---- "Don Allison wc4don@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com> wrote:
> Good morning : I have a question .. I have a BC 348 will these mounts fit
> the bottom of this type rig? I really don't know which mount the BC 348
> uses but the one I saw that had a mount was all one piece but if these work
> .. then I want some LOL .. please let me know ..
>
> 73 Don WC4D
>
>
> On Sat, Jun 28, 2014 at 8:58 AM, bcarling@... [T-368_BC-610] <
> T-368_BC-610@yahoogroups.com> wrote:
>
> > >
> > >
> > > FOR SALE:
> > >
> > > Set of 4 new 780-10G shockmounts for military radios. Mounting holes in
> > > each of 4 corners for use with four approx. #10 screws.
> > >
> > > Dimensions: 8" X 2-3/8" X 1-3/8" tall.
> > >
> > > Made by Barry Electronics.
> > > Photo here:
> > > http://af4k.com/imag/ham/shockmounts4.jpg
> > >
> > > Please e-mail me off the list to arrang epurchase.
> > > Will sell for $32.00 for the set.
> > >
> > > 73 & thanks for looking - Brian AF4K
> > >
> > > Brian Carling, Radio AF4K
> > >
> > >
> > >

# 5833. Re: [T-368_BC-610] FS: Shock mounts for military radios

Yahoo group: T-368_BC-610
Date: 2014-06-30 14:56:47 UTC
From: Don Allison
Topic: 5830  Message: 5833

OK YEA I'll take them just give me your info for paypal and I'll pay you right away .. for them .. I'm working on my mower so I'll be in and out this afternoon but as soon as I see the message I'll pay you for them ..

my cell is 859-396-2299 .. just let me know what you need for shipping and all ..

thank you

73 Don WC4D

On Mon, Jun 30, 2014 at 8:00 AM, BC bcarling@cfl.rr.com [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:

> 
> 
> yes they will.
> 
> Best regards - Brian Carling, AF4K
> 
> 
> ---- "Don Allison wc4don@... [T-368_BC-610]" <
> T-368_BC-610@yahoogroups.com> wrote:
> > Good morning : I have a question .. I have a BC 348 will these mounts fit
> > the bottom of this type rig? I really don't know which mount the BC 348
> > uses but the one I saw that had a mount was all one piece but if these
> work
> > .. then I want some LOL .. please let me know ..
> > 
> > 73 Don WC4D
> > 
> > 
> > On Sat, Jun 28, 2014 at 8:58 AM, bcarling@... [T-368_BC-610] <
> > T-368_BC-610@yahoogroups.com> wrote:
> > 
> > > 
> > > 
> > > FOR SALE:
> > > 
> > > Set of 4 new 780-10G shockmounts for military radios. Mounting holes in
> > > each of 4 corners for use with four approx. #10 screws.
> > > 
> > > Dimensions: 8" X 2-3/8" X 1-3/8" tall.
> > > 
> > > Made by Barry Electronics.
> > > Photo here:

> > > http://af4k.com/imag/ham/shockmounts4.jpg
> > >
> > > Please e-mail me off the list to arrang epurchase.
> > > Will sell for $32.00 for the set.
> > >
> > > 73 & thanks for looking - Brian AF4K
> > >
> > > Brian Carling, Radio AF4K
> > >
> > >
> > >
>
>
>

# 5834. Re: [T-368_BC-610] FS: Shock mounts for military radios

Yahoo group: T-368_BC-610
Date: 2014-06-30 15:26:10 UTC
From: Brian Carling
Topic: 5830  Message: 5834

Thank you Don,

Please send $32.00 plus $7 USA shipping = $39.00 total to Paypal acct
bcarling@...

Best regards - Bry Carling

> On Jun 30, 2014, at 10:56 AM, "Don Allison wc4don@... [T-368_BC-610]"
<T-368_BC-610@yahoogroups.com> wrote:
>
>
>
> OK YEA I'll take them just give me your info for paypal and I'll pay you right away ..
for them .. I'm working on my mower so I'll be in and out this afternoon but as soon as I
see the message I'll pay you for them ..
>
>
> my cell is 859-396-2299 .. just let me know what you need for shipping and all ..
>
> thank you
>
> 73 Don WC4D
>
>
>> On Mon, Jun 30, 2014 at 8:00 AM, BC bcarling@... [T-368_BC-610]
<T-368_BC-610@yahoogroups.com> wrote:
>>
>> yes they will.
>>
>> Best regards - Brian Carling, AF4K
>>
>>
>>
>> ---- "Don Allison wc4don@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com> wrote:
>> > Good morning : I have a question .. I have a BC 348 will these mounts fit
>> > the bottom of this type rig? I really don't know which mount the BC 348
>> > uses but the one I saw that had a mount was all one piece but if these work
>> > .. then I want some LOL .. please let me know ..
>> >
>> > 73 Don WC4D
>> >
>> >
>> > On Sat, Jun 28, 2014 at 8:58 AM, bcarling@cfl.rr.com [T-368_BC-610] <
>> > T-368_BC-610@yahoogroups.com> wrote:
>> >
>> > >

>> > >
>> > > FOR SALE:
>> > >
>> > > Set of 4 new 780-10G shockmounts for military radios. Mounting holes in
>> > > each of 4 corners for use with four approx. #10 screws.
>> > >
>> > > Dimensions: 8" X 2-3/8" X 1-3/8" tall.
>> > >
>> > > Made by Barry Electronics.
>> > > Photo here:
>> > > http://af4k.com/imag/ham/shockmounts4.jpg
>> > >
>> > > Please e-mail me off the list to arrang epurchase.
>> > > Will sell for $32.00 for the set.
>> > >
>> > > 73 & thanks for looking - Brian AF4K
>> > >
>> > > Brian Carling, Radio AF4K
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>

# 5835. Re: [T-368_BC-610] FS: Shock mounts for military radios

Yahoo group: T-368_BC-610
Date: 2014-06-30 15:41:02 UTC
From: Don Allison
Topic: 5830  Message: 5835

Ok Bry ... you have the money in your Paypal account .. I just sent it .. the address is on paypal and good in QRZ ...

73 Don WC4D

On Mon, Jun 30, 2014 at 11:26 AM, Brian Carling bcarling@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:

> 
> 
> Thank you Don,
> 
> Please send $32.00 plus $7 USA shipping = $39.00 total to Paypal acct
> bcarling@...
> 
> Best regards - Bry Carling
> 
> 
> 
> On Jun 30, 2014, at 10:56 AM, "Don Allison wc4don@...
> [T-368_BC-610]" <T-368_BC-610@yahoogroups.com> wrote:
> 
> OK YEA I'll take them just give me your info for paypal and I'll pay you
> right away .. for them .. I'm working on my mower so I'll be in and out
> this afternoon but as soon as I see the message I'll pay you for them ..
> 
> 
> my cell is 859-396-2299 .. just let me know what you need for shipping
> and all ..
> 
> thank you
> 
> 73 Don WC4D
> 
> 
> On Mon, Jun 30, 2014 at 8:00 AM, BC bcarling@... [T-368_BC-610] <
> T-368_BC-610@yahoogroups.com> wrote:
> 
>> 
>> 
>> yes they will.
>> 
>> Best regards - Brian Carling, AF4K
>> 
>> 
>> ---- "Don Allison wc4don@... [T-368_BC-610]" <

>> T-368_BC-610@yahoogroups.com> wrote:
>> > Good morning : I have a question .. I have a BC 348 will these mounts
>> fit
>> > the bottom of this type rig? I really don't know which mount the BC 348
>> > uses but the one I saw that had a mount was all one piece but if these
>> work
>> > .. then I want some LOL .. please let me know ..
>> >
>> > 73 Don WC4D
>> >
>> >
>> > On Sat, Jun 28, 2014 at 8:58 AM, bcarling@... [T-368_BC-610] <
>> > T-368_BC-610@yahoogroups.com> wrote:
>> >
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>> > >
>> > > FOR SALE:
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>> > > Set of 4 new 780-10G shockmounts for military radios. Mounting holes
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>> > > each of 4 corners for use with four approx. #10 screws.
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>> > > Dimensions: 8" X 2-3/8" X 1-3/8" tall.
>> > >
>> > > Made by Barry Electronics.
>> > > Photo here:
>> > > http://af4k.com/imag/ham/shockmounts4.jpg
>> > >
>> > > Please e-mail me off the list to arrang epurchase.
>> > > Will sell for $32.00 for the set.
>> > >
>> > > 73 & thanks for looking - Brian AF4K
>> > >
>> > > Brian Carling, Radio AF4K
>> > >
>> > >
>> > >
>>
>>
>
>

# 5836. Barry Mounts

Yahoo group: T-368_BC-610
Date: 2014-07-01 12:50:07 UTC
From: stevehobensack@...
Topic: 5836  Message: 5836

Barry mounts work well with most equipment. Do a Google Images search and they will show up in many different shapes and models. Be advised that the weight ratings vary. You must know the weight of your equipment, total, divide and distribute the weight as per each mount. N8YE

# 5837. Need

Yahoo group: T-368_BC-610
Date: 2014-07-02 12:01:59 UTC
From: Dave Mayfield
Topic: 5837  Message: 5837

My T-368 is in need of a new R4 in the RF deck, it's 80k 200watt. Does anyone have or know a source for one of these please?

--
73 Dave W9WRL
http://www.w9wrl.com/w9wrl
http://www.facebook.com/w9wrl
http://www.facebook.com/qchams
Twitter @w9wrl

# 5838. Re: [T-368_BC-610] Need

Yahoo group: T-368_BC-610
Date: 2014-07-04 01:27:34 UTC
From: mac
Topic: 5837  Message: 5838

Dave,

You could get a way with using a 100 watt unit in that application.
Even if the clamp tube or screen bypass cap developed a dead short to
ground R4 would be dissipating only 78 watts (2500 volt HV), and in
normal phone operation R4 is dissipating less than 50 watts on key-down.

Dennis D. W7QHO
Glendale, CA

**********
On Jul 2, 2014, at 5:01 AM, Dave Mayfield wrl@... [T-368_BC-610]
wrote:

> My T-368 is in need of a new R4 in the RF deck, it's 80k 200watt. Does
> anyone have or know a source for one of these please?
>
> --
> 73 Dave W9WRL
> http://www.w9wrl.com/w9wrl
> http://www.facebook.com/w9wrl
> http://www.facebook.com/qchams
> Twitter @w9wrl
>
>

# 5839. Re: [T-368_BC-610] Need

Yahoo group: T-368_BC-610
Date: 2014-07-05 18:03:18 UTC
From: K3PID
Topic: 5837  Message: 5839

Hi Dave, I have found replacements for those big wirewound high wattage resistors at surplus sales of Nebraska. They have a pretty good selection listed on the web site...

Good luck
Ron K3PID

-----Original Message-----
From: Dave Mayfield wrl@... [T-368_BC-610]
Sent: Wednesday, July 02, 2014 7:01 AM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] Need

My T-368 is in need of a new R4 in the RF deck, it's 80k 200watt. Does anyone have or know a source for one of these please?

--
73 Dave W9WRL
http://www.w9wrl.com/w9wrl
http://www.facebook.com/w9wrl
http://www.facebook.com/qchams
Twitter @w9wrl

---
Posted by: Dave Mayfield <wrl@...>
---

---

Yahoo Groups Links

# 5840. This is not a drill

Yahoo group: T-368_BC-610
Date: 2014-07-19 15:46:14 UTC
From: Mark Foltarz
Topic: 5840  Message: 5840

Group,

T-368 in good condition available for $50 west of Milwaukee,WI.

Contact : Forrest Anderson <jmander@...>;

de KA4JVY

Mark

# 5841. Re: [T-368_BC-610] This is not a drill

Yahoo group: T-368_BC-610
Date: 2014-07-19 21:16:29 UTC
From: Mark J. Blair
Topic: 5840  Message: 5841

On Jul 19, 2014, at 08:46 , Mark Foltarz Foltarz@... [T-368_BC-610]
<T-368_BC-610@yahoogroups.com> wrote:
> Group,
>
> T-368 in good condition available for $50 west of Milwaukee,WI.
>
> Contact : Forrest Anderson <jmander@...>;

WOW! Somebody grab that ASAP!

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 5842. [T-368_BC-610] This is not a drill - SOLD

Yahoo group: T-368_BC-610
Date: 2014-07-20 15:10:33 UTC
From: Mark Foltarz
Topic: 5840  Message: 5842

The T3 has found a new home in W9 land

de KA4JVY

Mark

>_____
> From: "Mark Foltarz Foltarz@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
>To: T-368_BC-610 Group Group <t-368_bc-610@yahoogroups.com>; Discussion of AM Radio In the Amateur Service <amradio@...>; "jmander@..." <jmander@...>
>Sent: Saturday, July 19, 2014 11:46 AM
>Subject: [T-368_BC-610] This is not a drill
>
>
>
>
>
>
>
>
>Group,
>
>
>    T-368 in good condition available for $50 west of Milwaukee,WI.
>
>
>
>  Contact  :   Forrest Anderson <jmander@...>;
>
>
>  de KA4JVY
>
>
>Mark
>
>
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>

# 5843. Re: [T-368_BC-610] This is not a drill - SOLD

Yahoo group: T-368_BC-610
Date: 2014-07-21 16:36:07 UTC
From: donrdlph@...
Topic: 5840  Message: 5843

KC9IEQ snatched it up.
For now the T-368 has found a new home in my shack.
After a lot of cleaning and inspection, I will get it fired up and see if it smokes.

Don W9BHI

# 5844. Re: [T-368_BC-610] This is not a drill - SOLD

Yahoo group: T-368_BC-610
Date: 2014-07-21 17:26:47 UTC
From: Robert Feldtman
Topic: 5840  Message: 5844

I wouldn't do that! - Might have a blue spark and the magic smoke will escape... not to say that it could be very dangerous. Remember a BC610 will kill you. I say this with all due respect and you may be very very aware, but just saying... as the kids say today... I hope you have a good big variac to ease the power up slowly.

bobf

# 5845. Re: [T-368_BC-610] This is not a drill - SOLD

Yahoo group: T-368_BC-610
Date: 2014-07-21 18:02:15 UTC
From: donrdlph@...
Topic: 5840  Message: 5845

Thanks for the warning.
I do have some experience with T-368 as I already own one and have had to do some troubleshooting on the H V power supply.
I have downloaded a file on this site on how to power up the PS deck on the bench.
I will try to not let the smoke out of it because it is very difficult to get it back in

Thanks,
Don W9BHI

# 5846. Re: [T-368_BC-610] This is not a drill - SOLD

Yahoo group: T-368_BC-610
Date: 2014-07-23 04:01:55 UTC
From: kc9ieq@...
Topic: 5840  Message: 5846

Don, my ears are itching!

Hello group, thanks for allowing me among your ranks and hopefully I won't be booed and hissed at for having been so lucky! This is definitely one of those legendary, "I heard about a guy who got a ____ for $50!!!" kind of tales. We've all been blessed with finding a piece of gear at less than scrap price at least once, this one just happened to weigh in a little heavier!

The unit is/was indeed in good complete condition, but it was a mouse hotel for quite a while, likely years ago. It looks like somebody left the bottom drawer open, allowing the little varmints inside and have their way with the thing. Luckily very little wiring looks to have been eaten, but the bottom was absolutely full of turds and there are rust spots on every single chassis and transformer from their urine. Cleaning and disinfecting will be my/our first plan of attack.

Long story short, the previous owner was a ham back in the 50's, let his license lapse, and doesn't seem to have much interest in returning to the ranks. The story on this T-3 as he recalls, is that he purchased it at an auction around 15 years ago, for the whopping sum of $5.00 and never fired it up. Apparently this auction contained lots of radio stuff from a wealthy ham in WI who went to prison for something. The full story of where it came from before that, I'll probably never know.

I'm lucky, in that Don happens to be just down the road a few miles and is willing to help me get this beast on the air. It's scary ironic though, as his T-368F is 14 serial numbers older than mine. They very well could have been crated and shipped on the very same day! One major difference, is that I will be looking for the antenna coupler unit that bolts on top. I run ladder line and wire, so why not! I have a R-390A rack that will make a perfect pairing with the TX.

I will likely spent lots of time searching the archives here, and maybe asking a dumb question or twenty. Maybe someday I can share what I've learned with another mega-anchor "newbie"!

Regards,
Chris kc9ieq

# 5847. Re: [T-368_BC-610] This is not a drill - SOLD

Yahoo group: T-368_BC-610
Date: 2014-07-23 12:38:21 UTC
From: kd1yt@...
Topic: 5840  Message: 5847

Congratulations and welcome.

Re: the antenna tuner, be aware that it is an impressive unit for what it is (engineered and built hell-for-stout) but it was designed and configured to load low impedance short whips and short wires on well below their resonant frequencies, so it is not really adapted (or readily adaptable (without major hacking) to "usual ham tuner expectations" especially for something like balanced open wire feeders.

73
de
Trevor
KD1YT
VT, USA

-----Original Message-----
From: "kc9ieq@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
Sent: Wednesday, July 23, 2014 12:01am
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] This is not a drill - SOLD

Don, my ears are itching!

Hello group, thanks for allowing me among your ranks and hopefully I won't be booed and hissed at for having been so lucky! This is definitely one of those legendary, "I heard about a guy who got a ____ for $50!!!" kind of tales. We've all been blessed with finding a piece of gear at less than scrap price at least once, this one just happened to weigh in a little heavier!

The unit is/was indeed in good complete condition, but it was a mouse hotel for quite a while, likely years ago. It looks like somebody left the bottom drawer open, allowing the little varmints inside and have their way with the thing. Luckily very little wiring looks to have been eaten, but the bottom was absolutely full of turds and there are rust spots on every single chassis and transformer from their urine. Cleaning and disinfecting will be my/our first plan of attack.

Long story short, the previous owner was a ham back in the 50's, let his license lapse, and doesn't seem to have much interest in returning to the ranks. The story on this T-3 as he recalls, is that he purchased it at an auction around 15 years ago, for the whopping sum of $5.00 and never fired it up. Apparently this auction contained lots of radio stuff from a wealthy ham in WI who went to prison for something. The full story of where it came from before that, I'll probably never know.

I'm lucky, in that Don happens to be just down the road a few miles and is willing to help me get this beast on the air. It's scary ironic though, as his T-368F is 14 serial numbers older than mine. They very well could have been crated and shipped on the very same day! One major difference, is that I will be looking for the antenna coupler unit that bolts on top. I run ladder line and wire, so why not! I have a R-390A rack that will make a perfect

pairing with the TX.

I will likely spent lots of time searching the archives here, and maybe asking a dumb question or twenty. Maybe someday I can share what I've learned with another mega-anchor "newbie"!

Regards,
Chris kc9ieq

# 5848. Re: [T-368_BC-610] This is not a drill - SOLD

Yahoo group: T-368_BC-610
Date: 2014-07-23 14:49:10 UTC
From: Robert Nickels
Topic: 5840  Message: 5848

On 7/22/2014 11:01 PM, kc9ieq@... [T-368_BC-610] wrote:
> Hello group, thanks for allowing me among your ranks and hopefully I
> won't be booed and hissed at for having been so lucky! This is
> definitely one of those legendary, "I heard about a guy who got a ____
> for $50!!!" kind of tales.

At the possible risk of embarrassing Chris just a bit, I'd like to point out that he is one of the youngest hams to frequent the hamfests in the IL-WI area and is just as nuts about boatanchors as any of the rest of us! I'm tickled to see this deal go to such a deserving fella and one that I know will do what it takes to restore and use it!

Since it would be OT for Chris to tell you about his vintage rides, *I* will do so ;-) -- how many of US drive a beautiful white '63 Chevy Impala sporting a Webster Bandspanner and TR-4 under the dash to hamfests? (Yes, he knows the TR-4 didn't come out until 1965 but we've agreed to give special dispensation for this vintage anomaly). Chris also has some kind of GM land-cruiser so he's no stranger to heavy metal or the kind of work that will be required. I'm looking forward to hearing it on the air, and making a T3-T3 QSO!

73, Bob W9RAN

# 5849. RE: [T-368_BC-610] This is not a drill - SOLD

Yahoo group: T-368_BC-610
Date: 2014-07-23 14:53:22 UTC
From: Tom Mackie
Topic: 5840 Message: 5849

“At the possible risk of embarrassing Chris just a bit, I'd like to point
out that he is one of the youngest hams to frequent the hamfests”

This is good to know.. someone will be able to inherit my stuff!

73
W2ILA

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
Sent: Wednesday, July 23, 2014 10:49 AM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] This is not a drill - SOLD

On 7/22/2014 11:01 PM, kc9ieq@yahoo.com<mailto:kc9ieq@yahoo.com> [T-368_BC-610] wrote:
> Hello group, thanks for allowing me among your ranks and hopefully I
> won't be booed and hissed at for having been so lucky! This is
> definitely one of those legendary, "I heard about a guy who got a ____
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out that he is one of the youngest hams to frequent the hamfests in the
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Chris also has some kind of GM land-cruiser so he's no stranger to heavy
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to hearing it on the air, and making a T3-T3 QSO!

73, Bob W9RAN

# 5850. RE: [T-368_BC-610] This is not a drill - SOLD

Yahoo group: T-368_BC-610
Date: 2014-07-23 15:24:33 UTC
From: kd1yt@...
Topic: 5840  Message: 5850

It's good to know that we're not dying out, and that the technology, appreciation, and knowledge will continue on...

I am in my late 40s and was an anomaly when I became a ham in the early 80s and all of the old timers where I grew up (near Fort Monmouth) were offering to give me old stuff or sell it to me at a pittance, and they thought it odd that this 'kid' wanted any of the "heavy and obsolete" stuff that they were ready to toss. I only wish I'd had cash flow and storage space to have acquired all of the things that crossed my path (I still pine wistfully for the *pristine* Hallicrafters Hurricane 2000 with matching VFO that I could have had for $200, although $200 for me back then was half a summer's income and I needed it to pay car insurance).

73
Trevor
KD1YT

-----Original Message-----
From: "Tom Mackie tom_mackie@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
Sent: Wednesday, July 23, 2014 10:53am
To: "T-368_BC-610@yahoogroups.com" <T-368_BC-610@yahoogroups.com>
Subject: RE: [T-368_BC-610] This is not a drill - SOLD

“At the possible risk of embarrassing Chris just a bit, I'd like to point out that he is one of the youngest hams to frequent the hamfests”

This is good to know.. someone will be able to inherit my stuff!

73
W2ILA

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
Sent: Wednesday, July 23, 2014 10:49 AM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] This is not a drill - SOLD

On 7/22/2014 11:01 PM, [ kc9ieq@... ]( mailto:kc9ieq@... ) [T-368_BC-610] wrote:
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> won't be booed and hissed at for having been so lucky! This is
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> for $50!!!" kind of tales.

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73, Bob W9RAN

# 5851. Re: [T-368_BC-610] This is not a drill - SOLD

Yahoo group: T-368_BC-610
Date: 2014-07-23 16:55:01 UTC
From: Brian Harris
Topic: 5840 Message: 5851

And I thought I was lucky when I got my BC-610I for $50, delivered to my door and brought in my ham shack. Wa5uek

Sent from my iPhone

On Jul 22, 2014, at 11:01 PM, "kc9ieq@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com> wrote:

> Don, my ears are itching!
>
> Hello group, thanks for allowing me among your ranks and hopefully I won't be booed and hissed at for having been so lucky! This is definitely one of those legendary, "I heard about a guy who got a ____ for $50!!!" kind of tales. We've all been blessed with finding a piece of gear at less than scrap price at least once, this one just happened to weigh in a little heavier!
>
> The unit is/was indeed in good complete condition, but it was a mouse hotel for quite a while, likely years ago. It looks like somebody left the bottom drawer open, allowing the little varmints inside and have their way with the thing. Luckily very little wiring looks to have been eaten, but the bottom was absolutely full of turds and there are rust spots on every single chassis and transformer from their urine. Cleaning and disinfecting will be my/our first plan of attack.
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> Long story short, the previous owner was a ham back in the 50's, let his license lapse, and doesn't seem to have much interest in returning to the ranks. The story on this T-3 as he recalls, is that he purchased it at an auction around 15 years ago, for the whopping sum of $5.00 and never fired it up. Apparently this auction contained lots of radio stuff from a wealthy ham in WI who went to prison for something. The full story of where it came from before that, I'll probably never know.
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> I will likely spent lots of time searching the archives here, and maybe asking a dumb question or twenty. Maybe someday I can share what I've learned with another mega-anchor "newbie"!
>
> Regards,
> Chris kc9ieq
>
>

# 5852. Re: [T-368_BC-610] This is not a drill - SOLD

Yahoo group: T-368_BC-610
Date: 2014-07-23 16:56:16 UTC
From: bavarianradio@...
Topic: 5840  Message: 5852

Congrats to Chris!!! The most important asset to this hobby are people like Chris!! We should be giving this stuff to the young folks
in this hobby because they are the future of this (and many other ) hobby(ies) My kids don't have any appreciation for this stuff(My youngest son Alex 20 wants my Racal ra17 because it appears in some James Bond movies). Maybe this is my fault, but how can we compete with I phones etc?? The museums are full and auctions here and in the antique radio community are filling up from SK estates and such. It is really refreshing to know of someone who isn't an old grey haired geezer, who appreciates a good T3 and all the other goodies he has. 73 Ross W1EKG

----- Original Message -----
At the possible risk of embarrassing Chris just a bit, I'd like to point out that he is one of the youngest hams to frequent the hamfests in the IL-WI area and is just as nuts about boatanchors as any of the rest of us! I'm tickled to see this deal go to such a deserving fella and one that I know will do what it takes to restore and use it!

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73, Bob W9RAN

---
Posted by: Robert Nickels <ranickel@...>
---

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Yahoo Groups Links

# 5853. Sealing leaky transformers?

Yahoo group: T-368_BC-610
Date: 2014-07-23 17:19:10 UTC
From: Chris Farley
Topic: 5853 Message: 5853

Many of the T-3 transformers and oil
filled capacitors have rubber seals between the ceramic insulators and
housings. These are dried out and cracking on the outside, but haven't
yet started leading. Some of the iron in other transmitters HAVE started to leak, so it's
a WHEN not an IF problem.

I'm thinking to wipe /inject some sort of RTV or silicone sealant atop all
the seals to both create a barrier so air/ozone can no longer attack the old rubber, and to
hopefully prevent any future leaks. I wonder what might be a good candidate that
A) won't
further harm the rubber or attack metal as the sealant outgasses,
B) will be able to
withstand HV and RF up to maybe 5kv, and
C) will withstand
PCB transformer oil in the long run.

Any ideas??

Chris

# 5854. Re: [T-368_BC-610] This is not a drill - SOLD

Yahoo group: T-368_BC-610
Date: 2014-07-23 17:43:28 UTC
From: mac
Topic: 5840  Message: 5854

Let me second that!

I had the original military antenna tuner with my T-368(s) as well.
It DOES NOT WORK with any of the antennas hams usually use.

Dennis D. W7QHO
Glendale, CA

***************
On Jul 23, 2014, at 5:38 AM, kd1yt@... [T-368_BC-610] wrote:

> Re: the antenna tuner, be aware that it is an impressive unit for
> what it is (engineered and built hell-for-stout) but it was designed
> and configured to load low impedance short whips and short wires on
> well below their resonant frequencies, so it is not really adapted
> (or readily adaptable (without major hacking) to "usual ham tuner
> expectations" especially for something like balanced open wire
> feeders.
>
> 73
> de
> Trevor
> KD1YT
> VT, USA
>
>

# 5855. RE: [T-368_BC-610] Sealing leaky transformers?

Yahoo group: T-368_BC-610
Date: 2014-07-23 17:53:02 UTC
From: kd1yt@...
Topic: 5853  Message: 5855

I do not know for sure how they are with HV (you'd want to check), but some of the Sikkens sealing compounds - Sikaflex and its relatives- are exceptional at adhesion, resilience, temperatures, bonding to less than ideal surfaces, etc. They make RTV look like PlayDoh. Their only drawback is that you _don't_ want to get them on anything that you don't want them on... masking, gloves, etc., are mandatory.

73
de
KD1YT

-----Original Message-----
From: "Chris Farley kc9ieq@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
Sent: Wednesday, July 23, 2014 1:19pm
To: "T-368_BC-610@yahoogroups.com" <T-368_BC-610@yahoogroups.com>
Subject: [T-368_BC-610] Sealing leaky transformers?

Many of the T-3 transformers and oil filled capacitors have rubber seals between the ceramic insulators and housings. These are dried out and cracking on the outside, but haven't yet started leading. Some of the iron in other transmitters HAVE started to leak, so it's a WHEN not an IF problem.
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A) won't further harm the rubber or attack metal as the sealant outgasses,
B) will be able to withstand HV and RF up to maybe 5kv, and
C) will withstand PCB transformer oil in the long run.
Any ideas??
Chris

# 5856. RE: [T-368_BC-610] Sealing leaky transformers?

Yahoo group: T-368_BC-610
Date: 2014-07-23 17:53:34 UTC
From: kd1yt@...
Topic: 5853  Message: 5856

oh yeah- it'd be helpful if I share the link:
[ http://usa.sika.com/en/solutions_products/01/01a004/01a004sa05/01a004sa05100/01a004sa05102.html ]( http://usa.sika.com/en/solutions_products/01/01a004/01a004sa05/01a004sa05100/01a004sa05102.html )

-----Original Message-----
From: kd1yt@...
Sent: Wednesday, July 23, 2014 1:53pm
To: T-368_BC-610@yahoogroups.com
Subject: RE: [T-368_BC-610] Sealing leaky transformers?

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KD1YT

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From: "Chris Farley kc9ieq@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
Sent: Wednesday, July 23, 2014 1:19pm
To: "T-368_BC-610@yahoogroups.com" <T-368_BC-610@yahoogroups.com>
Subject: [T-368_BC-610] Sealing leaky transformers?

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Any ideas??
Chris

# 5857. Re: [T-368_BC-610] This is not a drill - SOLD

Yahoo group: T-368_BC-610
Date: 2014-07-23 17:54:52 UTC
From: kc9ieq
Topic: 5840  Message: 5857

Ok guys thanks for setting me straight on the tuner then.  I still wouldn't mind finding one to bolt atop the TX for the sake of making it "complete", but if it would basically only be a display piece then I won't look hard, be in any hurry, or plan to spend much.  On the other hand, if I ever take the T3 mobile....

:)

Regards,
Chris

Sent from my Verizon Wireless 4G LTE smartphone

-------- Original message --------
From: "mac w7qho@aol.com [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
Date:07/23/2014 12:43 PM (GMT-06:00)
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] This is not a drill - SOLD

Let me second that!

I had the original military antenna tuner with my T-368(s) as well. It DOES NOT WORK with any of the antennas hams usually use.

Dennis D. W7QHO
Glendale, CA

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On Jul 23, 2014, at 5:38 AM, kd1yt@pshift.com [T-368_BC-610] wrote:

Re: the antenna tuner, be aware that it is an impressive unit for what it is (engineered and built hell-for-stout) but it was designed and configured to load low impedance short whips and short wires on well below their resonant frequencies, so it is not really adapted (or readily adaptable (without major hacking) to "usual ham tuner expectations" especially for something like balanced open wire feeders.

73
de
Trevor
KD1YT
VT, USA

# 5858. RE: [T-368_BC-610] This is not a drill - SOLD

Yahoo group: T-368_BC-610
Date: 2014-07-23 18:20:52 UTC
From: Thekan, Paul
Topic: 5840  Message: 5858

Dennis , W7QHO , ran his T-368 portable/fixed mobile in the back of his mini van some years ago at the MRCG Meet at San Luis Obispo.

Dennis….not sure you'd do that again but it was a sight to behold.

Paul
N6FEG

From: T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>
[mailto:T-368_BC-610@yahoogroups.com]
Sent: Wednesday, July 23, 2014 10:55 AM
To: mac w7qho@...<mailto:w7qho@...> [T-368_BC-610]
Subject: Re: [T-368_BC-610] This is not a drill - SOLD

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Trevor
KD1YT
VT, USA

_____

This message, including any attachments, may include privileged,
confidential and/or inside information. Any distribution or use of this
communication by anyone other than the intended recipient(s) is strictly
prohibited and may be unlawful. If you are not the intended recipient,
please notify the sender by replying to this message and then delete it from your system.

[Non-text portions of this message have been removed]

# 5859. Re: [T-368_BC-610] This is not a drill - SOLD

Yahoo group: T-368_BC-610
Date: 2014-07-23 22:58:43 UTC
From: Joe Foley
Topic: 5840  Message: 5859

Welcome, post pictures!

Joe KG2CI

List owner.

On Wednesday, July 23, 2014 12:01 AM, "kc9ieq@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com> wrote:

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Long story short, the previous owner was a ham back in the 50's, let his license lapse, and doesn't seem to have much interest in returning to the ranks.  The story on this T-3 as he recalls, is that he purchased it at an auction around 15 years ago, for the whopping sum of $5.00 and never fired it up.  Apparently this auction contained lots of radio stuff from a wealthy ham in WI who went to prison for something.  The full story of where it came from before that, I'll probably never know.

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Regards,
Chris kc9ieq

# 5860. Re: [T-368_BC-610] Sealing leaky transformers?

Yahoo group: T-368_BC-610
Date: 2014-07-23 23:00:45 UTC
From: Joe Foley
Topic: 5853  Message: 5860

Super glue?

Joe

On Wednesday, July 23, 2014 1:19 PM, "Chris Farley kc9ieq@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com> wrote:

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filled capacitors have rubber seals between the ceramic insulators and
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C) will withstand
PCB transformer oil in the long run.

Any ideas??

Chris

# 5861. Re: [T-368_BC-610] This is not a drill - SOLD

Yahoo group: T-368_BC-610
Date: 2014-07-23 23:16:34 UTC
From: n8zba@...
Topic: 5840  Message: 5861

Chris,

Congratulations on the remarkable find. I hope you and Don get her up and running real soon.

I can't wait for the day to roll my first t-3 or bc610 into the shack.

It's nice to see there are others in the age group enjoying the AM side of the hobby. Hope to hear it on the air this coming winter and have a qso.

73 fer now
Dan
N8ZBA

Sent from my iPhone

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> Long story short, the previous owner was a ham back in the 50's, let his license lapse, and doesn't seem to have much interest in returning to the ranks. The story on this T-3 as he recalls, is that he purchased it at an auction around 15 years ago, for the whopping sum of $5.00 and never fired it up. Apparently this auction contained lots of radio stuff from a wealthy ham in WI who went to prison for something. The full story of where it came from before that, I'll probably never know.
>
> I'm lucky, in that Don happens to be just down the road a few miles and is willing to help me get this beast on the air. It's scary ironic though, as his T-368F is 14 serial numbers older than mine. They very well could have been crated and shipped on the very same day! One major difference, is that I will be looking for the antenna coupler unit that bolts on top. I run ladder line and wire, so why not! I have a R-390A rack that will make a

perfect pairing with the TX.
>
> I will likely spent lots of time searching the archives here, and maybe asking a dumb question or twenty. Maybe someday I can share what I've learned with another mega-anchor "newbie"!
>
> Regards,
> Chris kc9ieq
>
>

# 5862. Re: [T-368_BC-610] This is not a drill - SOLD

Yahoo group: T-368_BC-610
Date: 2014-07-24 00:04:11 UTC
From: Mark J. Blair
Topic: 5840  Message: 5862

At 45, I'm not sure whether I'm one of those young kids who likes the old boatanchors, or an old timer. Y'all be the judge. :)

I paid $1575.42 for my T-368, and I'm super happy with it. $50 would have been a nicer price, of course! I may have found one much cheaper if I waited a few more years and planned for truck shipment, but I paid a premium to grab one when it showed up within a short drive.

Mine came with both the tuner and the FSK modulator mounted up top. I've taken off the tuner and stashed it away so I can set a station monitor scope and frequency counter in that spot, but I to plan to get the FSK modulator up and running one of these days. I keep the tuner for sake of originality, but it can live out in storage rather than in the shack for now.

I remember when Dennis had a T-368 in his little van with his pneumatic telescopic mast on the back. That van sure leaned to the left! :)

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 5863. Re: [T-368_BC-610] Sealing leaky transformers? Proven Soulution > 10 years operational

Yahoo group: T-368_BC-610
Date: 2014-07-24 01:47:56 UTC
From: Mark Foltarz
Topic: 5853  Message: 5863

Group,

My T3 exhibited the dreaded oil leakage from the rubber gaskets on the porcelain HV insulators.

I removed the transformer, set it insulator up, used a can of brake clean to rid the surfaces of the oil leakage.
The surfaces were ready for the sealer.
Mix up both tubes of a JB Weld packet.

Put it all on.

Make art !

Cause it will barely look like the underside of a transformer when you are done !

I did this and it has lasted for 10 years.
Your mileage may vary. etc

de KA4JVY
Mark

>_____
> From: "Joe Foley redmenaced@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
>To: "T-368_BC-610@yahoogroups.com" <T-368_BC-610@yahoogroups.com>
>Sent: Wednesday, July 23, 2014 7:00 PM
>Subject: Re: [T-368_BC-610] Sealing leaky transformers?
>
>
>
>
>Super glue?
>
>
>Joe
>
>
>
>
>On Wednesday, July 23, 2014 1:19 PM, "Chris Farley kc9ieq@... [T-368_BC-610]"
<T-368_BC-610@yahoogroups.com> wrote:
>
>
>
>

>Many of the T-3 transformers and oil
filled capacitors have rubber seals between the ceramic insulators and
housings.  These are dried out and cracking on the outside, but haven't
yet started leading.  Some of the iron in other transmitters HAVE started to leak, so it's
a WHEN not an IF problem.
>
>
>I'm thinking to wipe /inject some sort of RTV or silicone sealant atop all
the seals to both create a barrier so air/ozone can no longer attack the old rubber, and to
hopefully prevent any future leaks.   I wonder what might be a good candidate that
>A) won't
further harm the rubber or attack metal as the sealant outgasses,
>B) will be able to
withstand HV and RF up to maybe 5kv, and
>C) will withstand
PCB transformer oil in the long run.
>
>
>
>Any ideas??
>
>
>Chris
>
>
>
>
>
>
>
>

# 5864. Fwd: NZ1AF Military Shack

Yahoo group: T-368_BC-610
Date: 2014-07-24 21:49:00 UTC
From: christopher jasper
Topic: 5864  Message: 5864
Attachments: 1 described; binary payloads are missing from this source WARC

Begin forwarded message:

> From: 6178399614@...
> Date: July 24, 2014 5:32:31 PM EDT
> To: nancychristoph@...
>

# 5865. Fwd: NZ1AF Military Shack

Yahoo group: T-368_BC-610
Date: 2014-07-24 21:50:06 UTC
From: christopher jasper
Topic: 5865  Message: 5865
Attachments: 1 described; binary payloads are missing from this source WARC

Begin forwarded message:

> From: 6178399614@...
> Date: July 24, 2014 5:32:34 PM EDT
> To: nancychristoph@...
>

# 5866. Fwd: NZ1AF Military Shack

Yahoo group: T-368_BC-610
Date: 2014-07-24 21:50:42 UTC
From: christopher jasper
Topic: 5865  Message: 5866
Attachments: 1 described; binary payloads are missing from this source WARC

Begin forwarded message:

> From: 6178399614@...
> Date: July 24, 2014 5:33:00 PM EDT
> To: nancychristoph@...
>

# 5867. Fwd: NZ1AF Military Shack

Yahoo group: T-368_BC-610
Date: 2014-07-24 21:51:14 UTC
From: christopher jasper
Topic: 5865  Message: 5867
Attachments: 1 described; binary payloads are missing from this source WARC

Begin forwarded message:

> From: 6178399614@...
> Date: July 24, 2014 5:33:03 PM EDT
> To: nancychristoph@...
>

# 5868. Heavy metal sale

Yahoo group: T-368_BC-610
Date: 2014-07-26 14:07:51 UTC
From: rbethman
Topic: 5868  Message: 5868

Size, weight, and space a factor. Age of owner is also a factor!

Thinning out the shack!

For Sale

1 T-213, BC-614 speech amp, BC-939 Antenna Tuner.

Tuning units from 2MC through 18MC.

All PA Coils to go with the TUs. (almost two sets.)

Full complement of tubes, number of spares to include 2A3s, 3B28s,
250TH, several 100THs.

1 sick BC-610I

NO SHIPPING! Must pickup!

Asking $2200, firm!

Located in Manassas, VA

Robert Bethman
N0DGN

# 5869. mikes

Yahoo group: T-368_BC-610
Date: 2014-07-26 14:47:02 UTC
From: Alan Morriss
Topic: 5869  Message: 5869

hello , does anyone know where i can get one of the late T17 microphones with the dynamic insert and transistor amplifier ? alan G4GEN

# 5870. [T-368_BC-610] Heavy metal sale

Yahoo group: T-368_BC-610
Date: 2014-07-26 15:21:10 UTC
From: rbethman
Topic: 5868  Message: 5870
Attachments: 4 described; binary payloads are missing from this source WARC

NOTE: Absolutely NO tubes will be sold independently!

They are intended solely for the use of the equipment that is being sold!

Size, weight, and space a factor. Age of owner is also a factor!

Thinning out the shack!

For Sale

1 T-213, BC-614 speech amp, BC-939 Antenna Tuner.

Tuning units from 2MC through 18MC.

All PA Coils to go with the TUs. (almost two sets.)

Full complement of tubes, number of spares to include 2A3s, 3B28s,
250TH, several 100THs.

1 sick BC-610I

NO SHIPPING! Must pickup!

Asking $2200, firm!

Located in Manassas, VA

Robert Bethman
N0DGN

# 5871. Re: [T-368_BC-610] mikes

Yahoo group: T-368_BC-610
Date: 2014-07-26 15:22:00 UTC
From: Don Allison
Topic: 5869  Message: 5871

Alan .. I got a brand new one on Ebay in the box for 23 dollars just a few weeks ago .. there were several of them on there last I looked ..

73 Don WC4D

On Sat, Jul 26, 2014 at 10:47 AM, Alan Morriss mohawk@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:

>
>
> hello , does anyone know where i can get one of the late T17 microphones
> with the dynamic insert and transistor amplifier ? alan G4GEN
>
>

# 5872. [T-368_BC-610] Heavy metal sale

Yahoo group: T-368_BC-610
Date: 2014-07-26 15:50:04 UTC
From: rbethman
Topic: 5868  Message: 5872

NOTE: Absolutely NO tubes will be sold independently!

They are intended solely for the use of the equipment that is being sold!

[ All the garbage that went out with this I can't explain! ]

Size, weight, and space a factor. Age of owner is also a factor!

Thinning out the shack!

For Sale

1 T-213, BC-614 speech amp, BC-939 Antenna Tuner.

Tuning units from 2MC through 18MC.

All PA Coils to go with the TUs. (almost two sets.)

Full complement of tubes, number of spares to include 2A3s, 3B28s,
250TH, several 100THs.

1 sick BC-610I

NO SHIPPING! Must pickup!

Asking $2200, firm!

Located in Manassas, VA

Robert Bethman
N0DGN

# 5873. Re: [T-368_BC-610] mikes

Yahoo group: T-368_BC-610
Date: 2014-07-26 16:44:02 UTC
From: Alan Morriss
Topic: 5869  Message: 5873

thanks don. i would like it for the SCR399.. what is the actual designation ? i had an idea it was the M alan
On 26 Jul 2014, at 16:22, Don Allison wc4don@... [T-368_BC-610] wrote:

>
> Alan .. I got a brand new one on Ebay in the box for 23 dollars just a few weeks ago .. there were several of them on there last I looked ..
>
> 73 Don WC4D
>
>
> On Sat, Jul 26, 2014 at 10:47 AM, Alan Morriss mohawk@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:
>
> hello , does anyone know where i can get one of the late T17 microphones with the dynamic insert and transistor amplifier ? alan G4GEN
>
>
>
>

# 5874. Heavy metal sale ADDITION

Yahoo group: T-368_BC-610
Date: 2014-07-26 17:12:55 UTC
From: rbethman
Topic: 5874  Message: 5874

1) The T-213 went through Depot in '59. Lon Cottingham and Robert Downs rescued it still in the crate. It had been destined for disposal at sea.

2) It comes with all original issue cables.

I am open to the idea of "some" trading.

A clean R-390A that is fully functional will drop the asking by $800.

I would also apply the same to a clean and fully functional SP-600.

I am NOT leaving Amateur Radio! I simply can no longer deal with the size and mass of these two beasts!

They are standing on a four wheeled moving man dollies, and those will go with them.

I have a substantial hand truck that handles 700lbs, and straps that take 400lbs a piece.

Those will be available to move them from the Den and out to your provided transport means. However, these items won't go with.

One additional piece goes with this package, and it is one JB-70 that needs a top plate made for it, and requires rewiring just inside, as where it came from had an issue with rodents that decided that insulation was delicious!

NOTE: Absolutely NO tubes will be sold independently!

They are intended solely for the use of the equipment that is being sold!

[ I have no idea why all the extra junk came out with this message! My apologies! ]

Size, weight, and space a factor. Age of owner is also a factor!

Thinning out the shack!

For Sale

1 T-213, BC-614 speech amp, BC-939 Antenna Tuner.

Tuning units from 2MC through 18MC.

All PA Coils to go with the TUs. (almost two sets.)

Full complement of tubes, number of spares to include 2A3s, 3B28s, 250TH, several 100THs.

1 sick BC-610I

NO SHIPPING! Must pickup!

Asking $2200, firm!

Located in Manassas, VA

Robert Bethman
N0DGN

_____
Our Main Website: http://www.amfone.net
AMRadio mailing list
Archives: http://mailman.qth.net/pipermail/amradio/
List Rules (must read!): http://w5ami.net/amradiofaq.html
List Home: http://mailman.qth.net/mailman/listinfo/amradio
Post: AMRadio@...
To unsubscribe, send an email to amradio-request@... with
the word unsubscribe in the message body.

This list hosted by: http://www.qsl.net
Please help support this email list: http://www.qsl.net/donate.html
_____
Our Main Website: http://www.amfone.net
AMRadio mailing list
Archives: http://mailman.qth.net/pipermail/amradio/
List Rules (must read!): http://w5ami.net/amradiofaq.html
List Home: http://mailman.qth.net/mailman/listinfo/amradio
Post: AMRadio@...
To unsubscribe, send an email to amradio-request@... with
the word unsubscribe in the message body.

This list hosted by: http://www.qsl.net
Please help support this email list: http://www.qsl.net/donate.html

# 5875. Re: [T-368_BC-610] mikes

Yahoo group: T-368_BC-610
Date: 2014-07-26 17:16:16 UTC
From: wa5cab@...
Topic: 5869  Message: 5875

The two microphones issued with SCR-399 and 499 were T-17 (the original carbon one) and T-50. T-50 is a handheld dynamic with 4-pin connector. ElectroVoice 600C. Quite rare, at least as T-50.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

In a message dated 07/26/2014 11:46:33 AM Central Daylight Time, T-368_BC-610@yahoogroups.com writes:
> thanks don. i would like it for the SCR399.. what is the actual
> designation ? i had an idea it was the M alan
> On 26 Jul 2014, at 16:22, Don Allison wc4don@... [T-368_BC-610]
> wrote:
>
> >>
>>
>> Alan .. I got a brand new one on Ebay in the box for 23 dollars just a
>> few weeks ago .. there were several of them on there last I looked ..
>>
>>
>> 73 Don WC4D
>>
>>
>>
>> On Sat, Jul 26, 2014 at 10:47 AM, Alan Morriss mohawk@...
>> [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:
>> >>> hello , does anyone know where i can get one of the late T17
>>> microphones with the dynamic insert and transistor amplifier ? alan G4GEN
>>>
>>>

# 5876. mikes

Yahoo group: T-368_BC-610
Date: 2014-07-26 17:39:23 UTC
From: Alan Morriss
Topic: 5869  Message: 5876

hello robert , yes , i have both , and the dynamic one is great. however , was told that those amplified T17s were almost as good , so i thought that i would try one. the BC610 is still unserviceable , as i think the winding on the overload relay has failed. i am going to have to get it moved to the entrance of the shelter so i can work on it. i have a repalcement relay. there is no continuity from the centre tap of the HV transformer to ground. cheers, alan

# 5877. Re: [T-368_BC-610] mikes

Yahoo group: T-368_BC-610
Date: 2014-07-26 19:23:54 UTC
From: Don Allison
Topic: 5869  Message: 5877

Alan G4GEN was looking for a T 17 mic ... I was telling him I got one on
Ebay for 23 dollars is all
73

On Sat, Jul 26, 2014 at 10:47 AM, Alan Morriss mohawk@...
[T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:

>
>
> hello , does anyone know where i can get one of the late T17 microphones
> with the dynamic insert and transistor amplifier ? alan G4GEN
>
>

# 5878. Re: mikes

Yahoo group: T-368_BC-610
Date: 2014-07-27 10:54:34 UTC
From: Roger@...
Topic: 5869  Message: 5878

Hi Alan,

I can find a pile of info on a Google search of T-17 microphones but zilch on an amplified version. I do have a couple of circuit diagrams for using a electret mic with a TCS transmitter instead of the supplied carbon mic. These ccts would probably work with a BC-614-* and you could hide the insert and possibly the preamp in a T-17 housing. I've got 3 or 4 T-17s, all have different output levels but all need you to shout to get any decent mod level. My Shure T-50 works well with the BC-614-E, lots of gain in hand. Same goes for a amplified Astatic D-104.

I got two of my T-17s from the ebay seller "bc191", who is in Holland and sells a lot of GRC-9 accessories.

Good luck with that HT fault!

73

Roger/G3VKM

---In T-368_BC-610@yahoogroups.com, <mohawk@...> wrote :

hello robert , yes , i have both , and the dynamic one is great. however , was told that those amplified T17s were almost as good , so i thought that i would try one. the BC610 is still unserviceable , as i think the winding on the overload relay has failed. i am going to have to get it moved to the entrance of the shelter so i can work on it. i have a repalcement relay. there is no continuity from the centre tap of the HV transformer to ground. cheers, alan

# 5879. Re: [T-368_BC-610] Re: mikes

Yahoo group: T-368_BC-610
Date: 2014-07-27 12:17:11 UTC
From: Brian Carling
Topic: 5869  Message: 5879

Shouting into Ww2 military mics was pretty standard. At least in the 1960s, grin!

Best regards - Bry Carling

> On Jul 27, 2014, at 6:54 AM, "Roger@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com> wrote:
>
>
>
> Hi Alan,
>
> I can find a pile of info on a Google search of T-17 microphones but zilch on an amplified version. I do have a couple of circuit diagrams for using a electret mic with a TCS transmitter instead of the supplied carbon mic. These ccts would probably work with a BC-614-* and you could hide the insert and possibly the preamp in a T-17 housing. I've got 3 or 4 T-17s, all have different output levels but all need you to shout to get any decent mod level. My Shure T-50 works well with the BC-614-E, lots of gain in hand. Same goes for a amplified Astatic D-104.
>
> I got two of my T-17s from the ebay seller "bc191", who is in Holland and sells a lot of GRC-9 accessories.
>
> Good luck with that HT fault!
>
> 73
>
> Roger/G3VKM
>
>
>
>
> ---In T-368_BC-610@yahoogroups.com, <mohawk@...> wrote :
>
> hello robert , yes , i have both , and the dynamic one is great. however , was told that those amplified T17s were almost as good , so i thought that i would try one. the BC610 is still unserviceable , as i think the winding on the overload relay has failed. i am going to have to get it moved to the entrance of the shelter so i can work on it. i have a repalcement relay. there is no continuity from the centre tap of the HV transformer to ground. cheers, alan
>
>
>

# 5880. mith

Yahoo group: T-368_BC-610
Date: 2014-07-27 12:33:30 UTC
From: Alan Morriss
Topic: 5880  Message: 5880

hello robert , i seem to remember that you told me the designation of those mikes some time ago. do you have one by any chance ? alan G4GEN

# 5881. Re: [T-368_BC-610] Re: mikes

Yahoo group: T-368_BC-610
Date: 2014-07-27 15:15:23 UTC
From: wa5cab@...
Topic: 5869  Message: 5881

T-17 apparently became M-15/U. But I think that was pretty much a straight nomenclature change. I don't have the nomenclature of this amplified version but I'm sure that it wasn't still called T-17.

Robert Downs - Houston

In a message dated 07/27/2014 05:54:36 AM Central Daylight Time, T-368_BC-610@yahoogroups.com writes:

> Hi Alan,
>
> I can find a pile of info on a Google search of T-17 microphones but zilch
> on an amplified version. I do have a couple of circuit diagrams for using
> a electret mic with a TCS transmitter instead of the supplied carbon mic.
> These ccts would probably work with a BC-614-* and you could hide the insert
> and possibly the preamp in a T-17 housing. I've got 3 or 4 T-17s, all have
> different output levels but all need you to shout to get any decent mod
> level. My Shure T-50 works well with the BC-614-E, lots of gain in hand. Same
> goes for a amplified Astatic D-104.
>
> I got two of my T-17s from the ebay seller "bc191", who is in Holland and
> sells a lot of GRC-9 accessories.
>
> Good luck with that HT fault!
>
> 73
>
> Roger/G3VKM
>
>
>
>
> ---In T-368_BC-610@yahoogroups.com, <mohawk@...> wrote :
>
> hello robert , yes , i have both , and the dynamic one is great. however ,
> was told that those amplified T17s were almost as good , so i thought that
> i would try one. the BC610 is still unserviceable , as i think the winding
> on the overload relay has failed. i am going to have to get it moved to
> the entrance of the shelter so i can work on it. i have a repalcement relay.
> there is no continuity from the centre tap of the HV transformer to ground.
> cheers, alan
>
>

# 5882. Re: [T-368_BC-610] mith

Yahoo group: T-368_BC-610
Date: 2014-07-27 15:24:31 UTC
From: wa5cab@...
Topic: 5880  Message: 5882

Alan,

No, not that I know of anyway. I think what I told you was M-15/U. Which I think is the one with the thicker mouthpiece and some vents on the OD. I've seen two or three of those but all in terrible condition. A quick eBay search didn't turn up anything but a bunch of unrelated junk.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

In a message dated 07/27/2014 07:33:36 AM Central Daylight Time, T-368_BC-610@yahoogroups.com writes:
> hello robert , i seem to remember that you told me the designation of
> those mikes some time ago. do you have one by any chance ? alan G4GEN

# 5883. mike

Yahoo group: T-368_BC-610
Date: 2014-07-27 17:14:07 UTC
From: Alan Morriss
Topic: 5883  Message: 5883

hello bob , yes , that was the one. the late G3TFC used one with his AN/ARC38 . the 18S4 was the civil ident. he told me about them , and he always sounded good. i missed it at the sale of his stuff as it went with the set. the dynamic mike does fine, but i would like a standby. i believe an electret capsule can be fitted which might do. cheers, alan

# 5884. Heavy metal sale

Yahoo group: T-368_BC-610
Date: 2014-07-28 15:07:15 UTC
From: rbethman
Topic: 5868  Message: 5884

The sick BC-610I is spoken for.

It is destined for whom it came from.

Bob - N0DGN

# 5885. Re: [T-368_BC-610] This is not a drill - SOLD

Yahoo group: T-368_BC-610
Date: 2014-07-29 18:00:05 UTC
From: donrdlph@...
Topic: 5840  Message: 5885

The T-368 only needed a good cleaning and a few weak tubes in the speech amp replaced.
All of the decks are fully functional (in my T-3 cabinet).
Can't wait to get this puppy on the air!
Chris made out like a bandit on this one.

Don W9BHI

# 5886. Re: [T-368_BC-610] This is not a drill - SOLD

Yahoo group: T-368_BC-610
Date: 2014-07-29 18:54:57 UTC
From: kc9ieq
Topic: 5840  Message: 5886

Sure as do-do!  Now just need to do some final detailing, make up some cables, and figure out how to make room for it in the shack!  I don't want to, but might end up having to take that monstrous shock mount base off and put casters right on the cabinet.

Not sure if this list allows attachments, I'll try sending a few pictures of the unit, and close-up of the PA deck prior to cleaning at Doctor Don's T3 office.

Oh and as for sealing the transformers as preventative maintenance, I think I'm just going to settle for aquarium grade silicone adhesive.  It could always be removed later on and something more aggressive used if a leak still develops.

Regards,
Chris

Sent from my Verizon Wireless 4G LTE smartphone

-------- Original message --------
From: "donrdlph@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
Date:07/29/2014 1:00 PM (GMT-06:00)
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] This is not a drill - SOLD

The T-368 only needed a good cleaning and a few weak tubes in the speech amp replaced.
All of the decks are fully functional (in my T-3 cabinet).
Can't wait to get this puppy on the air!
Chris made out like a bandit on this one.

Don W9BHI

[Non-text portions of this message have been removed]

# 5887. Heavy metal sale Update

Yahoo group: T-368_BC-610
Date: 2014-08-01 15:21:07 UTC
From: rbethman
Topic: 5887  Message: 5887

There is perhaps a misconception as to WHAT a T-213 is.

A T-213 is the very latest version of the BC-610.

I almost every way, other than the porcelain terminals being removed and replaces with an SO-239, they are completely identical!

This one is S/N 65, Made by B&W, and is fully functional.

1) The T-213 went through Depot in '59. Lon Cottingham and Robert Downs rescued it still in the crate. It had been destined for disposal at sea.

2) It comes with all original issue cables.

I am open to the idea of "some" trading.

A clean R-390A that is fully functional will drop the asking by $800.

I would also apply the same to a clean and fully functional SP-600.

I am NOT leaving Amateur Radio! I simply can no longer deal with the size and mass of these two beasts!

They are standing on a four wheeled moving man dollies, and those will go with them.

I have a substantial hand truck that handles 700lbs, and straps that take 400lbs a piece.

Those will be available to move them from the Den and out to your provided transport means. However, these items won't go with.

One additional piece goes with this package, and it is one JB-70 that needs a top plate made for it, and requires rewiring just inside, as where it came from had an issue with rodents that decided that insulation was delicious!

# 5888. 67% OFF 160m CRYSTALS!

Yahoo group: T-368_BC-610
Date: 2014-08-02 13:13:24 UTC
From: bcarling@...
Topic: 5888  Message: 5888

REDUCED PRICE: 160m hc6u (metal can) crystals -

This select group on sale for only $6.00 each.

Quantities shown as of 1 AUGUST 2014

FREQUENCY kHz - QUANTITY

1908.125 - 2
1916 - 1
1922 - 1
1932 - 5
1942 - 5
1944 - 3
1945 - 6

Shipping additional. (numerous other 160m - 2m frequencies available.)

Purchase on line at:

http://af4k.com/hc6ucrystals1500-1999khz.htm

73 - Bry Carling, AF4K

Brian Carling, Radio AF4K

# 5889. REDUCED MORE: 160m CRYSTALS!!

Yahoo group: T-368_BC-610
Date: 2014-08-04 01:22:37 UTC
From: bcarling@...
Topic: 5889  Message: 5889

Hey folks - I have added a bunch more "Bargain Basement 160m crystals for sale plus I have dropped the price on most of these a further 20% - some of the earlier ones were sold but not all!

So here is your opportunity. These are original clean hc6u crystals all fully tested and in proper working condition. Check out the expanded list below, and you can purchase directly online or mail order if you prefer.

REDUCED MORE: 160m hc6u (metal can) crystals -

This select group on sale for only $5.00 each.

Quantities shown as of 1 AUGUST 2014

FREQUENCY kHz - QUANTITY

1800 - 1
1801 - 1
1835 - 1
1849 - 1
1908.125- 2
1916 - 1
1928 - 1
1929 - 1
1932 - 5
1933 - 1
1935 - 1
1936 - 1
1940 - 1
1942 - 4
1944 - 3
1945 - 6

Shipping additional. (numerous other 160m - 2m frequencies available.)

Purchase on line at:

http://af4k.com/hc6ucrystals1500-1999khz.htm

73 - Bry Carling, AF4K
Brian Carling, Radio AF4K

# 5890. T-368 Drifty PTO

Yahoo group: T-368_BC-610
Date: 2014-08-04 21:12:44 UTC
From: Chris Farley
Topic: 5890  Message: 5890

Hi all,

The Cosmos built PTO in that infamous transmitter seems awfully drifty.  At least 4-5kHz in the first hour.  Is this normal?  If I decide to tear into it for rebuilding, is there anything special or different with this particular unit as compared to say, the PTO in a r-390/a?

Regards,
Chris

# 5891. ADDED: SEVERAL MORE 160m Crystals

Yahoo group: T-368_BC-610
Date: 2014-08-07 12:13:46 UTC
From: bcarling@...
Topic: 5891  Message: 5891

It's Christmas in August!

We have ADDED SEVERAL MORE 160m hc6u Crystals to the BARGAIN PRICED list at:

http://af4k.com/hc6ucrystals1500-1999khz.htm

These are fill-sized original crystals. Some frequencies will have several available.

1800, 1880, 1955, 1994 kHz plus many more still available at only $5 each.

Including 1849, 1880, 1908.125, 1916, 1928, 1932, 1935, 1940, 1942, 1944, 1945, 1955, 1994 kHz etc.

73 de AF4K, Bry

Brian Carling, Radio AF4K

# 5892. Re: [T-368_BC-610] ADDED: SEVERAL MORE 160m Crystals

Yahoo group: T-368_BC-610
Date: 2014-08-07 17:14:03 UTC
From: Dennis DuValll
Topic: 5891  Message: 5892

Brian,

I'll take one each 1935. 1940 & two (2) 1945 xtals.. Please let me know the total damage.

Dennis DuVall, W7QHO
1524 Princes Dr.
Glendale, CA 91207

**********
On Aug 7, 2014, at 5:13 AM, "bcarling@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com> wrote:

>
> It's Christmas in August!
>
> We have ADDED SEVERAL MORE 160m hc6u Crystals to the BARGAIN PRICED list
> at:
>
> http://af4k.com/hc6ucrystals1500-1999khz.htm
>
> These are fill-sized original crystals. Some frequencies will have several available.
>
> 1800, 1880, 1955, 1994 kHz plus many more still available at only $5 each.
>
> Including 1849, 1880, 1908.125, 1916, 1928, 1932, 1935, 1940, 1942, 1944, 1945, 1955, 1994 kHz etc.
>
> 73 de AF4K, Bry
>
> Brian Carling, Radio AF4K
>
>

# 5893. Re: [T-368_BC-610] ADDED: SEVERAL MORE 160m Crystals

Yahoo group: T-368_BC-610
Date: 2014-08-07 17:25:33 UTC
From: rbethman
Topic: 5891  Message: 5893

I only would point out that the BC-610s have a much larger piece of quartz in them.

Even original BC-610 crystals will crack and die any more.

Newly constructed full size crystals were cut and made at the UNY Buffalo, NY campus had a Research professor do this, and tested them under the identical conditions of placing into a TU and oscillator section of a BC-610.

Well over half of them bit the "Wolf Cookie", or if you prefer, the dust!

So be wary and careful with any crystal that goes either a BC-610 or something that is even remotely similar.

You'll end up trying to find more crystals, and having issues.

This is all well documented in discussions between WB2FCN and I.

Bob - N0DGN

On 8/7/2014 1:14 PM, Dennis DuValll w7qho@... [T-368_BC-610] wrote:
>
> Brian,
>
>
> I'll take one each 1935. 1940 & two (2) 1945 xtals.. Please let me
> know the total damage.
>
> Dennis DuVall, W7QHO
> 1524 Princes Dr.
> Glendale, CA 91207

# 5894. xtals

Yahoo group: T-368_BC-610
Date: 2014-08-07 17:56:59 UTC
From: Alan Morriss
Topic: 3827  Message: 5894

hello bob , i beg to differ. the FT171 xtals for the BC610 are big chunky things , well in keeping with the tx. however when i opened one up the slab was no bigger than an FT243 or something. of course this makes sense as a given frequency would require the same mass of quarts to resonate. at least one would think so. however i would not imagine the delicate modern ones would find it tough.
that said i used to have a british army transmitter type 76. this consisted of an 807 xtal oscillator driving an 807 PA . they were used by airborne forces to communicate with base. there was no tuning in the oscillator , with the xtal being connected directly between the plate and grid of the 807 . the set had a reputation as an xtal wrecker. the handbook said to keep tuning to an absolute minimum. i had a modern xtal in a 10X case for a low power tx , and i tried it. it functioned for about 5 years and i still use it with my Mk33 haaving sold the 76 years ago. alan G4GEN

# 5895. Re: [T-368_BC-610] xtals

Yahoo group: T-368_BC-610
Date: 2014-08-08 00:45:32 UTC
From: mac
Topic: 3827  Message: 5895

I've run into a couple of FT-171 holders with adapters for FT-243 size xtal wafers inside. Factory mod, not ham. Picture on request.

Dennis D. W7QHO
Glendale, CA

**********≈.
On Aug 7, 2014, at 10:56 AM, Alan Morriss mohawk@...
[T-368_BC-610] wrote:

> hello bob , i beg to differ. the FT171 xtals for the BC610 are big
> chunky things , well in keeping with the tx. however when i opened
> one up the slab was no bigger than an FT243 or something. of course
> this makes sense as a given frequency would require the same mass of
> quarts to resonate. at least one would think so. however i would not
> imagine the delicate modern ones would find it tough.
> that said i used to have a british army transmitter type 76. this
> consisted of an 807 xtal oscillator driving an 807 PA . they were
> used by airborne forces to communicate with base. there was no
> tuning in the oscillator , with the xtal being connected directly
> between the plate and grid of the 807 . the set had a reputation as
> an xtal wrecker. the handbook said to keep tuning to an absolute
> minimum. i had a modern xtal in a 10X case for a low power tx , and
> i tried it. it functioned for about 5 years and i still use it with
> my Mk33 haaving sold the 76 years ago. alan G4GEN
>
>

# 5896. Re: [T-368_BC-610] ADDED: SEVERAL MORE 160m Crystals

Yahoo group: T-368_BC-610
Date: 2014-08-08 02:40:42 UTC
From: Brian Carling
Topic: 5891  Message: 5896

Many of the FT171B crystals supplied for use with BC610 transmitters had smaller crystals inside with an adapter and they do just fine.

I have seen hundreds of them.

Best regards - Bry Carling

> On Aug 7, 2014, at 1:25 PM, "rbethman rbethman@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com> wrote:
>
>
>
> I only would point out that the BC-610s have a much larger piece of quartz in them.
>
> Even original BC-610 crystals will crack and die any more.
>
> Newly constructed full size crystals were cut and made at the UNY Buffalo, NY campus had a Research professor do this, and tested them under the identical conditions of placing into a TU and oscillator section of a BC-610.
>
> Well over half of them bit the "Wolf Cookie", or if you prefer, the dust!
>
> So be wary and careful with any crystal that goes either a BC-610 or something that is even remotely similar.
>
> You'll end up trying to find more crystals, and having issues.
>
> This is all well documented in discussions between WB2FCN and I.
>
> Bob - N0DGN
>
>
>
>> On 8/7/2014 1:14 PM, Dennis DuValll w7qho@... [T-368_BC-610] wrote:
>> Brian,
>>
>>
>> I'll take one each 1935. 1940 & two (2) 1945 xtals.. Please let me know the total damage.
>>
>> Dennis DuVall, W7QHO
>> 1524 Princes Dr.
>> Glendale, CA 91207
>
>
>

>

# 5897. Re: [T-368_BC-610] ADDED: SEVERAL MORE 160m Crystals

Yahoo group: T-368_BC-610
Date: 2014-08-08 13:35:06 UTC
From: bcarling@...
Topic: 5891 Message: 5897

Interestingly - I came across hundreds of new FT171B crystals that were made in Italy. These are intended for use in the BC610 and 90% of them have the adapter inside and a smaller crystal than the big slab ones. There is no guarantee that the large slab sized ones
will work any better or be less susceptible to cracking. The ratio of thickness to surface area
is probably no different. Recent articles in Electric Radio by Dave Ishmael made a lot of assumptions. The most extreme of these seems to be that anyone other than perhaps one or two eccentric radio amateurs would want to build a single tube 813 power crystal oscillator xmtr and use it as their everyday transmitter. Most of us know better :) - A T368 or BC610 on
the other hand would be an object of great honor and pride in anyone's ham shack.

Happy transmitting!

On 7 Aug 2014 at 13:25, rbethman rbethman@... wrote:

I only would point out that the BC-610s have a much larger piece of quartz in them.

Even original BC-610 crystals will crack and die any more.

Newly constructed full size crystals were cut and made at the UNY Buffalo, NY campus had a Research professor do this, and tested them under the identical conditions of placing into a
TU and oscillator section of a BC-610.

Well over half of them bit the "Wolf Cookie", or if you prefer, the dust!

So be wary and careful with any crystal that goes either a BC-610 or something that is even remotely similar.

You'll end up trying to find more crystals, and having issues.

This is all well documented in discussions between WB2FCN and I.

Bob - N0DGN

On 8/7/2014 1:14 PM, Dennis DuValll w7qho@... [T-368_BC-610] wrote:

Brian,

I'll take one each 1935. 1940 & two (2) 1945 xtals.. Please let me know the total damage.

Dennis DuVall, W7QHO
1524 Princes Dr.
Glendale, CA 91207

Brian Carling, Radio AF4K

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prepared for transmission using the Internet MIME message format.
If you are using Pegasus Mail, or any other MIME-compliant system,
you should be able to save it or view it from within your mailer.
If you cannot, please ask your system administrator for assistance.

---- File information -----------
File: DEFAULT.BMP
Date: 21 Sep 2001, 15:59
Size: 358 bytes.
Type: Unknown

[Non-text portions of this message have been removed]

# 5898. FS: RF transmitting type Silver Mica capacitors

Yahoo group: T-368_BC-610
Date: 2014-08-12 20:53:59 UTC
From: bcarling@...
Topic: 5898  Message: 5898

FOR SALE:

Several RF transmitting type Silver Mica capacitors

Sangamo 0.001 uF at 2500V - Qty 8 at $6.00 each

Sangamo 0.002 uF at 2000V - Qty 6 at $4.00 each

Sangamo 50 pF at 2 KV - QTY 1 at $4.00 each

shipping additional (if it rings up as something outrageous for shipping,
go ahead and I will refund anything over $7.00 for USA priority shipment)

Buy now at:

http://www.af4k.com/capacitors.htm

More HV caps will be added soon.

73 - Bry, AF4K
Brian Carling, Radio AF4K

# 5899. BIG PRICE REDUCTION Heavy Metal Sale meet both trades and it is FREE!

Yahoo group: T-368_BC-610
Date: 2014-08-14 00:01:15 UTC
From: rbethman
Topic: 5899  Message: 5899

BIG PRICE REDUCTION

NO BS! Price is NOW $600 cash at the door for the first to ARRIVE!

I am open to the idea of "some" trading.

A clean R-390A that is fully functional will drop the asking by $300

I would also apply the same to a clean and fully functional SP-600.

If you bring an SP-600 and an R-390A, both clean and fully functional, the YOU get the T-213 package for FREE!

1 T-213, (S/N 65 - B&W) BC-614 speech amp, BC-939 Antenna Tuner.

Tuning units from 2MC through 18MC.

All PA Coils to go with the TUs. (almost two sets.)

Full complement of tubes, number of spares to include 2A3s, 3B28s, 250TH, several 100THs.

1) The T-213 went through Depot in '59. Lon Cottingham and Robert Downs rescued it still in the crate. It had been destined for disposal at sea.

2) It comes with all original issue cables.

One additional piece goes with this package, and it is one JB-70 that needs a top plate made for it, and requires rewiring just inside, as where it came from had an issue with rodents that decided that insulation was delicious!

Is sitting on a "moving man dolly", goes with. Have hand truck that handles 700lbs., straps that handle 450lbs. Bring healthy friend! This weighs at least 400lbs.

NO SHIPPING! Must pickup!

Carrier - 400W - Peak Out - Will exceed legal Input PEP! Must Be throttled by audio gain!

Based on Bird Peak reading Watt meter.

# 5900. Re: [T-368_BC-610] BIG PRICE REDUCTION Heavy Metal Sale meet both trades and it is FREE!

Yahoo group: T-368_BC-610
Date: 2014-08-14 00:25:01 UTC
From: Tom Chirhart
Topic: 5899  Message: 5900

Bob, send photos! 73
Tom K4NCG/Stafford

Sent from my iPad

> On Aug 13, 2014, at 8:01 PM, "rbethman rbethman@... [T-368_BC-610]"
<T-368_BC-610@yahoogroups.com> wrote:
>
> BIG PRICE REDUCTION
>
> NO BS! Price is NOW $600 cash at the door for the first to ARRIVE!
>
> I am open to the idea of "some" trading.
>
> A clean R-390A that is fully functional will drop the asking by $300
>
> I would also apply the same to a clean and fully functional SP-600.
>
> If you bring an SP-600 and an R-390A, both clean and fully functional,
> the YOU get the T-213 package for FREE!
>
> 1 T-213, (S/N 65 - B&W) BC-614 speech amp, BC-939 Antenna Tuner.
>
> Tuning units from 2MC through 18MC.
>
> All PA Coils to go with the TUs. (almost two sets.)
>
> Full complement of tubes, number of spares to include 2A3s, 3B28s,
> 250TH, several 100THs.
>
> 1) The T-213 went through Depot in '59. Lon Cottingham and Robert Downs
> rescued it still in the crate. It had been destined for disposal at sea.
>
> 2) It comes with all original issue cables.
>
> One additional piece goes with this package, and it is one JB-70 that
> needs a top plate made for it, and requires rewiring just inside, as
> where it came from had an issue with rodents that decided that
> insulation was delicious!
>
> Is sitting on a "moving man dolly", goes with. Have hand truck that
> handles 700lbs., straps that handle 450lbs. Bring healthy friend! This
> weighs at least 400lbs.
>

> NO SHIPPING! Must pickup!
>
> Carrier - 400W - Peak Out - Will exceed legal Input PEP! Must Be
> throttled by audio gain!
>
> Based on Bird Peak reading Watt meter.
>
>

# 5901. Re: [T-368_BC-610] BIG PRICE REDUCTION Heavy Metal Sale meet both trades and it is FREE!

Yahoo group: T-368_BC-610
Date: 2014-08-14 01:25:07 UTC
From: Brian Harris
Topic: 5899  Message: 5901

Where is the rig?

Wa5uek

Sent from my iPhone

On Aug 13, 2014, at 7:01 PM, "rbethman rbethman@... [T-368_BC-610]"
<T-368_BC-610@yahoogroups.com> wrote:

> BIG PRICE REDUCTION
>
> NO BS! Price is NOW $600 cash at the door for the first to ARRIVE!
>
> I am open to the idea of "some" trading.
>
> A clean R-390A that is fully functional will drop the asking by $300
>
> I would also apply the same to a clean and fully functional SP-600.
>
> If you bring an SP-600 and an R-390A, both clean and fully functional,
> the YOU get the T-213 package for FREE!
>
> 1 T-213, (S/N 65 - B&W) BC-614 speech amp, BC-939 Antenna Tuner.
>
> Tuning units from 2MC through 18MC.
>
> All PA Coils to go with the TUs. (almost two sets.)
>
> Full complement of tubes, number of spares to include 2A3s, 3B28s,
> 250TH, several 100THs.
>
> 1) The T-213 went through Depot in '59. Lon Cottingham and Robert Downs
> rescued it still in the crate. It had been destined for disposal at sea.
>
> 2) It comes with all original issue cables.
>
> One additional piece goes with this package, and it is one JB-70 that
> needs a top plate made for it, and requires rewiring just inside, as
> where it came from had an issue with rodents that decided that
> insulation was delicious!
>
> Is sitting on a "moving man dolly", goes with. Have hand truck that
> handles 700lbs., straps that handle 450lbs. Bring healthy friend! This
> weighs at least 400lbs.
>

> NO SHIPPING! Must pickup!
>
> Carrier - 400W - Peak Out - Will exceed legal Input PEP! Must Be
> throttled by audio gain!
>
> Based on Bird Peak reading Watt meter.
>
>

# 5902. Re: [T-368_BC-610] BIG PRICE REDUCTION Heavy Metal Sale meet both trades and it is FREE!

Yahoo group: T-368_BC-610
Date: 2014-08-14 01:31:37 UTC
From: rbethman
Topic: 5899  Message: 5902

This is located at my QTH as is listed in QRZ.COM

Manassas, VA
20110

Geez!

On 8/13/2014 9:25 PM, Brian Harris cosmophone@... [T-368_BC-610]
wrote:
> Where is the rig?
>
> Wa5uek

# 5903. BIG PRICE REDUCTION - links to pics

Yahoo group: T-368_BC-610
Date: 2014-08-14 02:02:00 UTC
From: rbethman
Topic: 5903  Message: 5903

Folks:

They aren't cleaned up, they *are* out of focus - I haven't got any method to take pictures that won't "shake" as I try and hold it!

http://home.comcast.net/~rbethman/1.jpg
http://home.comcast.net/~rbethman/2.jpg
http://home.comcast.net/~rbethman/3.jpg
http://home.comcast.net/~rbethman/4.jpg
http://home.comcast.net/~rbethman/5.jpg
http://home.comcast.net/~rbethman/6.jpg
http://home.comcast.net/~rbethman/7.jpg
http://home.comcast.net/~rbethman/8.jpg

These items need to be cleaned! Been here since 2003! Haven't been used since around 2006?

Can't remember.

The tuner has tape residue on it. Goo off should remove it without damaging the paint. No, I haven't tried. Personally I could care less! It only has to work!

I don't spit and polish anything!

The stuff on top of the TX is junk! Will come off when someone gets here!

Bob - N0DGN

# 5904. Re: BIG PRICE REDUCTION - links to pics

Yahoo group: T-368_BC-610
Date: 2014-08-14 12:20:15 UTC
From: kjbible7@...
Topic: 5903  Message: 5904

What are you asking for this bc-610 and ant tuner?
Mike kd9awt

# 5905. Re: [T-368_BC-610] Re: BIG PRICE REDUCTION - links to pics

Yahoo group: T-368_BC-610
Date: 2014-08-14 12:37:42 UTC
From: rbethman
Topic: 5903  Message: 5905

It has become VERY apparent that members of this list are NOT paying attention!

ONE - I am only talking and posting about THE T-213!

TWO - I am NOT going to do this in bits and pieces! What would I do with all the TUs, Coils, the BC-614, and lord only knows what all else?

THREE - I am in QRZ.com. Don't ask where I am! You have read the posts, you have, own, and use a computer!

I really am astounded!

N0DGN

On 8/14/2014 8:20 AM, kjbible7@... [T-368_BC-610] wrote:
>
> What are you asking for this bc-610 and ant tuner?
>
> Mike kd9awt
>
>

# 5906. RE: [T-368_BC-610] Re: BIG PRICE REDUCTION - links to pics

Yahoo group: T-368_BC-610
Date: 2014-08-14 13:20:57 UTC
From: Mike Feher
Topic: 5903  Message: 5906

Maybe they are paying too much attention. Who would want to deal with an arrogant guy like you. I lived in Manassas from 1976 through 1992, and made many great friends there, Had I stayed, we would only have been a mile apart. I had a BC-610, a T-368F on the air which I still have, and so on. If you really want to dispose of that junk, I suggest a more pleasant approach.
73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
Sent: Thursday, August 14, 2014 8:38 AM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] Re: BIG PRICE REDUCTION - links to pics

It has become VERY apparent that members of this list are NOT paying attention!

ONE - I am only talking and posting about THE T-213!

TWO - I am NOT going to do this in bits and pieces! What would I do with all the TUs, Coils, the BC-614, and lord only knows what all else?

THREE - I am in QRZ.com. Don't ask where I am! You have read the posts, you have, own, and use a computer!

I really am astounded!

N0DGN

On 8/14/2014 8:20 AM, kjbible7@... [T-368_BC-610] wrote:

What are you asking for this bc-610 and ant tuner?

Mike kd9awt

# 5907. Re: [T-368_BC-610] Re: BIG PRICE REDUCTION - links to pics

Yahoo group: T-368_BC-610
Date: 2014-08-14 19:52:27 UTC
From: bcarling@...
Topic: 5903  Message: 5907

It is just a common courtesy to mention what your location is in any "for sale" ad, Robert...
Please quit exploding at every earnest buyer who asks.

On 14 Aug 2014 at 8:37, rbethman rbethman@... wrote:

It has become VERY apparent that members of this list are NOT paying attention!

ONE - I am only talking and posting about THE T-213!

TWO - I am NOT going to do this in bits and pieces! What would I do with all the TUs, Coils,
the BC-614, and lord only knows what all else?

THREE - I am in QRZ.com. Don't ask where I am! You have read the posts, you have, own, and use a computer!

I really am astounded!

N0DGN

On 8/14/2014 8:20 AM, kjbible7@... [T-368_BC-610] wrote:

What are you asking for this bc-610 and ant tuner?
Mike kd9awt

Brian Carling, Radio AF4K

---

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If you are using Pegasus Mail, or any other MIME-compliant system,
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---- File information -----------
File: DEFAULT.BMP
Date: 21 Sep 2001, 15:59
Size: 358 bytes.
Type: Unknown

[Non-text portions of this message have been removed]

# 5908. Re: [T-368_BC-610] Re: BIG PRICE REDUCTION - links to pics

Yahoo group: T-368_BC-610
Date: 2014-08-14 22:29:28 UTC
From: rbethman
Topic: 5903  Message: 5908

Folks,

I made that post with no sleep since earlier the prior morning.

I had been up for more than 30 hours. I'm 64 and I have pretty well known abrasive manner and personality.

I don't understand someone asking for the price on a BC-610 and BC-939. Those aren't in the posting.

Their is a difference between a BC-610 vs. T-213

I've posted so many times to this list, and have even been the person that took over the BC-610 registry.

Pleasant approaches are my norm, however I do get fairly cranky when I've gone without sleep.

Such is the way that life runs, and the world turns.

Bob - N0DGN

On 8/14/2014 9:20 AM, 'Mike Feher' n4fs@... [T-368_BC-610] wrote:
>
> Maybe they are paying too much attention. Who would want to deal with
> an arrogant guy like you. I lived in Manassas from 1976 through 1992,
> and made many great friends there, Had I stayed, we would only have
> been a mile apart. I had a BC-610, a T-368F on the air which I still
> have, and so on. If you really want to dispose of that junk, I suggest
> a more pleasant approach. 73 – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
>

# 5909. Earlier post in July - Rudeness

Yahoo group: T-368_BC-610
Date: 2014-08-14 22:37:20 UTC
From: rbethman
Topic: 5909  Message: 5909

Here is what I posted late July:

**** Note - Full Name AND CALL SIGN, not to mention QTH ****

I've been trying to get it out of here for awhile.

Hence my cranky attitude.

Bob - N0DGN

**********
July Post
**********
NOTE: Absolutely NO tubes will be sold independently!

They are intended solely for the use of the equipment that is being sold!

Size, weight, and space a factor. Age of owner is also a factor!

Thinning out the shack!

For Sale

1 T-213, BC-614 speech amp, BC-939 Antenna Tuner.

Tuning units from 2MC through 18MC.

All PA Coils to go with the TUs. (almost two sets.)

Full complement of tubes, number of spares to include 2A3s, 3B28s,
250TH, several 100THs.

1 sick BC-610I

NO SHIPPING! Must pickup!

Asking $2200, firm!

Located in Manassas, VA

Robert Bethman
N0DGN

# 5910. RE: [T-368_BC-610] Re: BIG PRICE REDUCTION - links to pics

Yahoo group: T-368_BC-610
Date: 2014-08-15 03:38:31 UTC
From: Dennis Pharr
Topic: 5903  Message: 5910

Hey Bob:

There's no need to apologize to the folks on this list or the other lists where you frequently post grossly off-topic items. No need at all. I've read through all your posts where you describe in intricate detail all of your health issues and other life challenges. I'm sure everyone on this list fully understands and sympathizes with everything you've had to endure. Because we know, because you've told us, just how awful and terrible your life is on a daily basis. We get it dude. We are picking up what you are putting down.

As for everyone else that subscribes to this list, and others where you post, I'm sure they have never had to suffer through anything like the challenges you have lived through - and you've done it like a champ. Everyone, raise a glass to Bob because he deserves it, Hell, he's owed it.

Me? Who me? Who am I to be talking to you this way? No man, I don't have any stories of suffering or toil that would compare to yours - I'm absolutely certain of that. Because I've read your stories of woe and I get it man, I get it. In fact, I was thinking of you this morning Bob. When I walked out of my house and got in my car to leave for work at about 6:15AM, I was thinking about you and your troubles. I was thinking, wow that Bob sure has it rough. I thought about you again when I got that next customer call at about 11:45AM right as I was getting ready to stop for lunch. I was upset, but then I thought of you Bob. I said, wow ya know, Bob wouldn't get upset in this situation. He would soldier through. So, I hitched up my pants and went on to my next customer - no lunch today. But hey, I know Bob wouldn't complain - I'll be damned if I will.

I thought about you again Bob about 5:15PM when I got a call from my Boss asking me to take the last customer call of the day. I told my boss - Yes Sir!. Because I know that's what Bob would do. I got home about 8:15PM tonight - too late for dinner, but I wasn't hungry anyway. I just thought of poor Bob and how he manages to get through his daily crises while always thinking of others. Way to go Bob.

After I got home tonight, I started filling orders for the small business I run from home. I'll keep working on this until bedtime about midnight tonight. But, this is a typical day for me and has been for about 38 years. I typically work about 65 hours per week on my day job and about 10 to 15 hours per week on my home business. Back in the day, I also worked a third job on the weekends, but my doctor recently asked me to slow down a bit - so I have.

But hey enough about me. We all know my life challenges don't come close to what Bob has had to endure. And Bob you do it all while staying cheerful and helpful to everyone in every situation. I don't know how you do it brother. You are amazing. Keep it up and please keep those off-topic posts coming.....on all the lists. We are all eager to follow along with all your troubles and life challenges. Because Bob, we get it, we get it man.

Oh Bob, one more thing – I have one question for you – let me ask you this. Are you a Taker or a Maker? I think I read that you are 64 years old. Wow man, that’s really, really old. I’m sure you deserve to be a Taker after everything and everyone you’ve had to put up with all your life. I don’t know how you do it or have so much energy to be such a giver.

By the way, I'm 62 years old.

73

Dennis

WD5JWY

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
Sent: Thursday, August 14, 2014 5:29 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] Re: BIG PRICE REDUCTION - links to pics

Folks,

I made that post with no sleep since earlier the prior morning.

I had been up for more than 30 hours. I'm 64 and I have pretty well known abrasive manner and personality.

I don't understand someone asking for the price on a BC-610 and BC-939. Those aren't in the posting.

Their is a difference between a BC-610 vs. T-213

I've posted so many times to this list, and have even been the person that took over the BC-610 registry.

Pleasant approaches are my norm, however I do get fairly cranky when I've gone without sleep.

Such is the way that life runs, and the world turns.

Bob - N0DGN

On 8/14/2014 9:20 AM, 'Mike Feher' n4fs@... [T-368_BC-610] wrote:

Maybe they are paying too much attention. Who would want to deal with an arrogant guy like you. I lived in Manassas from 1976 through 1992, and made many great friends there, Had I stayed, we would only have been a mile apart. I had a BC-610, a T-368F on the air which I still have, and so on. If you really want to dispose of that junk, I suggest a more pleasant approach. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

# 5911. Re: [T-368_BC-610] Re: BIG PRICE REDUCTION - links to pics

Yahoo group: T-368_BC-610
Date: 2014-08-15 04:56:20 UTC
From: rbethman
Topic: 5903  Message: 5911

Hi Folks!

I'm a Taker and a Maker.

I make things happen and I take what flows my way!

I've earned every single bit of grief that I get, and I make my way through life no matter what!

Life is too short to do otherwise.

My issues are mine, I don't want or expect sympathy or empathy!

I appreciate someone thinking about me!

If it helps YOU - then I am glad and happy!

Don't let it get you down!

I can't remember how it was actually written, but it said, "Don't Let The Bast**** Grind You Down!

Remember that one!

Life is what it is. I am ABSOLUTELY positive that there are those that have it much worse than I do!

I'll never be a "Robin Williams"!

All that ever does is destroy the entire family!

I *will* NEVER do that to any of them!

Drive on forward! March into the FIRE! Whether it be flames or weapons fire!

BTW - I taught my daughter as all parents teach their youngsters to run from fire.

Crap, She became an EMT, then decided she wanted to see what her Brothers at the station were going through.

Sure as heck, SHE became a Firefighter!

She was always running FIRST to make entry with the fire axe and the Haligan Bar!

She also spent over 40+ hours in the Pentagon on the immediate call, and did all those hours retrieving remains!

She, as my very good friend, Brother Soldier, and Family Doctor says,
"Has Big Brass Ones Tucked Up Inside!"!

It is so true!

Shoot when you see the whites of their eyes!

I own and concealed carry a .45 ACP Colt, Model 1991A1.

Those that think I have the model number wrong - GO to The Colt website!

They currently sell for over $1K.

I obtained mine from a Brother Warrior Marine in 2006.

That far back they were ONLY sold to Law Enforcement or Military!

Amongst Brother Warriors - We don't ask. We don't TELL!

We accept each other BECAUSE we ARE Brother Warriors!

We are mean, ornery, nasty, and any label you wish!

WE ARE BROTHERS!

Bob - N0DGN

On 8/14/2014 11:38 PM, 'Dennis Pharr' wd5jwy@... [T-368_BC-610] wrote:
>
> Hey Bob:
>
> There's no need to apologize to the folks on this list or the other
> lists where you frequently post grossly off-topic items. No need at
> all. I've read through all your posts where you describe in intricate
> detail all of your health issues and other life challenges. I'm sure
> everyone on this list fully understands and sympathizes with
> everything you've had to endure. Because we know, because you've told
> us, just how awful and terrible your life is on a daily basis. We get
> it dude. We are picking up what you are putting down.
>
> As for everyone else that subscribes to this list, and others where
> you post, I'm sure they have never had to suffer through anything like
> the challenges you have lived through - and you've done it like a
> champ. Everyone, raise a glass to Bob because he deserves it, Hell,
> he's owed it.
>
> Me? Who me? Who am I to be talking to you this way? No man, I don't
> have any stories of suffering or toil that would compare to yours -
> I'm absolutely certain of that. Because I've read your stories of woe
> and I get it man, I get it. In fact, I was thinking of you this
> morning Bob. When I walked out of my house and got in my car to leave
> for work at about 6:15AM, I was thinking about you and your troubles.
> I was thinking, wow that Bob sure has it rough. I thought about you
> again when I got that next customer call at about 11:45AM right as I

> was getting ready to stop for lunch. I was upset, but then I thought
> of you Bob. I said, wow ya know, Bob wouldn't get upset in this
> situation. He would soldier through. So, I hitched up my pants and
> went on to my next customer - no lunch today. But hey, I know Bob
> wouldn't complain - I'll be damned if I will.
>
> I thought about you again Bob about 5:15PM when I got a call from my
> Boss asking me to take the last customer call of the day. I told my
> boss - Yes Sir!. Because I know that's what Bob would do. I got home
> about 8:15PM tonight - too late for dinner, but I wasn't hungry
> anyway. I just thought of poor Bob and how he manages to get through
> his daily crises while always thinking of others. Way to go Bob.
>
> After I got home tonight, I started filling orders for the small
> business I run from home. I'll keep working on this until bedtime
> about midnight tonight. But, this is a typical day for me and has
> been for about 38 years. I typically work about 65 hours per week on
> my day job and about 10 to 15 hours per week on my home business.
> Back in the day, I also worked a third job on the weekends, but my
> doctor recently asked me to slow down a bit - so I have.
>
> But hey enough about me. We all know my life challenges don't come
> close to what Bob has had to endure. And Bob you do it all while
> staying cheerful and helpful to everyone in every situation. I don't
> know how you do it brother. You are amazing. Keep it up and please
> keep those off-topic posts coming.....on all the lists. We are all
> eager to follow along with all your troubles and life challenges.
> Because Bob, we get it, we get it man.
>
> Oh Bob, one more thing – I have one question for you – let me ask you
> this. Are you a Taker or a Maker? I think I read that you are 64
> years old. Wow man, that’s really, really old. I’m sure you deserve
> to be a Taker after everything and everyone you’ve had to put up with
> all your life. I don’t know how you do it or have so much energy to
> be such a giver.
>
> By the way, I'm 62 years old.
>
> 73
>
> Dennis
>
> WD5JWY
>

# 5912. How far

Yahoo group: T-368_BC-610
Date: 2014-08-15 05:22:16 UTC
From: rbethman
Topic: 5912  Message: 5912

I'll tell anyone plain and simple.

How far will I take?

I don't know, I haven't found the limit!

I use "BFI, "Brute Force and Ignorance".

I refuse to succumb to scumbags whom may try to rob, carjack, harm me or ANY Family!

I will do whatever it takes to stop it in its TRACKS!

I carry a flashlight Stungun. It simply looks like a bright LED flashlight.

It is on my suspenders. It is tied to them with a miniature bungee cord.

I just yank it, slide the switch backwards,, and press the button on the other side.

Put against a person as I press the button.

Then I will decide whether to break *IT* apart, beat IT unmercifully, shoot IT, or call the Cops. (Crap, that would take to long waiting! Guess I could just keep zapping if it moves!)

How much will I MAKE.

Everything and anything! Grief, heartburn, and anything you can imagine!

I make things happen simply because I've spent my life doing whatever it takes to get a train or anything/anybody, back on track!

That folks is Bob!

Folks like me, hate me, love me, or otherwise.

Personally - I don't CARE! It is THEIR issue! Not Mine!

Old Sarge
Bob - N0DGN

# 5913. forum

Yahoo group: T-368_BC-610
Date: 2014-08-15 06:56:08 UTC
From: Alan Morriss
Topic: 5913  Message: 5913

hello guys , i thought that this was supposed to be a technical forum where like minded people could exchange information and help one another. please do not bring personalities into it , as we all know where this leads. alan G4GEN

# 5914. RE: [T-368_BC-610] forum

Yahoo group: T-368_BC-610
Date: 2014-08-15 08:37:38 UTC
From: Mike Feher
Topic: 5913  Message: 5914

Yes, it led to us learning about your personality. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
Sent: Friday, August 15, 2014 2:56 AM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] forum

hello guys , i thought that this was supposed to be a technical forum where like minded people could exchange information and help one another. please do not bring personalities into it , as we all know where this leads. alan G4GEN

# 5915. Re: [T-368_BC-610] forum

Yahoo group: T-368_BC-610
Date: 2014-08-15 10:45:56 UTC
From: rbethman
Topic: 5913  Message: 5915

To the List.

I didn't bring it here.

*I apologize if it upsets ANYONE!*

I go in peace.

Let it all lie as a sleeping dog.

Bob - N0DGN

On 8/15/2014 2:56 AM, Alan Morriss mohawk@... [T-368_BC-610] wrote:
>
> hello guys , i thought that this was supposed to be a technical forum
> where like minded people could exchange information and help one
> another. please do not bring personalities into it , as we all know
> where this leads. alan G4GEN
>

# 5916. SOLD - Heavy Metal

Yahoo group: T-368_BC-610
Date: 2014-08-17 16:17:20 UTC
From: rbethman
Topic: 5916  Message: 5916

I indeed have a buyer.

ALL items on my heavy metal sale *are* spoken for!

Bob - N0DGN

# 5917. Re: [T-368_BC-610] How far

Yahoo group: T-368_BC-610
Date: 2014-08-18 16:17:17 UTC
From: Joe Foley
Topic: 5912  Message: 5917

Ok Bob.

you've had your say, can it.

Joe  LIST OWNER!

On Friday, August 15, 2014 1:22 AM, "rbethman rbethman@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com> wrote:

I'll tell anyone plain and simple.

How far will I take?

I don't know, I haven't found the limit!

I use "BFI, "Brute Force and Ignorance".

I refuse to succumb to scumbags whom may try to rob, carjack, harm me or ANY Family!

I will do whatever it takes to stop it in its TRACKS!

I carry a flashlight Stungun. It simply looks like a bright LED flashlight.

It is on my suspenders. It is tied to them with a miniature bungee cord.

I just yank it, slide the switch backwards,, and press the button on the other side.

Put against a person as I press the button.

Then I will decide whether to break *IT* apart, beat IT unmercifully, shoot IT, or call the Cops. (Crap, that would take to long waiting! Guess I could just keep zapping if it moves!)

How much will I MAKE.

Everything and anything! Grief, heartburn, and anything you can imagine!

I make things happen simply because I've spent my life doing whatever it takes to get a train or anything/anybody, back on track!

That folks is Bob!

Folks like me, hate me, love me, or otherwise.

Personally - I don't CARE! It is THEIR issue! Not Mine!

Old Sarge
Bob - N0DGN

# 5918. Re: [T-368_BC-610] forum

Yahoo group: T-368_BC-610
Date: 2014-08-18 16:19:56 UTC
From: Joe Foley
Topic: 5913  Message: 5918

Yeah, I thought so, too.

I just mentioned that to Bob so we'll see what happens.

Joe LIST OWNER

On Friday, August 15, 2014 6:46 AM, "rbethman rbethman@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com> wrote:

To the List.

I didn't bring it here.

I apologize if it upsets ANYONE!

I go in peace.

Let it all lie as a sleeping dog.

Bob - N0DGN

On 8/15/2014 2:56 AM, Alan Morriss mohawk@... [T-368_BC-610] wrote:

>hello guys , i thought that this was supposed to be a technical forum where like minded people could exchange information and help one another. please do not bring personalities into it , as we all know where this leads. alan G4GEN
>

# 5919. This List

Yahoo group: T-368_BC-610
Date: 2014-08-19 05:42:27 UTC
From: rbethman
Topic: 5919  Message: 5919

ALL,

1) I will no longer be posting to this list. I am out of the
BC-610/T-213 business entirely.

2) Joe Foley will need to get someone else to take over the BC-610
Registry.

There will not be any further posts by me that will get into what was
brought here by other individual/individuals.

The physical issues I have is what prompted the sale of all items in
regard BC-610 and T-213.

All is done and over with.

The T-213 departs here today.

Good luck, and the best to all!

Sincerely,
Bob N0DGN

# 5920. post

Yahoo group: T-368_BC-610
Date: 2014-08-19 07:31:27 UTC
From: Alan Morriss
Topic: 3200  Message: 5920

cheerio bob. i have always been interested in what you had to say. actually , i have learned a lot from everyone on this site. alan

# 5921. T 368C

Yahoo group: T-368_BC-610
Date: 2014-08-22 17:22:11 UTC
From: wc4don@...
Topic: 5921  Message: 5921

Well after almost 2 years and more problems then you can shake a stick at my T3 is on the air. Simple things but it took 2 men a lot smarter then me to find all the problems that came up. I biggie was the Cannon plug from the Mod deck to the RF deck .. a little smoked on the outside pins but plum fried to the point where it almost burnt thru the two layers .. that was the big problem and blew 3( R54 GY ) rectifiers before we found the problem .. other then that simple things.. now to get the R390A hooked up to it and get on the air ASAP .. LOL Hope to hear and work a bunch of you all ..

73 Don WC4D

# 5922. Re: [T-368_BC-610] T 368C

Yahoo group: T-368_BC-610
Date: 2014-08-22 17:29:17 UTC
From: Mark J. Blair
Topic: 5921  Message: 5922

On Aug 22, 2014, at 10:22 , wc4don@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:
> Well after almost 2 years and more problems then you can shake a stick at my T3 is on the air. Simple things but it took 2 men a lot smarter then me to find all the problems that came up. I biggie was the Cannon plug from the Mod deck to the RF deck .. a little smoked on the outside pins but plum fried to the point where it almost burnt thru the two layers .. that was the big problem and blew 3( R54 GY ) rectifiers before we found the problem .. other then that simple things.. now to get the R390A hooked up to it and get on the air ASAP .. LOL Hope to hear and work a bunch of you all ..
>

Congratulations! It sure must feel great to finally have it on the air.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 5923. RE: [T-368_BC-610] T 368C

Yahoo group: T-368_BC-610
Date: 2014-08-22 21:15:01 UTC
From: Steve Gajkowski
Topic: 5921  Message: 5923

Congrats, I have 3 to do and another to help with.. Mine is 75%, HV breaker trips on high power.

Kd3ht

_____

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
Sent: Friday, August 22, 2014 1:29 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] T 368C

On Aug 22, 2014, at 10:22 , wc4don@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:
> Well after almost 2 years and more problems then you can shake a stick at my T3 is on the air. Simple things but it took 2 men a lot smarter then me to find all the problems that came up. I biggie was the Cannon plug from the Mod deck to the RF deck .. a little smoked on the outside pins but plum fried to the point where it almost burnt thru the two layers .. that was the big problem and blew 3( R54 GY ) rectifiers before we found the problem .. other then that simple things.. now to get the R390A hooked up to it and get on the air ASAP .. LOL Hope to hear and work a bunch of you all ..
>

Congratulations! It sure must feel great to finally have it on the air.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 5924. T3 & R390A question

Yahoo group: T-368_BC-610
Date: 2014-08-23 13:02:36 UTC
From: wc4don@...
Topic: 5924  Message: 5924

Ok now I have the T3 going now it's time to hook up the R390A to it .. is it safe to just hook up the R390A to the T3 thru the receive outlet on the side? Or should I make a muting relay setup for the R390A? I'm so ready to get this on the air but I still have them little thoughts going thru my head. And I'd just die if I poured 400 watts straight into my R390A .. I hooked up the receiver last night thru the T3 and it worked fine but I had the T3 off . I know the T3 has a relay in it for this job .. but is it safe is what I'd like to know or did you guys go another route ..

73 Don WC4D

# 5925. Re: [T-368_BC-610] T3 & R390A question

Yahoo group: T-368_BC-610
Date: 2014-08-23 14:15:58 UTC
From: Dave Mayfield
Topic: 5924  Message: 5925

Don of course it's safe. That's what the antenna relay is there for.
There are also connections there for the muting.

On 8/23/2014 7:02 AM, wc4don@... [T-368_BC-610] wrote:
>
> Ok now I have the T3 going now it's time to hook up the R390A to it ..
> is it safe to just hook up the R390A to the T3 thru the receive outlet
> on the side? Or should I make a muting relay setup for the R390A? I'm
> so ready to get this on the air but I still have them little thoughts
> going thru my head. And I'd just die if I poured 400 watts straight
> into my R390A .. I hooked up the receiver last night thru the T3 and
> it worked fine but I had the T3 off . I know the T3 has a relay in it
> for this job .. but is it safe is what I'd like to know or did you
> guys go another route ..
>
> 73 Don WC4D
>
>

# 5926. T368 and CW

Yahoo group: T-368_BC-610
Date: 2014-08-23 14:24:35 UTC
From: Mike Kana
Topic: 5926  Message: 5926

Hi all
Are the wires for a cw key brought out the cannon connector?
I have a West German NATO key with the standard GRC plug and wanted to try it on the T3
73 de Mike
AA9IL

Warning! This is transmitted over a non secure medium

# 5927. Re: [T-368_BC-610] T3 & R390A question

Yahoo group: T-368_BC-610
Date: 2014-08-23 15:36:51 UTC
From: Mark J. Blair
Topic: 5924  Message: 5927

On Aug 23, 2014, at 06:02 , wc4don@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:

> Ok now I have the T3 going now it's time to hook up the R390A to it .. is it safe to just hook up the R390A to the T3 thru the receive outlet on the side?

It is safe for the receiver to simply do that, assuming that your T/R relay inside the T-368 is working properly. And it's probably working properly if power comes out the antenna connector when you transmit and nobody has hacked up the innards. The T-368 will disconnect the receiver from the antenna and short the receiver's antenna feed to ground while transmitting.

> Or should I make a muting relay setup for the R390A?

Doing so will improve your satisfaction while operating. Although the transmitter will ground the receiver's antenna feed at the T/R relay, the receiver will still pick up plenty of stray RF, so you'll need to reach for the volume knob every time you transmit to avoid audio feedback (assuming you're using a speaker). Adding the muting connection makes life easier, and you can always still disable the muting with the break-in relay knob on the front of the R-390A when you wish to zero-beat the transmitter and receiver together.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 5928. Re: [T-368_BC-610] T3 & R390A question

Yahoo group: T-368_BC-610
Date: 2014-08-23 16:39:56 UTC
From: wa5cab@...
Topic: 5924  Message: 5928

Pin J on remote control recepticle J12 is connected to ground during transmit by Slow Release Relay K1A (basic model) or K9 (lettered models). This was provided to operate a receiver mute circuit in AN/GRC-26D. Details vary depending upon which receivers were used.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

In a message dated 08/23/2014 10:36:54 AM Central Daylight Time,
T-368_BC-610@yahoogroups.com writes:
> On Aug 23, 2014, at 06:02 , wc4don@... [T-368_BC-610] <
> T-368_BC-610@yahoogroups.com> wrote:
>
> >Ok now I have the T3 going now it's time to hook up the R390A to it .. is
> it safe to just hook up the R390A to the T3 thru the receive outlet on the
> side?
>
> It is safe for the receiver to simply do that, assuming that your T/R
> relay inside the T-368 is working properly. And it's probably working properly
> if power comes out the antenna connector when you transmit and nobody has
> hacked up the innards. The T-368 will disconnect the receiver from the
> antenna and short the receiver's antenna feed to ground while transmitting.
>
>
> >Or should I make a muting relay setup for the R390A?
>
> Doing so will improve your satisfaction while operating. Although the
> transmitter will ground the receiver's antenna feed at the T/R relay, the
> receiver will still pick up plenty of stray RF, so you'll need to reach for the
> volume knob every time you transmit to avoid audio feedback (assuming
> you're using a speaker). Adding the muting connection makes life easier, and you
> can always still disable the muting with the break-in relay knob on the
> front of the R-390A when you wish to zero-beat the transmitter and receiver
> together.
>
> --
> Mark J. Blair, NF6X <nf6x@...>
> http://www.nf6x.net/

# 5929. T3 & R390A

Yahoo group: T-368_BC-610
Date: 2014-08-23 19:07:08 UTC
From: Don Allison
Topic: 5929  Message: 5929

I'm not a tech in any since of the word .. but I know enough to maybe light a light bulb .. I know where the remote plug is and where pin J is .. so your saying if I run a wire up to my R390A to where the Break In screw is on the back of the R390A that will provide the ground I need to mute the receiver .. is that right? I've taken a jumper and turned the knob on the front panel to where the Break In switch says ON and I took the jumper and went from Break In screw on the back to ground and it muted the receiver .. so that's what pin J will do if I'm understanding you right. It just provides the ground when the transmitter is transmitting right ? And will provide a ground and mute the old R390A .. simple enough but just checking to make sure I've looked every where in the books I have an I couldn't find nothing good like this LOL .. thank you so much it means so much to US out there that need help and don't know where to turn to ..

73 Don WC4D

# 5930. Re: [T-368_BC-610] T3 & R390A

Yahoo group: T-368_BC-610
Date: 2014-08-23 20:47:03 UTC
From: wa5cab@...
Topic: 5929  Message: 5930

Don,

Short answer is Yes. On the R-390A, with the BREAKIN switch ON, grounding terminal 9 of TB-103 operates the breaking relay which grounds the low-level audio at the top of the LOCAL and LINE LEVEL pots. Among other things. To be on the safe side, I would also run a ground wire from J12 pin E to TB103 terminal 16.

And to make sure that no one has monkeyed with the wiring in the T-368, I would put a voltmeter between J12 pin J and chassis, and key the transmitter. You shouldn't get anything, either AC or DC. Then switch the meter to Rx1 and repeat. You should get about zero ohms with the transmitter keyed. Finally, make sure that J12 pin E is connected to chassis (ground). One of the schematics in the -35 Depot manual shows it tied to the audio line shields but doesn't actually show it as tied to ground. The basic and A model schematics show it tied to both the shields and to ground.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

In a message dated 08/23/2014 14:07:11 PM Central Daylight Time,
T-368_BC-610@yahoogroups.com writes:
> I'm not a tech in any since of ?the word .. but I know enough to maybe
> light a light bulb .. I know where the remote plug is and where pin J is ..
> so your saying if I run a wire up to my R390A to where the Break In screw is
> on the back of the R390A that will provide the ground I need to mute the
> receiver .. is that right? I've taken a jumper and turned the knob on the
> front panel to where the Break In switch says ON and I took the jumper and
> went from Break In screw on the back to ground and it muted the receiver ..
> so that's what pin J will do if I'm understanding you right. It just
> provides the ground when the transmitter is transmitting right ? And will provide
> a ground and mute the old R390A .. simple enough but just checking to make
> sure I've looked every where in the books I have an I couldn't find
> nothing good like this LOL .. thank you so much it means so much to US out there
> that need help and don't know where to turn to ..
>
>
> 73 Don WC4D
>
>

# 5931. Re: [T-368_BC-610] T3 & R390A

Yahoo group: T-368_BC-610
Date: 2014-08-24 13:49:32 UTC
From: Dave Mayfield
Topic: 5929  Message: 5931

Don, it always concerns me when a guy like you describe yourself as not being a Tech starts to mess around with something like a T-3. You do understand that the T-3 can KILL YOU if you start touching the wrong stuff, right?

Dave

On 8/23/2014 1:07 PM, Don Allison wc4don@... [T-368_BC-610] wrote:
> I'm not a tech in any since of the word .. but I know enough to maybe
> light a light bulb .. I know where the remote plug is and where pin J
> is .. so your saying if I run a wire up to my R390A to where the Break
> In screw is on the back of the R390A that will provide the ground I
> need to mute the receiver .. is that right? I've taken a jumper and
> turned the knob on the front panel to where the Break In switch says
> ON and I took the jumper and went from Break In screw on the back to
> ground and it muted the receiver .. so that's what pin J will do if
> I'm understanding you right. It just provides the ground when the
> transmitter is transmitting right ? And will provide a ground and mute
> the old R390A .. simple enough but just checking to make sure I've
> looked every where in the books I have an I couldn't find nothing good
> like this LOL .. thank you so much it means so much to US out there
> that need help and don't know where to turn to ..
>
> 73 Don WC4D
>

# 5932. No Worries

Yahoo group: T-368_BC-610
Date: 2014-08-24 13:04:04 UTC
From: Don Allison
Topic: 5932  Message: 5932

Your right Dave about the T3 being dangerous and that's why when it comes to working on the inside stuff that I leave it to my friends who know plenty. I can recap and change out resistors and stuff on my SP600's and I don't worry a bit about doing that stuff but , I won't mess we high voltages. I was a lineman in the Air Force and I know what it can do and how it does it.. That's one reason it taken almost 2 years to get this rig on the air. I have to depend on others when it's convent for them and I just don't bug them until they ask and they always jump in with both feet .. I have so many projects going on around here it's crazy .. I'm building an amp that runs a pair of 813's but I'm only doing the chasse stuff and my buddy is building the power supply. I built about 60 percent of an ART 13 power supply and with help it's on the air now also .. but I have great respect for the HV .. thank you for your concerns and the hobby needs people like you to warn other who might not know the dangers.. I hope you have a great weekend what's left of it ..

73 Don WC4D

# 5933. RE: [T-368_BC-610] T3 & R390A

Yahoo group: T-368_BC-610
Date: 2014-08-24 13:07:07 UTC
From: Mike Feher
Topic: 5929  Message: 5933

You are indeed right Dave, and I wish Don all the best. What is even scarier is that Don has an extra class license, which should allow him to have a fair understanding of electronics and the associated dangers. How is that possible? Regardless, as I said, I wish him well, and hope we get another T3 on the air. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
Sent: Sunday, August 24, 2014 9:50 AM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] T3 & R390A

Don, it always concerns me when a guy like you describe yourself as not being a Tech starts to mess around with something like a T-3. You do understand that the T-3 can KILL YOU if you start touching the wrong stuff, right?

Dave

On 8/23/2014 1:07 PM, Don Allison wc4don@... [T-368_BC-610] wrote:

I'm not a tech in any since of the word .. but I know enough to maybe light a light bulb .. I know where the remote plug is and where pin J is .. so your saying if I run a wire up to my R390A to where the Break In screw is on the back of the R390A that will provide the ground I need to mute the receiver .. is that right? I've taken a jumper and turned the knob on the front panel to where the Break In switch says ON and I took the jumper and went from Break In screw on the back to ground and it muted the receiver .. so that's what pin J will do if I'm understanding you right. It just provides the ground when the transmitter is transmitting right ? And will provide a ground and mute the old R390A .. simple enough but just checking to make sure I've looked every where in the books I have an I couldn't find nothing good like this LOL .. thank you so much it means so much to US out there that need help and don't know where to turn to ..

73 Don WC4D

# 5934. Re: [T-368_BC-610] T3 & R390A

Yahoo group: T-368_BC-610
Date: 2014-08-24 15:09:33 UTC
From: N Hairston
Topic: 5929  Message: 5934

Great advice to an admitted newcomer, Dave. Wouldn't hurt the rest of us either.

Harold

On 8/24/2014 9:49 AM, Dave Mayfield wrl@... [T-368_BC-610] wrote:
>
> Don, it always concerns me when a guy like you describe yourself as
> not being a Tech starts to mess around with something like a T-3. You
> do understand that the T-3 can KILL YOU if you start touching the
> wrong stuff, right?
>
> Dave
>
>
> On 8/23/2014 1:07 PM, Don Allison wc4don@... [T-368_BC-610] wrote:
>> I'm not a tech in any since of the word .. but I know enough to
>> maybe light a light bulb .. I know where the remote plug is and where
>> pin J is .. so your saying if I run a wire up to my R390A to where
>> the Break In screw is on the back of the R390A that will provide the
>> ground I need to mute the receiver .. is that right? I've taken a
>> jumper and turned the knob on the front panel to where the Break In
>> switch says ON and I took the jumper and went from Break In screw on
>> the back to ground and it muted the receiver .. so that's what pin J
>> will do if I'm understanding you right. It just provides the ground
>> when the transmitter is transmitting right ? And will provide a
>> ground and mute the old R390A .. simple enough but just checking to
>> make sure I've looked every where in the books I have an I couldn't
>> find nothing good like this LOL .. thank you so much it means so much
>> to US out there that need help and don't know where to turn to ..
>>
>> 73 Don WC4D
>
>

# 5935. Re: [T-368_BC-610] T3 & R390A

Yahoo group: T-368_BC-610
Date: 2014-08-24 16:47:29 UTC
From: Don Allison
Topic: 5929  Message: 5935

Mike I wrote Dave a message and thanked him for his concerns. I worked on power lines for many years and I have a very good understanding of HV and I've seen several of my fellow co workers who made a simple mistake and they lost either their life's or limbs from it.. So I well know the dangers and I'm also smart enough to let someone who knows more about working with HV work on it then doing it myself. I've built several amps and rebuilt several SP 600's but I know my limits and I seek help in them areas. I don't see where me being an extra class op has any thing to do with me owning a T3 .. I'm a radio operator not an electrical engineer and I admit that myself but I can read a print and I know enough to know when and where to stop and I sure enough know what HV can do. But I thanked Dave for his concerns and it's good to know others have good intentions of helping others out there like me who learn by the seat of there pants and are good listeners and have Great Friends who are always willing to lend a helping hand ..

73 Don and thank you everyone for all that I get from you all

On Sun, Aug 24, 2014 at 9:07 AM, 'Mike Feher' n4fs@...
[T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:

>
>
> You are indeed right Dave, and I wish Don all the best. What is even
> scarier is that Don has an extra class license, which should allow him to
> have a fair understanding of electronics and the associated dangers. How is
> that possible? Regardless, as I said, I wish him well, and hope we get
> another T3 on the air. 73 – Mike
>
>
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
>
>
> *From:* T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
>
> *Sent:* Sunday, August 24, 2014 9:50 AM
> *To:* T-368_BC-610@yahoogroups.com

> *Subject:* Re: [T-368_BC-610] T3 & R390A
>
>
>
>
>
> Don, it always concerns me when a guy like you describe yourself as not
> being a Tech starts to mess around with something like a T-3. You do
> understand that the T-3 can KILL YOU if you start touching the wrong stuff,
> right?
>
> Dave
>
> On 8/23/2014 1:07 PM, Don Allison wc4don@... [T-368_BC-610] wrote:
>
>
>
> I'm not a tech in any since of the word .. but I know enough to maybe
> light a light bulb .. I know where the remote plug is and where pin J is ..
> so your saying if I run a wire up to my R390A to where the Break In screw
> is on the back of the R390A that will provide the ground I need to mute the
> receiver .. is that right? I've taken a jumper and turned the knob on the
> front panel to where the Break In switch says ON and I took the jumper and
> went from Break In screw on the back to ground and it muted the receiver ..
> so that's what pin J will do if I'm understanding you right. It just
> provides the ground when the transmitter is transmitting right ? And will
> provide a ground and mute the old R390A .. simple enough but just checking
> to make sure I've looked every where in the books I have an I couldn't find
> nothing good like this LOL .. thank you so much it means so much to US out
> there that need help and don't know where to turn to ..
>
>
>
> 73 Don WC4D
>
>
>
>
>

# 5936. Re: [T-368_BC-610] No Worries

Yahoo group: T-368_BC-610
Date: 2014-08-25 13:10:07 UTC
From: Dave Mayfield
Topic: 5932  Message: 5936

Ok, just wanted to make sure you understood that. I'm no expert myself,
but I don't mind working with high voltage,

Dave

On 8/24/2014 7:04 AM, Don Allison wc4don@... [T-368_BC-610] wrote:
> Your right Dave about the T3 being dangerous and that's why when it
> comes to working on the inside stuff that I leave it to my friends who
> know plenty. I can recap and change out resistors and stuff on my
> SP600's and I don't worry a bit about doing that stuff but , I won't
> mess we high voltages. I was a lineman in the Air Force and I know
> what it can do and how it does it.. That's one reason it taken almost
> 2 years to get this rig on the air. I have to depend on others when
> it's convent for them and I just don't bug them until they ask and
> they always jump in with both feet .. I have so many projects going on
> around here it's crazy .. I'm building an amp that runs a pair of
> 813's but I'm only doing the chasse stuff and my buddy is building the
> power supply. I built about 60 percent of an ART 13 power supply
> and with help it's on the air now also .. but I have great respect for
> the HV .. thank you for your concerns and the hobby needs people like
> you to warn other who might not know the dangers.. I hope you have a
> great weekend what's left of it ..
>
> 73 Don WC4D
>

# 5937. Hi! Only for you! !!!

Yahoo group: T-368_BC-610
Date: 2014-08-30 14:25:39 UTC
From: Charlie's Place
Topic: 5937  Message: 5937

Wow
http://avtoliteratura.net/ecjalylqt/32261.html?79=wbcpar&005&bkzwaqgn==46416

Charlie's Place

he sat down
yu boys dont want to get gay with me
The command would come and then— she leaned forw
And sped along a cobbled slum lined with the dark

_____
He entertains in a mild and pleasant way 30.08.2014 18:27:53

# 5942. D 104

Yahoo group: T-368_BC-610
Date: 2014-09-01 13:12:01 UTC
From: wc4don@...
Topic: 5942  Message: 5942

I was just wondering if anyone had used a amplified D 104 instead of the non amplified one. I would think if you cut the mic gain down low it wouldn't be any different then a non amplified one? So if anyone has anything they can help me with let me know .. and if you have another type of mic that your using let me know your using and how you like it ..

73 Don WC4D

# 5943. Re: [T-368_BC-610] D 104

Yahoo group: T-368_BC-610
Date: 2014-09-01 13:20:56 UTC
From: Don Allison
Topic: 5942  Message: 5943

I forgot to add that this is going on a T368 ...

On Mon, Sep 1, 2014 at 9:12 AM, wc4don@... [T-368_BC-610] <
T-368_BC-610@yahoogroups.com> wrote:

> 
> 
> I was just wondering if anyone had used a amplified D 104 instead of the
> non amplified one. I would think if you cut the mic gain down low it
> wouldn't be any different then a non amplified one? So if anyone has
> anything they can help me with let me know .. and if you have another type
> of mic that your using let me know your using and how you like it ..
> 
> 
> 73 Don WC4D
> 
> 
> 

# 5944. Re: [T-368_BC-610] D 104

Yahoo group: T-368_BC-610
Date: 2014-09-01 14:55:32 UTC
From: kc9ieq
Topic: 5942  Message: 5944

Don,

Unless you have modified the mic/line inputs for use with a high impedance source,  you will WANT an amplified D-104.  There needs to be a buffer between the very high impedance crystal mic element, and the 600ohm inputs.  (Termination resistance is less than 25K here, and should be at least 2Meg for a crystal element.)  Also remember you must remove or decouple the DC potential if using the carbon mic input with anything but a carbon mic.

Regards,
Chris kc9ieq

Sent from my really dumb smartphone

-------- Original message --------
From: "Don Allison wc4don@gmail.com [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
Date:09/01/2014 8:20 AM (GMT-06:00)
To: "wa5cab@cs.com [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
Cc:
Subject: Re: [T-368_BC-610] D 104

I forgot to add that this is going on a T368 ...

On Mon, Sep 1, 2014 at 9:12 AM, wc4don@gmail.com [T-368_BC-610]
<T-368_BC-610@yahoogroups.com> wrote:

I was just wondering if anyone had used a amplified D 104 instead of the non amplified one. I would think if you cut the mic gain down low it wouldn't be any different then a non amplified one? So if anyone has anything they can help me with let me know .. and if you have another type of mic that your using let me know your using and how you like it ..

73 Don WC4D

# 5945. Re: [T-368_BC-610] D 104

Yahoo group: T-368_BC-610
Date: 2014-09-01 15:55:08 UTC
From: Tom Mackie
Topic: 5942  Message: 5945

Don,
Yes, I use an D104 with the 70's era amplified base TUG-8 or TUG-9. From memory it is connected via the front panel carbon mic input. There were a couple of minor mods for disconnecting the carbon mic voltage as well as bypassing the clipper. Reports are always good.
73
Tom

Mobile Communications

On Sep 1, 2014, at 9:12 AM, "wc4don@...<mailto:wc4don@...> [T-368_BC-610]" <T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>> wrote:

I was just wondering if anyone had used a amplified D 104 instead of the non amplified one. I would think if you cut the mic gain down low it wouldn't be any different then a non amplified one? So if anyone has anything they can help me with let me know .. and if you have another type of mic that your using let me know your using and how you like it ..

73 Don WC4D

# 5946. Re: [T-368_BC-610] D 104

Yahoo group: T-368_BC-610
Date: 2014-09-01 16:43:33 UTC
From: Rodger Hough
Topic: 5942  Message: 5946

I used the amplified D-104 with my T-368 and it worked just fine. Bought the matching mic connector from Fair Radio and wired it up. I did disconnect the carbon mic bias voltage from the connector and taped it up.

On Sep 1, 2014, at 9:12 AM, wc4don@... [T-368_BC-610] wrote:

>
>
> I was just wondering if anyone had used a amplified D 104 instead of the non amplified one. I would think if you cut the mic gain down low it wouldn't be any different then a non amplified one? So if anyone has anything they can help me with let me know .. and if you have another type of mic that your using let me know your using and how you like it ..
>
>
>
> 73 Don WC4D
>
>
>

# 5947. Re: Wanted : JB-70 for BC-610

Yahoo group: T-368_BC-610
Date: 2014-09-01 18:45:08 UTC
From: Roger@...
Topic: 5940  Message: 5947

Scott, I recently bought a JB-70A top cover from Jan Wassink, e-mail address wassinkj (at) zonnet.nl. Jan has tons of BC-610 gear but the downside is shipping cost from Holland.

Good hunting,

Roger/G3VKM - Norfolk, England. Roger (at) new-gate.co.uk

---In T-368_BC-610@yahoogroups.com, <bogue182@...> wrote :

Trying to complete a BC 610 set up. I am looking for a JB 70 control box in any reasonable condition. Please reply to let me know what you have. Thanks, Scott NB7N

# 5948. Re: [T-368_BC-610] D 104

Yahoo group: T-368_BC-610
Date: 2014-09-01 19:45:03 UTC
From: Don Allison
Topic: 5942  Message: 5948

Thank you Roger, this rig was owned by one of the fellows who is a member of this group. John had this transmitter for several years and he got it from another W8 call and he was the one who did the mods to this rig. It's had the audio mod done to it and you can connect to the carbon mic plug on the front. Several of my friends keep asking me if I've put the T3 on the air yet and I'm just taking my time to make sure every thing is going to go right ! . It's tuned up for 3.885 and the only thing now is the mic and it's done also .. last weeks question was getting the R390A to mute when the T3 was keyed up and that question has been answered so all there is to do now is JUST DO IT .. I know what ever breaks can be fixed but there's always that little doubt in my mind that something just isn't right and I have to over come that I guess. I love this old rig and my R390A and after looking at them for almost 2 years.. it's time to do it guess LOL .. thank you for all your input and others who have helped me in my quest to get this beast on the air.. so everyone be listening soon for WC4D to be on the AIR .. LOL .. thanks again

73 Don WC4D 1 more question and I'm done .. I have 2 fans mounted on a bar that will either blow air on to the 4-125's or pull air out .. anyone want to give me a suggestion push or pull .. I was thinking push the air in but another told me to pull the air out so the cold air doesn't hit the hot tubes ..

On Mon, Sep 1, 2014 at 12:43 PM, Rodger Hough k1hh@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:

> 
> 
> I used the amplified D-104 with my T-368 and it worked just fine. Bought
> the matching mic connector from Fair Radio and wired it up. I did
> disconnect the carbon mic bias voltage from the connector and taped it up.
> 
> 
> On Sep 1, 2014, at 9:12 AM, wc4don@... [T-368_BC-610] wrote:
> 
> 
> 
> 
> I was just wondering if anyone had used a amplified D 104 instead of the
> non amplified one. I would think if you cut the mic gain down low it
> wouldn't be any different then a non amplified one? So if anyone has
> anything they can help me with let me know .. and if you have another type
> of mic that your using let me know your using and how you like it ..
> 
> 

> 73 Don WC4D
>
>
>
>

# 5949. Re: [T-368_BC-610] D 104

Yahoo group: T-368_BC-610
Date: 2014-09-01 21:34:13 UTC
From: Don Allison
Topic: 5942  Message: 5949

On Mon, Sep 1, 2014 at 11:55 AM, Tom Mackie tom_mackie@...
[T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:

> Don,
> Yes, I use an D104 with the 70's era amplified base TUG-8 or TUG-9. From
> memory it is connected via the front panel carbon mic input. There were a
> couple of minor mods for disconnecting the carbon mic voltage as well as
> bypassing the clipper. Reports are always good.
> 73
> Tom
>
> Mobile Communications
>
> On Sep 1, 2014, at 9:12 AM, "wc4don@...<mailto:wc4don@...>
> [T-368_BC-610]" <T-368_BC-610@yahoogroups.com<mailto:
> T-368_BC-610@yahoogroups.com>> wrote:
>
>
>
>
> I was just wondering if anyone had used a amplified D 104 instead of the
> non amplified one. I would think if you cut the mic gain down low it
> wouldn't be any different then a non amplified one? So if anyone has
> anything they can help me with let me know .. and if you have another type
> of mic that your using let me know your using and how you like it ..
>
>
> 73 Don WC4D
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>
> Yahoo Groups Links
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[Non-text portions of this message have been removed]

# 5950. Re: [T-368_BC-610] D 104

Yahoo group: T-368_BC-610
Date: 2014-09-02 12:59:12 UTC
From: Dave Mayfield
Topic: 5942  Message: 5950

Yes, I use a Amplified D-104, and I get great audio reports.

W9WRL

On 9/1/2014 7:12 AM, wc4don@... [T-368_BC-610] wrote:
>
> I was just wondering if anyone had used a amplified D 104 instead of
> the non amplified one. I would think if you cut the mic gain down low
> it wouldn't be any different then a non amplified one? So if anyone
> has anything they can help me with let me know .. and if you have
> another type of mic that your using let me know your using and how you
> like it ..
>
>
> 73 Don WC4D
>
>

# 5951. Re: Wanted : JB-70 for BC-610

Yahoo group: T-368_BC-610
Date: 2014-09-06 08:54:47 UTC
From: Roger@...
Topic: 5940  Message: 5951

Scott,

I have had a message from Jan Wassink/PA3HCO who says he has tried twice to respond to your enquiry about a JB-70 but his messages have bounced. I have forwarded you Jan's msg, so if you don't see it in your inbox then there is a problem somewhere. Jan has a business contact with some BC-614/JB-70 pairs for sale.

73

Roger/G3VKM

# 5952. BC-614-C(?) Baseplate for disposal

Yahoo group: T-368_BC-610
Date: 2014-09-06 09:11:23 UTC
From: Roger@...
Topic: 5952  Message: 5952

Hi All,

When I bought my BC-610 and accessories, it came with a baseplate for an early model BC-614. This won't fit my BC-614-E so is surplus to requirements here. If anyone needs such a plate drop me a line at:-

Roger (at) new-gate.co.uk

73

Roger/G3VKM - Norfolk, England.

# 5955. Still Looking: Want JB-70 For BC-610

Yahoo group: T-368_BC-610
Date: 2014-09-21 19:25:36 UTC
From: bogue182@...
Topic: 5955  Message: 5955

Trying to complete a BC 610 set up. I am looking for a JB 70 control box in any reasonable condition. Please reply to let me know what you have. Thanks, Scott NB7N bogue182 at gmail dot com

# 5956. Re: [T-368_BC-610] Still Looking: Want JB-70 For BC-610

Yahoo group: T-368_BC-610
Date: 2014-09-22 03:46:54 UTC
From: John King
Topic: 5955  Message: 5956

Scott, I have a JB70 that came with one of my two BC 610 transmitters. I key my transmitters without the JB70. It is physically heavy. Shipping might be slightly hefty. I think mine has cables. 73.John, K5PGW

---

On Sun, 9/21/14, bogue182@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:

Subject: [T-368_BC-610] Still Looking: Want JB-70 For BC-610
To: T-368_BC-610@yahoogroups.com
Date: Sunday, September 21, 2014, 2:25 PM

Trying to complete a BC 610 set up. I am looking
for a JB 70 control box in any reasonable condition. Please
reply to let me know what you have. Thanks, Scott NB7N
bogue182 at gmail dot com

# 5957. Re: Still Looking: Want JB-70 For BC-610

Yahoo group: T-368_BC-610
Date: 2014-09-29 16:32:04 UTC
From: bogue182@...
Topic: 5955  Message: 5957

Conversing with John offline. In the meantime I am still seeking a JB-70. Thanks for reading, Scott NB7N

# 5958. Re: Still Looking: Want JB-70 For BC-610

Yahoo group: T-368_BC-610
Date: 2014-10-01 14:13:25 UTC
From: on4mne@...
Topic: 5955  Message: 5958

Hello scott are you still looking for a JB-70 ? kind regards joseph on4mne

# 5959. Re: [T-368_BC-610] Re: Still Looking: Want JB-70 For BC-610

Yahoo group: T-368_BC-610
Date: 2014-10-01 14:17:12 UTC
From: Dave Trainor
Topic: 5955  Message: 5959

If Scott is not, I certainly still am.

73 - N8ZFM
David Trainor

From: "T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>"
<T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>>
Reply-To: "T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>"
<T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>>
Date: Wednesday, October 1, 2014 at 10:13 AM
To: "T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>"
<T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>>
Subject: [T-368_BC-610] Re: Still Looking: Want JB-70 For BC-610

Hello scott are you still looking for a JB-70 ? kind regards joseph on4mne

--
This message was scanned by ESVA and is believed to be clean.
Click here to report this message as
spam.<http://h0stname/cgi-bin/learn-msg.cgi?id=C39D4281CC.32BF9>

# 5960. Re: Still Looking: Want JB-70 For BC-610

Yahoo group: T-368_BC-610
Date: 2014-10-01 16:46:42 UTC
From: bogue182@...
Topic: 5955  Message: 5960

Yes, Joseph. I am still looking for a JB-70. Please tell me what you have.

Scott
NB7N at arrl dot net

# 5961. Re: [T-368_BC-610] Re: Still Looking: Want JB-70 For BC-610

Yahoo group: T-368_BC-610
Date: 2014-10-01 19:54:17 UTC
From: John King
Topic: 5955  Message: 5961

---

On Mon, 9/29/14, bogue182@yahoo.com [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:

Subject: [T-368_BC-610] Re: Still Looking: Want JB-70 For BC-610
To: T-368_BC-610@yahoogroups.com
Date: Monday, September 29, 2014, 11:32 AM

Conversing with John offline. In the meantime I am
still seeking a JB-70. Thanks for reading, Scott NB7N

# 5962. FS T-368F, R390 and more -

Yahoo group: T-368_BC-610
Date: 2014-10-10 18:13:59 UTC
From: Mike Feher
Topic: 5962  Message: 5962

I need to lighten the load here. I have a T-368F, R-390, R-390A, Racal RA-17 and more. I am not listing prices as it is pick up only and a conversation with someone interested is preferable initially. Call at the number below, or, email me at n4fs@... . Thanks & 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

# 5963. Spark Gap spacing on the T-368 Filter Choke

Yahoo group: T-368_BC-610
Date: 2014-10-11 03:50:49 UTC
From: mac
Topic: 5963  Message: 5963

Group,

I'm a bit embarrassed to be asking this having been a T-368 owner for over 20 years but what is the specified spacing for the spark gap electrodes on the big HV filter choke (11H @ 500ma) in the power supply drawer? I can't find this information in any of the manuals or other tech information that I have. Same question for the spark gap on the modulation transformer.

Lost my big PS filter choke in the middle of a transmission about a week ago. Suspected the modulation transformer at first but quickly traced the problem (HV short to ground) back to the choke and found both terminals (isolated) reading 500 ohms to the case. No cracks in the insulators, leaks at the seals or anywhere else.. Got me to thinking about just what is the spark gap for? Never thought much about the PS in the T-368. Simple, straight forward design and the only trouble that seems to crop up in that drawer is with the relay in the primary circuit of the big power transformer. Looking at the schematic reveals a straightforward full-wave rectifier (pair of 3B28s or equivalent solid state substitutes) driving a choke input filter, 11 henry reactor with a total of 8 mfd worth of filter cap connected to the output side. So, note that the T-368 is keyed through the HV power supply, PTT energizes the main power relay in the primary of the HV transformer. PTT RELEASED and AC to the transformer and, likewise, the output from the rectifiers is interrupted. If this interruption occurs during a part of the AC cycle when the rectifiers are delivering current to the choke the magnetic flux in the core will collapse and the energy contained therein will manifest itself as a voltage spike the energy in which has to be dissipated somewhere. And this is exactly what the spark gap is (?) there for. This all happens down under the chassis where we can't see it but I would guess that an arc will occur here on at least half of all "key ups."

Or at least that's the way I suspect it all works. Thoughts? Also, don't know if too wide a gap caused the demise of my choke but probably best to err on the narrow side. Again, anybody got gap numbers?

Dennis D. W7QHO
Glendale, CA

# 5964. Re: [T-368_BC-610] Spark Gap spacing on the T-368 Filter Choke

Yahoo group: T-368_BC-610
Date: 2014-10-11 15:07:27 UTC
From: Joe Foley
Topic: 5963 Message: 5964

Try looking in the "files" section, I think we covered that when I got myT-3 years ago.
Joe

On Friday, October 10, 2014 11:50 PM, "mac w7qho@aol.com [T-368_BC-610]"
<T-368_BC-610@yahoogroups.com> wrote:

Group,

I'm a bit embarrassed to be asking this having been a T-368 owner for over 20 years but what is the specified spacing for the spark gap electrodes on the big HV filter choke (11H @ 500ma) in the power supply drawer? I can't find this information in any of the manuals or other tech information that I have. Same question for the spark gap on the modulation transformer.

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Or at least that's the way I suspect it all works. Thoughts? Also, don't know if too wide a gap caused the demise of my choke but probably best to err on the narrow side. Again, anybody got gap numbers?

Dennis D. W7QHO
Glendale, CA

# 5965. Re: [T-368_BC-610] Spark Gap spacing on the T-368 Filter Choke

Yahoo group: T-368_BC-610
Date: 2014-10-11 17:03:26 UTC
From: ken Schwieker
Topic: 5963  Message: 5965

Just measured choke (11hy 500ma) spark gap at .062".
Ken S

At 10:50 PM 10/10/2014, you wrote:
>
>
>Group,
>
>I'm a bit embarrassed to be asking this having been a T-368 owner for
>over 20 years but what is the specified spacing for the spark gap
>electrodes on the big HV filter choke (11H @ 500ma) in the power
>supply drawer? I can't find this information in any of the manuals or
>other tech information that I have. Same question for the spark gap
>on the modulation transformer.
>
>Lost my big PS filter choke in the middle of a transmission about a
>week ago. Suspected the modulation transformer at first but quickly
>traced the problem (HV short to ground) back to the choke and found
>both terminals (isolated) reading 500 ohms to the case. No cracks in
>the insulators, leaks at the seals or anywhere else.. Got me to
>thinking about just what is the spark gap for? Never thought much
>about the PS in the T-368. Simple, straight forward design and the
>only trouble that seems to crop up in that drawer is with the relay in
>the primary circuit of the big power transformer. Looking at the
>schematic reveals a straightforward full-wave rectifier (pair of 3B28s
>or equivalent solid state substitutes) driving a choke input filter,
>11 henry reactor with a total of 8 mfd worth of filter cap connected
>to the output side. So, note that the T-368 is keyed through the HV
>power supply, PTT energizes the main power relay in the primary of the
>HV transformer. PTT RELEASED and AC to the transformer and, likewise,
>the output from the rectifiers is interrupted. If this interruption
>occurs during a part of the AC cycle when the rectifiers are
>delivering current to the choke the magnetic flux in the core will
>collapse and the energy contained therein will manifest itself as a
>voltage spike the energy in which has to be dissipated somewhere. And
>this is exactly what the spark gap is (?) there for. This all happens
>down under the chassis where we can't see it but I would guess that an
>arc will occur here on at least half of all "key ups."
>
>Or at least that's the way I suspect it all works. Thoughts? Also,
>don't know if too wide a gap caused the demise of my choke but
>probably best to err on the narrow side. Again, anybody got gap numbers?
>
>Dennis D. W7QHO
>Glendale, CA

>
>
>No virus found in this message.
>Checked by AVG - <http://www.avg.com>www.avg.com
>Version: 2014.0.4765 / Virus Database: 4040/8362 - Release Date: 10/10/14

# 5966. Re: [T-368_BC-610] Spark Gap spacing on the T-368 Filter Choke

Yahoo group: T-368_BC-610
Date: 2014-10-11 17:24:24 UTC
From: Dennis DuValll
Topic: 5963  Message: 5966

Ken,

Got it, thanks.

Dennis D. W7QHO
Glendale, CA

*********

On Oct 11, 2014, at 10:03 AM, "ken Schwieker ksweek@... [T-368_BC-610]"
<T-368_BC-610@yahoogroups.com> wrote:

> Just measured choke (11hy 500ma) spark gap at .062".
> Ken S
>
>

# 5967. Re: [T-368_BC-610] Spark Gap spacing on the T-368 Filter Choke

Yahoo group: T-368_BC-610
Date: 2014-10-11 17:31:29 UTC
From: Dennis DuValll
Topic: 5963  Message: 5967

Joe,

Thanks, but only found a single reference there from you saying:

"Check all the spark gaps on the HV components, set
them according to the book."

In the meantime Ken has come up with a figure of .062" (measured).

Dennis D. W7QHO
Glendale, CA

**********

On Oct 11, 2014, at 8:07 AM, "Joe Foley redmenaced@... [T-368_BC-610]"
<T-368_BC-610@yahoogroups.com> wrote:

>
> Try looking in the "files" section, I think we covered that when I got myT-3 years ago.
>
> Joe
>
>
>
>
> On Friday, October 10, 2014 11:50 PM, "mac w7qho@... [T-368_BC-610]" <T-368_BC-610@...m>
wrote:
>
>

# 5968. Re: [T-368_BC-610] Spark Gap spacing on the T-368 Filter Choke

Yahoo group: T-368_BC-610
Date: 2014-10-11 19:35:34 UTC
From: Dennis DuValll
Topic: 5963  Message: 5968

OK, that's 1/16 of an inch and the gap on my (now defunct) choke measures in at just that.

Dennis D. W7QHO
Glendale, CA

**********

On Oct 11, 2014, at 10:24 AM, "Dennis DuValll w7qho@... [T-368_BC-610]"
<T-368_BC-610@yahoogroups.com> wrote:

> Ken,
>
>
> Got it, thanks.
>
> Dennis D. W7QHO
> Glendale, CA
>
> *********
>
> On Oct 11, 2014, at 10:03 AM, "ken Schwieker ksweek@... [T-368_BC-610]"
<T-368_BC-610@yahoogroups.com> wrote:
>
>>
>> Just measured choke (11hy 500ma) spark gap at .062".
>> Ken S
>>
>>
>
>
>

# 5969. Ht-4 Query

Yahoo group: T-368_BC-610
Date: 2014-10-23 05:07:16 UTC
From: mac
Topic: 5969  Message: 5969

The following excerpted from another message. The book (new one on me) was published in 1944 BTW. Copy currently listed on AbeBooks for $45. Anyone know more - other books, better sources, etc? I'm certain that underseas cable as available Hawaii to the mainland by that time (see Q. 2 below).

Dennis D. W7QHO
Glendale, CA

**********

My name is Gerrit Jan Huijsman, callsign : PA0GJH, I am investigating a story about the Hallicrafters high power amateurradio transmitter HT-4. Perhaps you can help me or perhaps you know sombody who can., According to the story in the book The HT-4 goes to war by Will H.Connelly the owner of Hallicrafters, Bill Halligan was visited in august 1942 by an FBI-agent who demanded an HT-4. As there were none available and the production was stopped. Bill provided his own personal transmitter. It was shipped the same day to Hawai with a bomberaircraft, where it was used to inform the main land of USA on december 7th about the japanese attack on Pearl Harbor., The questions I have are:,
1. Why the hurry?,
2. Was there no other means of communications available?,
3. The HT-4 was installed on Hawai in august 1942. The attack took place on december 7th, where ther rumours about an oncomming attack?,

I am using the information fora n article in the Dutch Amateur Radio Magazine Elextron. The HT-4 was, as you probably know, modified into a military version called BC610 and was widespread used on battlefields during WOII as part of the mobile installation SCR-299. After the war the equipment became in use by the Netherlands army. Today several BC610’s are used by radioameurs in this country., I hope that you can give some information., 73, Gerrit Jan, PA0GJH

# 5970. Re: [T-368_BC-610] Ht-4 Query

Yahoo group: T-368_BC-610
Date: 2014-10-23 05:31:59 UTC
From: wa5cab@...
Topic: 5969  Message: 5970

Either he or the book or both are off by a year. The Marines landed on Guadalcanal on 7 August 1942.

However, although I can't tell you the model numbers other than as a guess, the Navy, the Army and either RCA or Press Wireless or both all had transmitters on Oahu capable of more or less continuous contact with the US mainland. So it's a BS story.

In a message dated 10/23/2014 00:07:24 AM Central Daylight Time, T-368_BC-610@yahoogroups.com writes:
> The following excerpted from another message. The book (new one on
> me) was published in 1944 BTW. Copy currently listed on AbeBooks for
> $45. Anyone know more - other books, better sources, etc? I'm
> certain that underseas cable as available Hawaii to the mainland by
> that time (see Q. 2 below).
>
> Dennis D. W7QHO
> Glendale, CA
>
> **********
>
> My name is Gerrit Jan Huijsman, callsign : PA0GJH, I am investigating
> a story about the Hallicrafters high power amateurradio transmitter
> HT-4. Perhaps you can help me or perhaps you know sombody who can.,
> According to the story in the book The HT-4 goes to war by Will
> H.Connelly the owner of Hallicrafters, Bill Halligan was visited in
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> personal transmitter. It was shipped the same day to Hawai with a
> bomberaircraft, where it was used to inform the main land of USA on
> december 7th about the japanese attack on Pearl Harbor., The questions
> I have are:,
> 1. Why the hurry?,
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> took place on december 7th, where ther rumours about an oncomming
> attack?,
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> I am using the information fora n article in the Dutch Amateur Radio
> Magazine Elextron. The HT-4 was, as you probably know, modified into a
> military version called BC610 and was widespread used on battlefields
> during WOII as part of the mobile installation SCR-299. After the war
> the equipment became in use by the Netherlands army. Today several
> BC610’s are used by radioameurs in this country., I hope that you can
> give some information., 73, Gerrit Jan, PA0GJH

>
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

# 5971. Re: Ht-4 Query

Yahoo group: T-368_BC-610
Date: 2014-10-23 06:44:50 UTC
From: Roger@...
Topic: 5969  Message: 5971

Hi Dennis,

I've put a PDF of that book in the Files directory, it's 36 pages in length. Can't recall where I downloaded it from.

73

Roger/G3VKM

# 5972. Re: [T-368_BC-610] Ht-4 Query

Yahoo group: T-368_BC-610
Date: 2014-10-23 06:56:33 UTC
From: Roger@...
Topic: 5969  Message: 5972

Hi Robert,

The original poster from Holland got it wrong, the book clearly starts out in August 1941 with an FBI "G-Man" coming to the Hallicrafters factory. What it doesn't give is the secret destination that Halligan's HT-4 was actually shipped to, as the book was published during the war. So, the reference to Pearl Harbor comes from elsewhere.

73

Roger/G3VKM

# 5973. HT4

Yahoo group: T-368_BC-610
Date: 2014-10-23 07:51:02 UTC
From: Alan Morriss
Topic: 5973  Message: 5973

hello , well , i have read up a lot about pearl harbour. what i read was that the HT4 was there merely for evaluation and in use as a standby. however the raid took out the main radio station's power supply. for a short while the HT4 was the only means of communication , and the news of the attack was relayed on it. this led to the HT4 being looked on favourably by the military and resulted in the BC610.
as a matter of interest , my old friend Tom Danaher who shot down
---

the last japanese aircraft of WW2 made friends with the leader of the zeros from the carrier Kaga , yoshio shiga. he said that they thought that a state of war already existed and were amazed at the lack of resistance. when they returned and learned the truth they were furious as to attack a sleeping enemy is contrary to the samurai code. alan G4GEN

[Non-text portions of this message have been removed]

# 5974. Re: HT4

Yahoo group: T-368_BC-610
Date: 2014-10-23 09:06:29 UTC
From: Roger@...
Topic: 5973  Message: 5974

Morning Alan,

Trust you're well. That story makes a lot of sense and the HT-4 could operate from domestic supplies or a portable generator whereas its likely the main radio station would be on the grid with back-up gennies?

There has been a lot written about Pearl Harbor, hasn't there? I understand that Yamamoto looked closely at Italian reports on the Swordfish raid on Taranto and gained some useful ideas from it. Of course, his aircraft were more modern than the "Stringbag"!

Off the air at the moment pending the shack being refitted with some winter heating in the form of a woodburner stove but hope to be QRV again before Xmas. See you on 3615.

73

Roger/G3VKM

---In T-368_BC-610@yahoogroups.com, <mohawk@...> wrote :

hello , well , i have read up a lot about pearl harbour. what i read was that the HT4 was there merely for evaluation and in use as a standby. however the raid took out the main radio station's power supply. for a short while the HT4 was the only means of communication , and the news of the attack was relayed on it. this led to the HT4 being looked on favourably by the military and resulted in the BC610.
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the last japanese aircraft of WW2 made friends with the leader of the zeros from the carrier Kaga , yoshio shiga. he said that they thought that a state of war already existed and were amazed at the lack of resistance. when they returned and learned the truth they were furious as to attack a sleeping enemy is contrary to the samurai code. alan G4GEN

[Non-text portions of this message have been removed]

# 5975. more

Yahoo group: T-368_BC-610
Date: 2014-10-23 10:50:20 UTC
From: Alan Morriss
Topic: 5147  Message: 5975

hello roger , yes that is correct. yamamoto however did not envisage it being conducted before hostilities had been declared which is why they had such a heavy fighter escort. the tactics were worked out by minoru genda who was a leading fighter pilot. tom stayed friends with shiga right until he died. tom himself died a couple of months ago. i think that i read the stuff about the HT4 in electric radio some years ago. funny how enemies quickly become friends. when tom was made an honorary member of their association he was presented with a 400 year old samurai sword. it was his most treasured possession. alan

# 5976. DDS with BC-610

Yahoo group: T-368_BC-610
Date: 2014-10-23 11:23:09 UTC
From: Roger@...
Topic: 5976  Message: 5976

Hi All,

A fellow BC-610 owner over here has asked me for some advice on using an external VFO with the BC-610, in his case he has built a DDS from a kit and is having problems getting it to drive the TX. The kit is here:-

GW4GTE http://www.shortwaveradio.co.uk/multi-rock%20II.htm

http://www.shortwaveradio.co.uk/multi-rock%20II.htm

GW4GTE http://www.shortwaveradio.co.uk/multi-rock%20II.htm [site home] [projects home] [ordering info] Download Rev 1.1b of the full manual [here] (July 2012) Multi-Rock II is a DDS controlled freq...

View on www.shortwaveradio... http://www.shortwaveradio.co.uk/multi-rock%20II.htm
Preview by Yahoo

I see it generates 600mV of sine wave and I'm pretty sure that is far too low to drive straight via the xtal socket. My advice to him has been to speak to the kit maker, as GW4GTE is a keen vintage equipment user and has no doubt had this issue before, although maybe not with a '610, so I thought it worth asking here.

What do other owners use? Any ideas on extra stages to boost the RF from the DDS? Any mods needed to the Tuning Units? The DDS shown can generate half or quarter carrier frequency, would it be better to stick to BC-610 protocol and multiply as per the tuning charts or go straight in at carrier frequency? I'm guessing multiply as per crystal operation.

Thanks,

Roger/G3VKM - Norfolk, England.

# 5977. RE: [T-368_BC-610] DDS with BC-610

Yahoo group: T-368_BC-610
Date: 2014-10-23 12:49:55 UTC
From: Tom Mackie
Topic: 5976  Message: 5977

Roger,
I do not have experience with the 610 but here is useful DDS amplifier information from the WA1FFL.com website:
http://www.wa1ffl.com/VFO_driver_amp.pdf

73
Tom

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
Sent: Thursday, October 23, 2014 7:23 AM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] DDS with BC-610

Hi All,

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GW4GTE<http://www.shortwaveradio.co.uk/multi-rock%20II.htm>

[image]<http://www.shortwaveradio.co.uk/multi-rock%20II.htm>

GW4GTE <http://www.shortwaveradio.co.uk/multi-rock%20II.htm>
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View on www.shortwaveradio... <http://www.shortwaveradio.co.uk/multi-rock%20II.htm>

Preview by Yahoo

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Thanks,

Roger/G3VKM - Norfolk, England.

# 5978. Re: [T-368_BC-610] DDS with BC-610

Yahoo group: T-368_BC-610
Date: 2014-10-23 14:32:13 UTC
From: Dave Trainor
Topic: 5976  Message: 5978

The WA1FFL VDFO amp is the perfect thing for this. I have built one and its works fantastically. He has some bare PCB's if you don't want to design your own board and they are much cheaper than having your own made. I believe he also has a kit with the Torrodial cores included to make it even easier.

73 -
David, N8ZFM

From: "T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>"
<T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>>
Reply-To: "T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>"
<T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>>
Date: Thursday, October 23, 2014 at 8:49 AM
To: "T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>"
<T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>>
Subject: RE: [T-368_BC-610] DDS with BC-610

Roger,
I do not have experience with the 610 but here is useful DDS amplifier information from the WA1FFL.com website:
http://www.wa1ffl.com/VFO_driver_amp.pdf

73
Tom

From: T-368_BC-610@...m<mailto:T-368_BC-610@yahoogroups.com>
[mailto:T-368_BC-610@yahoogroups.com]
Sent: Thursday, October 23, 2014 7:23 AM
To: T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>
Subject: [T-368_BC-610] DDS with BC-610

Hi All,

A fellow BC-610 owner over here has asked me for some advice on using an external VFO with the BC-610, in his case he has built a DDS from a kit and is having problems getting it to drive the TX. The kit is here:-

GW4GTE<http://www.shortwaveradio.co.uk/multi-rock%20II.htm>

[image]<http://www.shortwaveradio.co.uk/multi-rock%20II.htm>

GW4GTE<http://www.shortwaveradio.co.uk/multi-rock%20II.htm>
[site home] [projects home] [ordering info] Download Rev 1.1b of the full manual [here] (July 2012) Multi-Rock II is a DDS controlled freq...

View on www.shortwaveradio...<http://www.shortwaveradio.co.uk/multi-rock%20II.htm>

Preview by Yahoo

I see it generates 600mV of sine wave and I'm pretty sure that is far too low to drive straight via the xtal socket. My advice to him has been to speak to the kit maker, as GW4GTE is a keen vintage equipment user and has no doubt had this issue before, although maybe not with a '610, so I thought it worth asking here.

What do other owners use? Any ideas on extra stages to boost the RF from the DDS? Any mods needed to the Tuning Units? The DDS shown can generate half or quarter carrier frequency, would it be better to stick to BC-610 protocol and multiply as per the tuning charts or go straight in at carrier frequency? I'm guessing multiply as per crystal operation.

Thanks,

Roger/G3VKM - Norfolk, England.

--
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spam.<http://h0stname/cgi-bin/learn-msg.cgi?id=8885C28C83.8743A>

# 5979. Re: [T-368_BC-610] DDS with BC-610

Yahoo group: T-368_BC-610
Date: 2014-10-23 14:52:51 UTC
From: Roger@...
Topic: 5976  Message: 5979

David & Tom,

Many thanks for the fast response. The DDS kit designer has recommended a step-up transformer but I still think that drive will be lacking. David, do you use your WA1FFL board with a BC-610 and if so, do you just feed the oscillator valve grid via the crystal socket without any mods to the tuning unit? I think the person who has asked for me help will want to retain the facility just to swap easily between external VFO and crystals.

I'll have a good read of the WA1FFL article and maybe come back with some more questions.

Thanks

Roger/G3VKM

---In T-368_BC-610@yahoogroups.com, <dave@...> wrote :

The WA1FFL VDFO amp is the perfect thing for this. I have built one and its works fantastically. He has some bare PCB’s if you don’t want to design your own board and they are much cheaper than having your own made. I believe he also has a kit with the Torrodial cores included to make it even easier.

73 -
David, N8ZFM

From: "T-368_BC-610@yahoogroups.com mailto:T-368_BC-610@yahoogroups.com"
<T-368_BC-610@yahoogroups.com mailto:T-368_BC-610@yahoogroups.com>
Reply-To: "T-368_BC-610@yahoogroups.com mailto:T-368_BC-610@yahoogroups.com"
<T-368_BC-610@yahoogroups.com mailto:T-368_BC-610@yahoogroups.com>
Date: Thursday, October 23, 2014 at 8:49 AM
To: "T-368_BC-610@yahoogroups.com mailto:T-368_BC-610@yahoogroups.com"
<T-368_BC-610@yahoogroups.com mailto:T-368_BC-610@yahoogroups.com>
Subject: RE: [T-368_BC-610] DDS with BC-610

Roger,
I do not have experience with the 610 but here is useful DDS amplifier information from the WA1FFL.com website:
http://www.wa1ffl.com/VFO_driver_amp.pdf http://www.wa1ffl.com/VFO_driver_amp.pdf

73
Tom

# 5980. Re: [T-368_BC-610] DDS with BC-610

Yahoo group: T-368_BC-610
Date: 2014-10-23 14:58:48 UTC
From: Dave Trainor
Topic: 5976  Message: 5980

Roger, I do plan to use it with a BC-610, and have tested it into a dummy load, but not on the air as of yet. I do just feed the crystal socket. Currently I have it attached to a Johnson Valliant, same way into the crystal socket and it provides plenty of drive, it does on the 610 as well. WA1FFL's little amp is broad band and so there is nothing to adjust when changing bands which is great with me. Have not figured out a way of switching the tuning units other than moving the cable to the crystal socket manually, but I am thinking about a switch in the DDS unit, and then 2 cables as I only put the 610 on 80 and 40.

73 -
David, N8ZFM

From: "T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>"
<T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>>
Reply-To: "T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>"
<T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>>
Date: Thursday, October 23, 2014 at 10:52 AM
To: "T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>"
<T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>>
Subject: Re: [T-368_BC-610] DDS with BC-610

David & Tom,

Many thanks for the fast response. The DDS kit designer has recommended a step-up transformer but I still think that drive will be lacking. David, do you use your WA1FFL board with a BC-610 and if so, do you just feed the oscillator valve grid via the crystal socket without any mods to the tuning unit? I think the person who has asked for me help will want to retain the facility just to swap easily between external VFO and crystals.

I'll have a good read of the WA1FFL article and maybe come back with some more questions.

Thanks

Roger/G3VKM

---In T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>, <dave@...> wrote
:

The WA1FFL VDFO amp is the perfect thing for this. I have built one and its works fantastically. He has some bare PCB's if you don't want to design your own board and they are much cheaper than having your own made. I believe he also has a kit with the Torrodial cores included to make it even easier.

73 -
David, N8ZFM

From: "T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>"
<T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>>
Reply-To: "T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>"

<T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>>
Date: Thursday, October 23, 2014 at 8:49 AM
To: "T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>"
<T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>>
Subject: RE: [T-368_BC-610] DDS with BC-610

Roger,

I do not have experience with the 610 but here is useful DDS amplifier information from the WA1FFL.com website:

http://www.wa1ffl.com/VFO_driver_amp.pdf

73

Tom

--
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spam.<http://h0stname/cgi-bin/learn-msg.cgi?id=65A0A28C92.615C9>

# 5981. Re: [T-368_BC-610] DDS with BC-610

Yahoo group: T-368_BC-610
Date: 2014-10-23 15:39:24 UTC
From: Roger@...
Topic: 5976  Message: 5981

Thanks David,

On the basis of your reply, the BC-610 owner I'm helping out has ordered a WA1FFL amp kit. May consider one myself if it works out OK.

Thanks to you and Tom for the advice,

73

Roger/G3VKM

---In T-368_BC-610@yahoogroups.com, <dave@...> wrote :

Roger, I do plan to use it with a BC-610, and have tested it into a dummy load, but not on the air as of yet. I do just feed the crystal socket. Currently I have it attached to a Johnson Valliant, same way into the crystal socket and it provides plenty of drive, it does on the 610 as well. WA1FFL's little amp is broad band and so there is nothing to adjust when changing bands which is great with me. Have not figured out a way of switching the tuning units other than moving the cable to the crystal socket manually, but I am thinking about a switch in the DDS unit, and then 2 cables as I only put the 610 on 80 and 40.

73 -
David, N8ZFM

From: "T-368_BC-610@yahoogroups.com mailto:T-368_BC-610@yahoogroups.com"
<T-368_BC-610@yahoogroups.com mailto:T-368_BC-610@yahoogroups.com>
Reply-To: "T-368_BC-610@yahoogroups.com mailto:T-368_BC-610@yahoogroups.com"
<T-368_BC-610@yahoogroups.com mailto:T-368_BC-610@yahoogroups.com>
Date: Thursday, October 23, 2014 at 10:52 AM
To: "T-368_BC-610@yahoogroups.com mailto:T-368_BC-610@yahoogroups.com"
<T-368_BC-610@yahoogroups.com mailto:T-368_BC-610@yahoogroups.com>
Subject: Re: [T-368_BC-610] DDS with BC-610

David & Tom,

Many thanks for the fast response. The DDS kit designer has recommended a step-up transformer but I still think that drive will be lacking. David, do you use your WA1FFL board with a BC-610 and if so, do you just feed the oscillator valve grid via the crystal socket without any mods to the tuning unit? I think the person who has asked for me help will want to retain the facility just to swap easily between external VFO and crystals.

I'll have a good read of the WA1FFL article and maybe come back with some more questions.

Thanks

Roger/G3VKM

---In T-368_BC-610@yahoogroups.com mailto:T-368_BC-610@yahoogroups.com, <dave@...> wrote :

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73 -
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<T-368_BC-610@yahoogroups.com mailto:T-368_BC-610@yahoogroups.com>
Subject: RE: [T-368_BC-610] DDS with BC-610

Roger,
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http://www.wa1ffl.com/VFO_driver_amp.pdf http://www.wa1ffl.com/VFO_driver_amp.pdf

73
Tom

--
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# 5982. RE: [T-368_BC-610] DDS with BC-610

Yahoo group: T-368_BC-610
Date: 2014-10-23 15:48:42 UTC
From: Tom Mackie
Topic: 5976  Message: 5982

I’m looking forward to a performance report!

73,

Tom
W2ILA

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
Sent: Thursday, October 23, 2014 11:39 AM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] DDS with BC-610

Thanks David,

On the basis of your reply, the BC-610 owner I'm helping out has ordered a WA1FFL amp kit. May consider one myself if it works out OK.

Thanks to you and Tom for the advice,

73

Roger/G3VKM

---In T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>, <dave@...<mailto:dave@...>> wrote :
Roger, I do plan to use it with a BC-610, and have tested it into a dummy load, but not on the air as of yet. I do just feed the crystal socket. Currently I have it attached to a Johnson Valliant, same way into the crystal socket and it provides plenty of drive, it does on the 610 as well. WA1FFL’s little amp is broad band and so there is nothing to adjust when changing bands which is great with me. Have not figured out a way of switching the tuning units other than moving the cable to the crystal socket manually, but I am thinking about a switch in the DDS unit, and then 2 cables as I only put the 610 on 80 and 40.

73 -
David, N8ZFM

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Date: Thursday, October 23, 2014 at 10:52 AM
To: "T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>" <T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>>
Subject: Re: [T-368_BC-610] DDS with BC-610

David & Tom,

Many thanks for the fast response. The DDS kit designer has recommended a step-up transformer but I still think that drive will be lacking. David, do you use your WA1FFL board with a BC-610 and if so, do you just feed the oscillator valve grid via the crystal socket without any mods to the tuning unit? I think the person who has asked for me help will want to retain the facility just to swap easily between external VFO and crystals.

I'll have a good read of the WA1FFL article and maybe come back with some more questions.

Thanks

Roger/G3VKM

---In T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>, <dave@...<mailto:dave@...>> wrote :
The WA1FFL VDFO amp is the perfect thing for this. I have built one and its works fantastically. He has some bare PCB’s if you don’t want to design your own board and they are much cheaper than having your own made. I believe he also has a kit with the Torrodial cores included to make it even easier.

73 -
David, N8ZFM

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Reply-To: "T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>" <T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>>
Date: Thursday, October 23, 2014 at 8:49 AM
To: "T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>" <T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>>
Subject: RE: [T-368_BC-610] DDS with BC-610

Roger,

I do not have experience with the 610 but here is useful DDS amplifier information from the WA1FFL.com website:

http://www.wa1ffl.com/VFO_driver_amp.pdf

73

Tom

--
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# 5983. amp

Yahoo group: T-368_BC-610
Date: 2014-10-23 16:44:26 UTC
From: Alan Morriss
Topic: 5983  Message: 5983

well, me too ! alan G4GEN

# 5984. Re: [ARC5] Ht-4 Query

Yahoo group: T-368_BC-610
Date: 2014-10-23 18:37:00 UTC
From: Dennis DuValll
Topic: 5984  Message: 5984

OK guys, lot of commentary, thanks.

First off, though, the 1942 date looks to me like a typo on the part of PA0GHJ. Can't imagine any author writing in 1944 (book pub date) stating that a radio shipped to Hawaii in 42 could then being used to announce an attack that took place in 41.

Next, there were of course multiple means of communication between Hawaii and the mainland in 41. I remember reading someplace that a commercial cable connection between the US and Japan was kept open all during WW2 but no traffic was passed during that period.

The FBI making off with Bill's personal HT-4??? If so would likely have been in 41 (see above). Never heard that story but remember something about Bills radio being acquired by someone. The Army maybe? Anyone know more?

Dennis D. W7QHO
Glendale, CA

> ******
>
> My name is Gerrit Jan Huijsman, callsign : PA0GJH, I am investigating
> a story about the Hallicrafters high power amateurradio transmitter
> HT-4. Perhaps you can help me or perhaps you know sombody who can.,
> According to the story in the book The HT-4 goes to war by Will
> H.Connelly the owner of Hallicrafters, Bill Halligan was visited in
> august 1942 by an FBI-agent who demanded an HT-4. As there were none
> available and the production was stopped. Bill provided his own
> personal transmitter. It was shipped the same day to Hawai with a
> bomberaircraft, where it was used to inform the main land of USA on
> december 7th about the japanese attack on Pearl Harbor., The questions
> I have are:,
> 1. Why the hurry?,
> 2. Was there no other means of communications available?,
> 3. The HT-4 was installed on Hawai in august 1942. The attack
> took place on december 7th, where ther rumours about an oncomming
> attack?,
>
> I am using the information fora n article in the Dutch Amateur Radio
> Magazine Elextron. The HT-4 was, as you probably know, modified into a
> military version called BC610 and was widespread used on battlefields
> during WOII as part of the mobile installation SCR-299. After the war
> the equipment became in use by the Netherlands army. Today several
> BC610s are used by radioameurs in this country., I hope that you can
> give some information., 73, Gerrit Jan, PA0GJH
>
>
>

>

# 5985. HT-4B For Sale

Yahoo group: T-368_BC-610
Date: 2014-10-23 19:30:42 UTC
From: Barrie - Yellowstone Photo
Topic: 5984  Message: 5985

Speaking of HT4s, I have a very nice HT-4B that I wish to sell due to poor health.

I bought it about 30 years ago. The initial owner bought it prior to WW2, then, shortly thereafter, went to war and never came back.
It was stored in the family business (an auto repair shop) under a tarp for all those years until a friend told me about it.
I wasted mo time buying it.

I had it on the air on 20, 40, 80 and 160M many, many times of many years. It has always worked well with full output+.

I have a considerable number of spare TUs and both 250TH finals and 100TH modulators in stock here. All have
been tested and produce full power. I also have a spare modulation transformer.

The BC-614 quit working a few years ago. With my eyesight such as it is now, I made no attempt to repair it. Instead,
I'm using an ancient (but nice) audio amplifier with a pair of 807s, no less!
I've been told it sounds great.

If anyone is interested, or has questions, please email me.

73, Barrie, W7ALW since 1950

# 5986. Wanted: Cable BC-610 to BC-614

Yahoo group: T-368_BC-610
Date: 2014-11-04 15:46:06 UTC
From: bogue182@...
Topic: 5986  Message: 5986

Trying to complete a BC 610 set up.
I am looking for the cable and
plugs that run from the BC610 xmtr
to the BC614 Speech Amp. Please let
me know what you have.
Thanks,
Scott NB7N
NB7N at arrl dot net

# 5987. Re: [T-368_BC-610] Wanted: Cable BC-610 to BC-614

Yahoo group: T-368_BC-610
Date: 2014-11-04 17:52:50 UTC
From: wa5cab@...
Topic: 5986  Message: 5987

Scott,

I still have a few of the original male and female octal plugs, NOS, $15 each. I have some cordage that would work at least electrically, but mechanically it is a little larger. The original cordage was 8-conductor shielded, and probably a mix of #16 or #18 and #20 or #22. With about a 1/2" OD. What I have is WM-46/U, 10 #18 AWG shielded, with a 5/8" OD, $2/ft. The original CD-764 is 8'-0" long..

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

In a message dated 11/04/2014 09:46:07 AM Central Standard Time, T-368_BC-610@yahoogroups.com writes:
> Trying to complete a BC 610 set up.
> I am looking for the cable and
> plugs that run from the BC610 xmtr
> to the BC614 Speech Amp. Please let
> me know what you have.
> Thanks,
> Scott NB7N
> NB7N at arrl dot net
>
> ------------------------------------
> Posted by: bogue182@...

# 5988. RE: [T-368_BC-610] Wanted: Cable BC-610 to BC-614

Yahoo group: T-368_BC-610
Date: 2014-11-04 22:35:06 UTC
From: Chuck Hurley
Topic: 5986  Message: 5988

Scott,

I think I have one. You can have it

Chuck

K1TLI

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
Sent: Tuesday, November 04, 2014 10:46 AM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] Wanted: Cable BC-610 to BC-614

Trying to complete a BC 610 set up.
I am looking for the cable and
plugs that run from the BC610 xmtr
to the BC614 Speech Amp. Please let
me know what you have.
Thanks,
Scott NB7N
NB7N at arrl dot net

[Non-text portions of this message have been removed]

# 5989. Antenna changeover relay bad?

Yahoo group: T-368_BC-610
Date: 2014-11-15 05:28:10 UTC
From: Chris Farley
Topic: 5989  Message: 5989

I have a suspicion that the vacuum antenna changeover relay may have failed and arced over in my T-3.  I can't see any obvious pitting in the electrodes, but the glass seems a little on the uneven, foggy side.  Like a layer of crud, but either inside, or on the inside of the glass.  Does yours appear the same way, or are they crystal clear?  If the latter, does anybody have a spare?  The 80 meter antenna transformer let the smoke out once, and I really don't want that to happen again...  Yes, I'm taking additional precautions to protect the receiver, but still.. If the relay is shot, it's shot.

Regards,
Chris

# 5992. Wanted : T-50 Handheld Dynamic Microphone

Yahoo group: T-368_BC-610
Date: 2014-11-24 04:27:00 UTC
From: bogue182@...
Topic: 5992  Message: 5992

I want to thank all forum members for helping to assemble the parts and pieces I have needed for my BC-610. I am very close to reaching my goal.

Now I am looking for a T-50 handheld dynamic microphone in good working order. Please tell me what you have.

Thanks,
Scott NB7N
Nb7n at arrl dot net

# 5993. Re: [T-368_BC-610] Wanted: T-59 Handheld Dynamic Microphone

Yahoo group: T-368_BC-610
Date: 2014-11-24 04:31:31 UTC
From: wa5cab@...
Topic: 5993  Message: 5993

Scott,

I'm not certain, but if this is something off of the SCR-399-A or SCR-499-A equipment list, to work into the dynamic mic jack on the BC-614, you are looking for a T-50. AKA Electro-Voice 600C. I've only ever seen one of them and it went with my SCR-499-A when I sold it several years ago.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

In a message dated 11/23/2014 22:18:53 PM Central Standard Time,
T-368_BC-610@yahoogroups.com writes:
> Now I am looking for a T-59 handheld dynamic microphone in good working
> order. Please tell me what you have.
>
> Thanks,
> Scott NB7N
> Nb7n@...

# 5994. Re: [T-368_BC-610] Wanted: T-59 Handheld Dynamic Microphone

Yahoo group: T-368_BC-610
Date: 2014-11-24 07:13:28 UTC
From: Roger@...
Topic: 5993  Message: 5994

I acquired my T-50 from a US seller on ebay and I have seen others on the same site from time to time, it's made by Shure Brothers and labelled as T-50.

Roger/G3VKM

---In T-368_BC-610@yahoogroups.com, <wa5cab@...> wrote :

Scott,

I'm not certain, but if this is something off of the SCR-399-A or SCR-499-A equipment list, to work into the dynamic mic jack on the BC-614, you are looking for a T-50. AKA Electro-Voice 600C. I've only ever seen one of them and it went with my SCR-499-A when I sold it several years ago.

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wa5cab dot com (Web Store)
MVPA 9480

In a message dated 11/23/2014 22:18:53 PM Central Standard Time,
T-368_BC-610@yahoogroups.com writes:
Now I am looking for a T-59 handheld dynamic microphone in good working order. Please tell me what you have.

Thanks,
Scott NB7N
Nb7n@...

# 5995. BC-610I Help Needed, am stuck

Yahoo group: T-368_BC-610
Date: 2014-11-30 04:25:42 UTC
From: Dave Trainor
Topic: 5995  Message: 5995

Guys, I have a BC-610 I that I restored some months ago, had it working perfectly into a dummy load in the back room of the house. It sat there for most of the summer and I disassembled it to move it to the ham shack. (detached 2nd floor garage – why it got disassembled to move up the steps) Reassembled it and now I have a major problem.

Here is what is happening - filament power comes on fine, not as much adjustment in voltage as I remember, but it starts at just slightly below 5v – the antenna shorting relay is humming 92v AC across the terminals, I don't remember that before I move it and reassembled, turn on exciter plate power and the exciter VR tubes light and I can tune the exciter normally and it puts out plenty of drive. Now the problem, I turn on plate power and the 6A FS4 blows, so I did not have any more 6A fuses on hand, so I replaced it with a 15A I had (bad idea I know), it no longer blows, however no plate power, the plate contactor RY1 has 18-20V across the coil when plate power is on, and seems to have 18V with plate power off. The antenna shorting relay seems to be in the current path, I thought the relay was bad, shorting the terminals on the antenna shorting relay does have an effect, the plate contactor RY1 will oscillate on-off, only tried that for a couple seconds.
Have traced out all of the connections on the inter-deck cables, I had labeled each one when restoring, all are correct, checked over 5 times now and after sleeping on it again. Checked to make sure that terminal 7 on TS11 (mod deck) is the cold side of the 117v input.

The unit is wired according to the schematic in the TM 11-826 Figure 81 which I printed on a plotter at work for the restoration, 3' x 6' so I could easily follow it and highlight each connection.
I had a note on my large format schematic from the restoration some months ago that circles terminals 5 and 6 on TS3 (this is the plate contactor RY1 coil connecting points) the note says revered 117V polarity, so I swapped them 5 to 6 and 6 to 5, symptoms are identical so put them back per the schematic.

I am out of ideas after studying the schematic most of last night and today. Everything is wired correctly. I can't seem to figure out where the voltage across the antenna shorting relay is coming from. I believe it should be 0 volts until the plate power switch is turned on, and when the switch is turned on, it does not change. That is telling me something, that I am apparently too thick in the head to grasp.

Anyone have any ideas? Am beyond frustrated I can't make any sense out of the symptoms.

Please Help –

73 – Dave N8ZFM
Louisville, KY

# 5996. RE: BC-610I Help Needed, am stuck

Yahoo group: T-368_BC-610
Date: 2014-11-30 17:02:33 UTC
From: Dave Trainor
Topic: 5995  Message: 5996

Thanks Steve, that is a good suggestion. In this case the big delay in moving the 610 out there was having the garage built. I planned on having the ham shack on the 2nd floor and so had a separate 200 amp service installed. From the garage breaker box there is a dedicated 30 amp 117v circuit with #10 to a dedicated outlet. Since I have so far been unable to get the plate relay to engage I can't measure the voltage drop, but believe it should be OK.

73 - Dave N8ZFM

From: S Hobensack [mailto:shobensack@...]
Sent: Sunday, November 30, 2014 6:47 AM
To: T-368_BC-610@yahoogroups.com
Cc: Dave Trainor
Subject: Re: BC-610I Help Needed, am stuck

Dave,
Check your line voltage under load. Since it is in a detached garage, your run of romex might be too small AWG for the run length.
Steve N8YE

--
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spam.<http://h0stname/cgi-bin/learn-msg.cgi?id=CF81E28B26.A1B9F>

# 5997. Re: Wanted : T-50 Handheld Dynamic Microphone

Yahoo group: T-368_BC-610
Date: 2014-11-30 20:06:16 UTC
From: wassink@...
Topic: 5992  Message: 5997

hello scott i have some t50 from shure brothers
i work only with this mic on the bc614 ,becourse this one has the best audio.
the org t50 is not so (loud)
73
jan
PA3HCO

# 5998. T-368 antenna impedance matching range?

Yahoo group: T-368_BC-610
Date: 2014-12-01 00:08:45 UTC
From: Chris Farley
Topic: 5998  Message: 5998

Hi all,

What is the matching range of the Pi-L network found in a T-368?  I'm in the process of building a link coupled tuner for 160, but it looks like my antenna has a highest impedance of about 750ish ohms (balanced) so I wonder if the transmitter might possibly be able to match this without an outboard coupler?

Regards,
Chris kc9ieq

# 5999. Re: [T-368_BC-610] RE: BC-610I Help Needed, am stuck

Yahoo group: T-368_BC-610
Date: 2014-12-01 00:51:54 UTC
From: ray bee
Topic: 5995  Message: 5999

While I don't know this for certain, try checking the time delay circuit. MOST equipment, of that era, with mercuryvapor rectifiers had one in series with the plate relay. In some cases it was a mechanical timer, in others something that looked like an octal tube.
RayWA2ZYE
  From: "Dave Trainor dave@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
To: S Hobensack <shobensack@...>; "T-368_BC-610@yahoogroups.com"
<T-368_BC-610@yahoogroups.com>
Sent: Sunday, November 30, 2014 12:02 PM
Subject: [T-368_BC-610] RE: BC-610I Help Needed, am stuck

  Thanks Steve, that is a good suggestion. In this case the big delay in moving the 610 out there was having the garage built. I planned on having the ham shack on the 2nd floor and so had a separate 200 amp service installed. From the garage breaker box there is a dedicated 30 amp 117v circuit with #10 to a dedicated outlet. Since I have so far been unable to get the plate relay to engage I can’t measure the voltage drop, but believe it should be OK.  73 – Dave N8ZFM  From: S Hobensack [mailto:shobensack@...]
Sent: Sunday, November 30, 2014 6:47 AM
To: T-368_BC-610@yahoogroups.com
Cc: Dave Trainor
Subject: Re: BC-610I Help Needed, am stuck  Dave, Check your line voltage under load. Since it is in a detached garage, your run of romex might be too small AWG for the run length.  Steve N8YE
--
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# 6000. Re: [T-368_BC-610] T-368 antenna impedance matching range?

Yahoo group: T-368_BC-610
Date: 2014-12-01 02:19:23 UTC
From: Dennis DuValll
Topic: 5998  Message: 6000

Seven hundred fifty ohms on 160, no way. Also, the T-368 uses an unbalanced output. Recommend continuing on with your tuner project.

Dennis D. W7QHO
Glendale, CA

**********

> On Nov 30, 2014, at 4:08 PM, Chris Farley kc9ieq@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:
>
>
> Hi all,
>
> What is the matching range of the Pi-L network found in a T-368? I'm in the process of building a link coupled tuner for 160, but it looks like my antenna has a highest impedance of about 750ish ohms (balanced) so I wonder if the transmitter might possibly be able to match this without an outboard coupler?
>
> Regards,
> Chris kc9ieq
>
>

# 6001. Re: [T-368_BC-610] BC-610I Help Needed, am stuck

Yahoo group: T-368_BC-610
Date: 2014-12-01 02:44:43 UTC
From: Dennis DuValll
Topic: 5995  Message: 6001

Dave,

Would recommend getting that 15Amp fuse out of the circuit before something melts or burns up. You should be seeing your full mains supply voltage (115 - 120 vac) across the coils of both RY-1 and the antenna shorting relay RY-4when energized but there should be no ac applied to the shorting relay until the transmitter is keyed. Looks like you have a problem somewhere in the AC circuitry fed and protected by FS4. This would include the the filament supply in which you noted an adjustment difference (T3) and also the power supply of which T2 is a part.. Also feeds T1 and T10 through FS5 but since that fuse has not blown the problem is probably not in that area.

The circuit diagram you have is difficult to use for the kind of troubleshooting required here. The circuits fed by FS-4 are scattered across different chassis in the BC-610 and are difficult to trace out with the kind of presentation found in Fig. 81 in TM 11-826. A much better presentation for troubleshooting purposes can be found in TM 11-281 Figure 120. Unfortunately no equivalent is provided in TM 11-826 (I checked).

Dennis D. W7QHO
Glendale, CA

**********

> On Nov 29, 2014, at 8:25 PM, Dave Trainor dave@... <mailto:dave@...> [T-368_BC-610] <T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610@yahoogroups.com>> wrote:
>
>
> Guys, I have a BC-610 I that I restored some months ago, had it working perfectly into a dummy load in the back room of the house. It sat there for most of the summer and I disassembled it to move it to the ham shack. (detached 2nd floor garage – why it got disassembled to move up the steps) Reassembled it and now I have a major problem.
>
>
>
> Here is what is happening - filament power comes on fine, not as much adjustment in voltage as I remember, but it starts at just slightly below 5v – the antenna shorting relay is humming 92v AC across the terminals, I don’t remember that before I move it and reassembled, turn on exciter plate power and the exciter VR tubes light and I can tune the exciter normally and it puts out plenty of drive. Now the problem, I turn on plate power and the 6A FS4 blows, so I did not have any more 6A fuses on hand, so I replaced it with a 15A I had (bad idea I know), it no longer blows, however no plate power, the plate contactor RY1 has 18-20V across the coil when plate power is on, and seems to have 18V with plate power off. The antenna shorting relay seems to be in the current path, I thought the relay was bad, shorting the terminals on the antenna shorting relay does have an effect, the plate contactor RY1 will oscillate on-off, only tried that for a couple seconds.
>
> Have traced out all of the connections on the inter-deck cables, I had labeled each one

when restoring, all are correct, checked over 5 times now and after sleeping on it again. Checked to make sure that terminal 7 on TS11 (mod deck) is the cold side of the 117v input.
>
>
>
> The unit is wired according to the schematic in the TM 11-826 Figure 81 which I printed on a plotter at work for the restoration, 3’ x 6’ so I could easily follow it and highlight each connection.
>
> I had a note on my large format schematic from the restoration some months ago that circles terminals 5 and 6 on TS3 (this is the plate contactor RY1 coil connecting points) the note says revered 117V polarity, so I swapped them 5 to 6 and 6 to 5, symptoms are identical so put them back per the schematic.
>
>
>
> I am out of ideas after studying the schematic most of last night and today. Everything is wired correctly. I can’t seem to figure out where the voltage across the antenna shorting relay is coming from. I believe it should be 0 volts until the plate power switch is turned on, and when the switch is turned on, it does not change. That is telling me something, that I am apparently too thick in the head to grasp.
>
>
>
> Anyone have any ideas? Am beyond frustrated I can’t make any sense out of the symptoms.
>
>
>
> Please Help –
>
>
>
> 73 – Dave N8ZFM
>
> Louisville, KY
>
>
>

# 6002. RE: [T-368_BC-610] BC-610I Help Needed, am stuck

Yahoo group: T-368_BC-610
Date: 2014-12-01 04:20:07 UTC
From: Dave Trainor
Topic: 5995  Message: 6002

Thank you very much Dennis. I agree with everything, And I really appreciate the post, I am a ham but work as an IT engineer so working on this is a hobby and my knowledge level in radio electronics is what I would call enough to be dangerous. Love doing it but my skill in troubleshooting could do with some improvement. I would almost be happier if something had gone up in smoke, finding a replacement might be a lot of fun, but at least I would know what to fix ☺

it is difficult to trace with the schematic because of fact that its scattered across all 3 decks, lots of long crisscrossing lines. I thought the ant relay should be at 0 unless plate power is on, thanks for confirming that.

Am waiting on mouser and more 6A fuses. Should be here before the end
of the week.

I suspect T2, mostly because the original was bad and I had to use the one from the incomplete donor 610 I got with this one. Luckily it was functional and present. I believe that the original had a HV insulation problem. I had this operating a few months ago so I know the donor T2 was good at that time, and really should not have gone bad sitting for 6mo.

So if I lift term 7 on TS14 that feeds terminal 2 on T2 the ant relay drops But still no voltage across RY1 when operating the plate power switch.
If I check for voltage on TS11, terminals 6 to 12, I am switching the 120v ac with the plate power switch, so the switch itself is good.

Not quite sure how to verify T2 is not the issue because I am not sure what the relay RY2 is switching with terminal 3 from T2. Searching as to where the voltage on the ant relay is coming from.

Mostly that’s because I do not grasp the overload trip circuit or where the “other” side of the ac mains is vs TS3 terminal 6 which is hooked to the physical plate power switch and traced to one side of the coil of RY1, the other side loops thru the ant relay and then back thru RY2 contacts to T2 terminal 3, I don’t see where it would have 120v across it at all.

If I check from the plate power switch (12 on TS11) to the relay contact on RY2 that’s attached to T2 term 3, should I have 120v ac that’s switchable on/off via the plate power switch?

73 – Dave N8ZFM

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
Sent: Sunday, November 30, 2014 9:45 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] BC-610I Help Needed, am stuck

Dave,

Would recommend getting that 15Amp fuse out of the circuit before something melts or burns up. You should be seeing your full mains supply voltage (115 - 120 vac) across the coils of both RY-1 and the antenna shorting relay RY-4when energized but there should be no ac applied to the shorting relay until the transmitter is keyed. Looks like you have a problem somewhere in the AC circuitry fed and protected by FS4. This would include the the filament supply in which you noted an adjustment difference (T3) and also the power supply of which T2 is a part.. Also feeds T1 and T10 through FS5 but since that fuse has not blown the problem is probably not in that area.

The circuit diagram you have is difficult to use for the kind of troubleshooting required here. The circuits fed by FS-4 are scattered across different chassis in the BC-610 and are difficult to trace out with the kind of presentation found in Fig. 81 in TM 11-826. A much better presentation for troubleshooting purposes can be found in TM 11-281 Figure 120. Unfortunately no equivalent is provided in TM 11-826 (I checked).

Dennis D. W7QHO
Glendale, CA

**********

On Nov 29, 2014, at 8:25 PM, Dave Trainor dave@n8zfm.com<mailto:dave@n8zfm.com> [T-368_BC-610] <T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>> wrote:

Guys, I have a BC-610 I that I restored some months ago, had it working perfectly into a dummy load in the back room of the house. It sat there for most of the summer and I disassembled it to move it to the ham shack. (detached 2nd floor garage – why it got disassembled to move up the steps) Reassembled it and now I have a major problem.

Here is what is happening - filament power comes on fine, not as much adjustment in voltage as I remember, but it starts at just slightly below 5v – the antenna shorting relay is humming 92v AC across the terminals, I don’t remember that before I move it and reassembled, turn on exciter plate power and the exciter VR tubes light and I can tune the exciter normally and it puts out plenty of drive. Now the problem, I turn on plate power and the 6A FS4 blows, so I did not have any more 6A fuses on hand, so I replaced it with a 15A I had (bad idea I know), it no longer blows, however no plate power, the plate contactor RY1 has 18-20V across the coil when plate power is on, and seems to have 18V with plate power off. The antenna shorting relay seems to be in the current path, I thought the relay was bad, shorting the terminals on the antenna shorting relay does have an effect, the plate contactor RY1 will oscillate on-off, only tried that for a couple seconds. Have traced out all of the connections on the inter-deck cables, I had labeled each one when restoring, all are correct, checked over 5 times now and after sleeping on it again. Checked to make sure that terminal 7 on TS11 (mod deck) is the cold side of the 117v input.

The unit is wired according to the schematic in the TM 11-826 Figure 81 which I printed on a plotter at work for the restoration, 3’ x 6’ so I could easily follow it and highlight each connection.
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I am out of ideas after studying the schematic most of last night and today. Everything is wired correctly. I can’t seem to figure out where the voltage across the antenna shorting

relay is coming from. I believe it should be 0 volts until the plate power switch is turned on, and when the switch is turned on, it does not change. That is telling me something, that I am apparently too thick in the head to grasp.

Anyone have any ideas? Am beyond frustrated I can’t make any sense out of the symptoms.

Please Help –

73 – Dave N8ZFM
Louisville, KY

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# 6003. Re: [T-368_BC-610] BC-610I Help Needed, am stuck

Yahoo group: T-368_BC-610
Date: 2014-12-01 06:05:16 UTC
From: Dennis DuValll
Topic: 5995  Message: 6003

> On Nov 30, 2014, at 8:20 PM, Dave Trainor dave@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:
>
> Not quite sure how to verify T2 is not the issue because I am not sure what the relay RY2 is switching with terminal 3 from T2.
>
T2 is the filament transformer for the HV rectifier tubes (866s early, 3B28s later). RY 2 is the "overload reset relay" and when NOT activated one of it's contact sets feeds ac to the coil of RY1. When activated by an overload, ac to RY1 is cut off along with HV for the xmtr's PA (and ac to the antenna relay). The "overload" relay BTW senses the current being drawn from the HV supply and when tripped then energizes the "overload reset relay" which has a set of contacts that then keep it energized until the "overload reset" switch is activated. The coil of the "overload relay" is connected in series with the negative side of the HV supply to ground and was specially designed to pull in at some current level above the normal operating value (TM doesn't give a figure).

> Searching as to where the voltage on the ant relay is coming from.
>
>
>
The coil on the antenna relay is electrically connected directly across the coil of RY1, the plate power relay, i.e. RY1 energizes the antenna relay also energizes.

Probably a good idea to check T2. Does carry the HV when in operation.

The BC-610 does label one side of the AC power coming into it as "A-C Common" but it's floating and fuses can be found in either side of the line one circuit to another . In the Filament Voltage control circuits (Fig. 77, Page 122, TM 11-281) for ex. FS2 and FS4 appear in what I would take to be the Common side of the line and FS1 is placed in the Hot(?) side.

If I check from the plate power switch (12 on TS11) to the relay contact on RY2 that's attached to T2 term 3, should I have 120v ac that's switchable on/off via the plate power switch?

Yes -- from what I see in my schematics and everything is connected up and working right.

Dennis D. W7QHO
Glendale, CA

# 6004. Re: [T-368_BC-610] BC-610I Help Needed, am stuck

Yahoo group: T-368_BC-610
Date: 2014-12-01 08:24:51 UTC
From: Roger@...
Topic: 5995  Message: 6004

Figure 45 in TM 11-826 might be helpful? It shows the control ccts and their interaction points with other chassis.

Does the BC-610-I have a rear cover interlock? I can only see two on that diagram and the BC-610-E has three, two on the top cover and one on the back. I had issues with the back interlock not closing properly all the time.

73

Roger/G3VKM

---In T-368_BC-610@yahoogroups.com, <w7qho@...> wrote :

Dave,

Would recommend getting that 15Amp fuse out of the circuit before something melts or burns up. You should be seeing your full mains supply voltage (115 - 120 vac) across the coils of both RY-1 and the antenna shorting relay RY-4when energized but there should be no ac applied to the shorting relay until the transmitter is keyed. Looks like you have a problem somewhere in the AC circuitry fed and protected by FS4. This would include the the filament supply in which you noted an adjustment difference (T3) and also the power supply of which T2 is a part.. Also feeds T1 and T10 through FS5 but since that fuse has not blown the problem is probably not in that area.

The circuit diagram you have is difficult to use for the kind of troubleshooting required here. The circuits fed by FS-4 are scattered across different chassis in the BC-610 and are difficult to trace out with the kind of presentation found in Fig. 81 in TM 11-826. A much better presentation for troubleshooting purposes can be found in TM 11-281 Figure 120. Unfortunately no equivalent is provided in TM 11-826 (I checked).

Dennis D. W7QHO
Glendale, CA

**********

# 6005. Using an external VFO with a BC-610?

Yahoo group: T-368_BC-610
Date: 2014-12-01 13:12:38 UTC
From: Roger@...
Topic: 6005  Message: 6005

Hi All,

Would be interested to hear from the group about how folks are switching between RX and TX when using an external VFO with their '610s, whether a vintage VFO or a modern DDS type. Obviously, you don't want the VFO running on receive if you're working simplex.

TIA,

Roger/G3VKM - Norfolk, England.

# 6006. Re: [T-368_BC-610] BC-610I Help Needed, am stuck

Yahoo group: T-368_BC-610
Date: 2014-12-01 15:58:42 UTC
From: Dave Trainor
Topic: 5995  Message: 6006

Roger, yes the I model has 3 interlocks, I have the back panel one jumpered at the moment so I can troubleshoot. There are two more on the top cover doors. All have continuity, that was the very first thing I checked.
As soon as I get more of the 6A fuses I will go back to tracing.

Thanks,
Dave Trainor - N8ZFM

From: "T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>"
<T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>>
Reply-To: "T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>"
<T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@...m>>
Date: Monday, December 1, 2014 at 3:24 AM
To: "T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>"
<T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>>
Subject: Re: [T-368_BC-610] BC-610I Help Needed, am stuck

Figure 45 in TM 11-826 might be helpful? It shows the control ccts and their interaction points with other chassis.

Does the BC-610-I have a rear cover interlock? I can only see two on that diagram and the BC-610-E has three, two on the top cover and one on the back. I had issues with the back interlock not closing properly all the time.

73

Roger/G3VKM

---In T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>, <w7qho@...> wrote :

Dave,

Would recommend getting that 15Amp fuse out of the circuit before something melts or burns up. You should be seeing your full mains supply voltage (115 - 120 vac) across the coils of both RY-1 and the antenna shorting relay RY-4when energized but there should be no ac applied to the shorting relay until the transmitter is key ed. Looks like you have a problem somewhere in the AC circuitry fed and protected by FS4. This would include the the filament supply in which you noted an adjustment difference (T3) and also the power supply of which T2 is a part.. Also feeds T1 and T10 through FS5 but since that fuse has not blown the problem is probably not in that area.

The circuit diagram you have is difficult to use for the kind of troubleshooting required here. The circuits fed by FS-4 are scattered across different chassis in the BC-610 and are difficult to trace out with the kind of presentation found in Fig. 81 in TM 11-826. A much better presentation for troubleshooting purposes can be found in TM 11-281 Figure 120.<
span style="background-color:rgb(255, 255, 255);" class="ygrps-yiv-12 58375473">

Unfortunately no equivalent is provided in TM 11-826 (I checked).

Dennis D. W7QHO
Glendale, CA

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# 6007. Re: [T-368_BC-610] BC-610I Help Needed, am stuck

Yahoo group: T-368_BC-610
Date: 2014-12-01 16:09:47 UTC
From: Roger@...
Topic: 5995  Message: 6007

OK Dave,

Take care inside that Beast!

73

Roger/G3VKM

# 6008. vfo

Yahoo group: T-368_BC-610
Date: 2014-12-01 17:22:05 UTC
From: Alan Morriss
Topic: 1281  Message: 6008

hello roger , i built a multi rock MR2 and it has a T/R switch. i have not used it with the 610 yet as i have not fixed it . i have to replace the overload relay. however , i have used it with other sets and it is very good. alan

# 6009. more

Yahoo group: T-368_BC-610
Date: 2014-12-01 17:25:43 UTC
From: Alan Morriss
Topic: 5147  Message: 6009

hello dave , i use the circuit breaker equivalents in place of the screw in fuses. maybe not original , but much simpler ! alan G4GEN

# 6010. Re: [T-368_BC-610] more

Yahoo group: T-368_BC-610
Date: 2014-12-01 18:03:43 UTC
From: Dave Trainor
Topic: 5147  Message: 6010

That’s actually a good idea, not had a problem with fuses until now. But I suspect I may blow a few in troubleshooting and it would be a lot easier and probably cheaper if I went the breaker route.

73 -
Dave - N8ZFM

From: "T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>"
<T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>>
Reply-To: "T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>"
<T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>>
Date: Monday, December 1, 2014 at 12:25 PM
To: "T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>"
<T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>>
Subject: [T-368_BC-610] more

hello dave , i use the circuit breaker equivalents in place of the screw in fuses. maybe not original , but much simpler ! alan G4GEN

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# 6011. Re: vfo

Yahoo group: T-368_BC-610
Date: 2014-12-01 20:36:21 UTC
From: Roger@...
Topic: 1281  Message: 6011

Thanks Alan,

I have just been repairing one of those MR2s for James, GU6GCI, he was having trouble getting a signal out of it. It looks as though it was a simple solder bridge and a duff 5V regulator. At 600mv output it's too unpowered to drive a BC-610 barefoot but James had bought a couple of the buffer amps for vintage rigs, made by Hagerty Radio. They boost the MR2 to 8-9 volts and I was able to drive the '610 OK via the crystal socket on the TU, although I could only get about half normal RF output from the PA on 80 metres, so it's still lacking enough uumph! I have a nice ET4336 VFO here, that has an 807 in it, bet that will do the job.

I'd noticed that the MR2 has a T/R switch but was wondering how people were interfacing their VFOs to the '610, maybe connecting to the remote keying line, or something? Probably easier with a VF-1 or a HG-10B, etc as they are similar technology, but a lot of people seem to be going over to digital VFOs.

Cheers,

Roger/G3VKM

---In T-368_BC-610@yahoogroups.com, <mohawk@...> wrote :

hello roger , i built a multi rock MR2 and it has a T/R switch. i have not used it with the 610 yet as i have not fixed it . i have to replace the overload relay. however , i have used it with other sets and it is very good. alan

# 6012. Re: [T-368_BC-610] BC-610I Help Needed, am stuck

Yahoo group: T-368_BC-610
Date: 2014-12-01 20:40:26 UTC
From: Dave Trainor
Topic: 5995  Message: 6012

Dennis one thing comes to mind – the original cord is a 2 prong AC cord, no ground wire with as you point out both sides of the AC circuit floating. What effect do you think there is of having a new 3 wire cord, with the neutral or common connection also connected to ground? I have verified that I have the black or hot AC side going to the correct side of things, and the white or neutral line is connected to AC common.

But I now have a 3 wire cord connected with the green ground connected to the chassis directly on the mod deck where the socket is for the ac cord, I used a new socket with 3 pins replacing the original ac socket. As is normal now the ground wire is directly connected to the common side in the breaker box. So in reality the common side of the AC line is also grounded. In my restoration I probably did not have the unit grounded at all since the dummy load was just sitting there on the floor so it was also isolated from ground.

This is possible, because someone replaced the 2 prong outlets in my home to 3 prong without connecting the ground pin, guess they did not like 3 prong adaptors, when I had it in the house it may not have been grounded at all. The home is old enough it has 2 wire romex and no 3rd ground wire. My new garage/ham shack is up to 2014 code so the 3rd prong is a real ground.

Guess I could disconnect ground and see – but the RF ground bar I have in the new shack is to a ground rod, and the breaker box also connects ground to the ground rod, so if ground should not be equal to ac common as soon as I connect a ground lead I will be back in the same place electrically.

I took Alan’s idea and ordered some breakers to replace the fuses, if I am going to pop them during troubleshooting it will be a lot easier, and while not authentic exactly, I am more concerned with getting it back to fully operational and actually using it. I can see myself becoming a major customer for glass fuses here.

Thanks - 73
Dave - N8ZFM

From: "T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>"
<T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>>
Reply-To: "T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>"
<T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>>
Date: Monday, December 1, 2014 at 1:05 AM
To: "T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>"
<T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>>
Subject: Re: [T-368_BC-610] BC-610I Help Needed, am stuck

On Nov 30, 2014, at 8:20 PM, Dave Trainor dave@...<mailto:dave@...> [T-368_BC-610]
<T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>> wrote:

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If I check from the plate power switch (12 on TS11) to the relay contact on RY2 that’s attached to T2 term 3, should I have 120v ac that’s switchable on/off via the plate power switch?
Yes -- from what I see in my schematics and everything is connected up and working right.
Dennis D. W7QHO
Glendale, CA

--
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# 6013. Re: [T-368_BC-610] Re: vfo

Yahoo group: T-368_BC-610
Date: 2014-12-01 20:47:07 UTC
From: Dave Trainor
Topic: 1281  Message: 6013

That you Roger, I have one of the Hagerty VFO DDS kits and the buffer amp, have not used it yet on the 610 due to another ongoing problem but I planned to use it into the crystal socket. Its good to know it will drive the 610. Once I get the present trouble sorted out using this will be the next step. My testing so far has been with the tunable MO in the TU, but I know that will drift all over the place. DDS is for sure not 1940's but we do need to be stable nowadays unless I was just going to look at it like a museum and not really operate it.

73 – Dave N8ZFM

From: "T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>"
<T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>>
Reply-To: "T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>"
<T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>>
Date: Monday, December 1, 2014 at 3:36 PM
To: "T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>"
<T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>>
Subject: [T-368_BC-610] Re: vfo

Thanks Alan,

I have just been repairing one of those MR2s for James, GU6GCI, he was having trouble getting a signal out of it. It looks as though it was a simple solder bridge and a duff 5V regulator. At 600mv output it's too unpowered to drive a BC-610 barefoot but James had bought a couple of the buffer amps for vintage rigs, made by Hagerty Radio. They boost the MR2 to 8-9 volts and I was able to drive the '610 OK via the crystal socket on the TU, although I could only get about half normal RF output from the PA on 80 metres, so it's still lacking enough uumph! I have a nice ET4336 VFO here, that has an 807 in it, bet that will do the job.

I'd noticed that the MR2 has a T/R switch but was wondering how people were interfacing their VFOs to the '610, maybe connecting to the remote keying line, or something? Probably easier with a VF-1 or a HG-10B, etc as they are similar technology, but a lot of people seem to be going over to digital VFOs.

Cheers,

Roger/G3VKM

---In T-368_BC-610@...m<mailto:T-368_BC-610@yahoogroups.com>, <mohawk@...> wrote :

hello roger , i built a multi rock MR2 and it has a T/R switch. i have not used it with the 610 yet as i have not fixed it . i have to replace the overload relay. however , i have used it with other sets and it is very good. alan

--
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# 6014. Re: [T-368_BC-610] Re: vfo

Yahoo group: T-368_BC-610
Date: 2014-12-01 21:10:46 UTC
From: Roger@...
Topic: 1281  Message: 6014

Hi Dave,

I'm not sure of the output of the Hagerty DDS but the 8-10 volts I was getting from the MultiRock and Hagerty buffer combo was not quite enough to drive the '610 to full power, possibly the Hagerty DDS is more powerful?

In practice, I've not found that I need many frequencies as AM operation over here is mainly on 80 metres, 3615 and 3705 are the main channels, with 3575 and 3577 for CW, so a few crystals do the job. I bought some of the tiny wire-in rocks from Bryn, AF4K, and they work OK mounted inside a gutted FT-171 holder. They won't work with some other TXs, like the BC-669, however.

73

Roger/G3VKM

---In T-368_BC-610@yahoogroups.com, <dave@...> wrote :

That you Roger, I have one of the Hagerty VFO DDS kits and the buffer amp, have not used it yet on the 610 due to another ongoing problem but I planned to use it into the crystal socket. Its good to know it will drive the 610. Once I get the present trouble sorted out using this will be the next step. My testing so far has been with the tunable MO in the TU, but I know that will drift all over the place. DDS is for sure not 1940’s but we do need to be stable nowadays unless I was just going to look at it like a museum and not really operate it.

73 – Dave N8ZFM

# 6015. Re: [T-368_BC-610] BC-610I Help Needed, am stuck

Yahoo group: T-368_BC-610
Date: 2014-12-02 05:58:00 UTC
From: Dennis DuValll
Topic: 5995  Message: 6015

> On Dec 1, 2014, at 12:40 PM, Dave Trainor dave@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:
>
>
> Dennis one thing comes to mind – the original cord is a 2 prong AC cord, no ground wire with as you point out both sides of the AC circuit floating. What effect do you think there is of having a new 3 wire cord, with the neutral or common connection also connected to ground? I have verified that I have the black or hot AC side going to the correct side of things, and the white or neutral line is connected to AC common.

No, I wouldn't recommend grounding the neutral side of the power connection coming in. Dangerous if the Hot/Neutral ever got reversed. Run the Green line to ground, of course as you describe below. Checked out the MG set (PE-95) originally used out in the field with these transmitters. According to the manual (TM 11-904) both sides of the AC are fully floating and neither side is identified as a "common.". The rated full load output voltage varies between 115 - 120 vac depending on the model (A, B,C, F, G & H). Raises the question "what were the 100 volt taps for on many of the transformers?" and were the radios usually/sometimes/always run on the taps as shown in the schematics?
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> But I now have a 3 wire cord connected with the green ground connected to the chassis directly on the mod deck where the socket is for the ac cord, I used a new socket with 3 pins replacing the original ac socket. As is normal now the ground wire is directly connected to the common side in the breaker box. So in reality the common side of the AC line is also grounded. In my restoration I probably did not have the unit grounded at all since the dummy load was just sitting there on the floor so it was also isolated from ground.

Hmmm…. As a test you might CAREFULLY replicate your original setup, i.e., no safety or any other kind of ground (as you talk about later) and see if that fuse still blows. If not, might provide some clues about what's going on in the rig.
>
> Thanks - 73
> Dave - N8ZFM
>
> From: "T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610@yahoogroups.com>" <T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610@yahoogroups.com>>
> Reply-To: "T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610@yahoogroups.com>" <T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610@yahoogroups.com>>
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> Subject: Re: [T-368_BC-610] BC-610I Help Needed, am stuck
>
>

>
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>
>> On Nov 30, 2014, at 8:20 PM, Dave Trainor dave@... <mailto:dave@...> [T-368_BC-610] <T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610@yahoogroups.com>> wrote (in part):
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> T2 is the filament transformer for the HV rectifier tubes (866s early, 3B28s later). RY 2 is the "overload reset relay" and when NOT activated one of it's contact sets feeds ac to the coil of RY1 from the 117 volt tap on T2 (term 3). When activated by an overload, ac to RY1 is cut off along with HV for the xmtr's PA (and ac to the antenna relay). The "overload" relay BTW senses the current being drawn from the HV supply and when tripped then energizes the "overload reset relay" which has a set of contacts that then keep it energized until the "overload reset" switch is activated. The coil of the "overload relay" is connected in series with the negative side of the HV supply to ground and was specially designed to pull in at some current level above the normal operating value (TM doesn't give a figure).
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> Dennis D. W7QHO
> Glendale, CA
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# 6016. Re: [T-368_BC-610] BC-610I Help Needed, am stuck

Yahoo group: T-368_BC-610
Date: 2014-12-02 21:34:49 UTC
From: Joe Foley
Topic: 5995  Message: 6016

Check the voltage in the garage and make sure the neutral is solidly attached at all points.
Joe

On Tuesday, December 2, 2014 12:58 AM, "Dennis DuValll w7qho@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com> wrote:

On Dec 1, 2014, at 12:40 PM, Dave Trainor dave@...m [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:

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No, I wouldn't recommend grounding the neutral side of the power connection coming in.  Dangerous if the Hot/Neutral ever got reversed. Run the Green line to ground, of course as you describe below.  Checked out the MG set (PE-95) originally used out in the field with these transmitters.  According to the manual (TM 11-904) both sides of the AC are fully floating and neither side is identified as a "common.".  The rated full load output voltage varies between 115 - 120 vac depending on the model (A, B,C, F, G & H).  Raises the question "what were the 100 volt taps for on many of the transformers?" and were the radios usually/sometimes/always run on the taps as shown in the schematics?

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Hmmm….  As a test you might CAREFULLY replicate your original setup, i.e., no safety or any other kind of ground (as you talk about later) and see if that fuse still blows.  If not, might provide some clues about what's going on in the rig.

Thanks - 73Dave - N8ZFM
From: "T-368_BC-610@yahoogroups.com" <T-368_BC-610@yahoogroups.com>
Reply-To: "T-368_BC-610@yahoogroups.com" <T-368_BC-610@yahoogroups.com>
Date: Monday, December 1, 2014 at 1:05 AM
To: "T-368_BC-610@yahoogroups.com" <T-368_BC-610@yahoogroups.com>
Subject: Re: [T-368_BC-610] BC-610I Help Needed, am stuck

On Nov 30, 2014, at 8:20 PM, Dave Trainor dave@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote (in part):
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--
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# 6017. Re: [T-368_BC-610] BC-610I Help Needed, am stuck

Yahoo group: T-368_BC-610
Date: 2014-12-02 22:02:14 UTC
From: Dave Trainor
Topic: 5995 Message: 6017

Joe, Yes it is firmly attached. My mains voltage runs an average of 122v, with a low of 120 and have also measured it as much as 125. So like most I have a higher than 115V in the specifications.

I am waiting on more fuses, to continue, but am going to try un-gounding and see what happens since the original was both sides of the AC floating and that's not the case anymore as the common side and ground as both tied together at the breaker box, and the breaker box firmly tied to the ground rods which also attach to the antenna ground at the base of the tower, I have several ground rods and they are all tied together with thick 2" tinned braid. The next problem is this fixes the issue I am seeing, is what to do about it. Maybe an isolation transformer but it would have to be a hefty one. Figure that part out if I have to.

73 – Dave N8ZFM

From: "T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>"
<T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>>
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<T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>>
Date: Tuesday, December 2, 2014 at 4:34 PM
To: "T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>"
<T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>>
Subject: Re: [T-368_BC-610] BC-610I Help Needed, am stuck

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On Dec 1, 2014, at 12:40 PM, Dave Trainor dave@n8zfm.com<mailto:dave@...> [T-368_BC-610]
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Reply-To: "T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>"
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Date: Monday, December 1, 2014 at 1:05 AM
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<T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>>
Subject: Re: [T-368_BC-610] BC-610I Help Needed, am stuck

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<T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>> wrote (in part):

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# 6018. Re: [T-368_BC-610] BC-610I Help Needed, am stuck

Yahoo group: T-368_BC-610
Date: 2014-12-03 07:14:57 UTC
From: Roger@...
Topic: 5995  Message: 6018

Dave,

Do you have such things as "site transformers" over there? In the EC and UK power tools for use outside by professional users are supposed to be 100-110v and this is derived from a site transformer with a 230V primary and a 50-0-50 secondary, with the centre tap grounded. The logic is that the maximum shock exposure from the power tool metalwork in the event of a fault is 50Vish WRT to ground. I use a site transformer, with the centre tap disconnected, to power my BC-610 and other US equipment that has 115V primaries from our 230-250V domestic mains. It occurred to me there might be isolation transformers providing 115V in to 100-115V out over there?.

A lot of 230/115V transformers available here are autotransformers, they have a single winding where the output can rise to 230V when the equipment is off. The "site" option was probably cheaper than a special 230/115 transformer and it is totally enclosed with dedicated connectors.

Just a thought,

73

Roger/G3VKM

# 6019. transformer

Yahoo group: T-368_BC-610
Date: 2014-12-03 10:20:19 UTC
From: Alan Morriss
Topic: 5485  Message: 6019

hello , i use a site transformer to power the SCR399 set up from the mains. it took me some time to work out why the truck was live to ground ! i had to disconnect the centre tap on the secondary. alan G4GEN

# 6020. Re: [T-368_BC-610] BC-610I Help Needed, am stuck

Yahoo group: T-368_BC-610
Date: 2014-12-03 13:23:54 UTC
From: Brian Harris
Topic: 5995  Message: 6020

Sent from my iPhone

On Dec 3, 2014, at 1:14 AM, "Roger@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com> wrote:

> Dave,
>
> Do you have such things as "site transformers" over there? In the EC and UK power tools for use outside by professional users are supposed to be 100-110v and this is derived from a site transformer with a 230V primary and a 50-0-50 secondary, with the centre tap grounded. The logic is that the maximum shock exposure from the power tool metalwork in the event of a fault is 50Vish WRT to ground. I use a site transformer, with the centre tap disconnected, to power my BC-610 and other US equipment that has 115V primaries from our 230-250V domestic mains. It occurred to me there might be isolation transformers providing 115V in to 100-115V out over there?.
>
> A lot of 230/115V transformers available here are autotransformers, they have a single winding where the output can rise to 230V when the equipment is off. The "site" option was probably cheaper than a special 230/115 transformer and it is totally enclosed with dedicated connectors.
>
> Just a thought,
>
> 73
>
> Roger/G3VKM
>
>

# 6021. Re: [T-368_BC-610] BC-610I Help Needed, am stuck

Yahoo group: T-368_BC-610
Date: 2014-12-03 15:22:57 UTC
From: Dave Trainor
Topic: 5995  Message: 6021

Well this no longer is a worry as I tried lifting ground last night and that had no effect, I still have voltage on the antenna relay with plate power off. So back to tracing and trying to figure out where the issue is. Glad in a way its not the ground as that would be a difficult issue to solve.

We do have site transformers here in the US but the ones I have seen are to convert from the 480v 3 phase current supplied to a lot of businesses and data centers to 240v, I have one of those in my data center, they are not cheap by any means. I did not know you all in the UK used anything on 110V, that’s interesting.

Thanks, 72 -
David Trainor N8ZFM
502-424-6565

From: "T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>"
<T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>>
Reply-To: "T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>"
<T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>>
Date: Wednesday, December 3, 2014 at 8:23 AM
To: "T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>"
<T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>>
Subject: Re: [T-368_BC-610] BC-610I Help Needed, am stuck

Sent from my iPhone

On Dec 3, 2014, at 1:14 AM, "Roger@....uk<mailto:Roger@...> [T-368_BC-610]"
<T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>> wrote:

Dave,

Do you have such things as "site transformers" over there? In the EC and UK power tools for use outside by professional users are supposed to be 100-110v and this is derived from a site transformer with a 230V primary and a 50-0-50 secondary, with the centre tap grounded. The logic is that the maximum shock exposure from the power tool metalwork in the event of a fault is 50Vish WRT to ground. I use a site transformer, with the centre tap disconnected, to power my BC-610 and other US equipment that has 115V primaries from our 230-250V domestic mains. It occurred to me there might be isolation transformers providing 115V in to 100-115V out over there?.

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Just a t hought,

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Roger/G3VKM

--
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spam.<http://h0stname/cgi-bin/learn-msg.cgi?id=C06F328B20.A3AC7>

# 6022. Re: [T-368_BC-610] BC-610I Help Needed, am stuck

Yahoo group: T-368_BC-610
Date: 2014-12-03 21:47:55 UTC
From: Joe Foley
Topic: 5995 Message: 6022

Ooook, then,
It's time to check and verify that everything is what it is supposed to be,... or what you think it should be. There is no telling what someone did some where along the line, both in the house wiring and in the transmitter.
Also, check the voltage under load, long shot, I know, but we're looking for something you haven't found yet, that could get interesting.
joe

On Wednesday, December 3, 2014 10:22 AM, "Dave Trainor dave@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com> wrote:

Well this no longer is a worry as I tried lifting ground last night and that had no effect, I still have voltage on the antenna relay with plate power off. So back to tracing and trying to figure out where the issue is. Glad in a way its not the ground as that would be a difficult issue to solve.
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Thanks, 72 -David Trainor N8ZFM502-424-6565

From: "T-368_BC-610@yahoogroups.com" <T-368_BC-610@yahoogroups.com>
Reply-To: "T-368_BC-610@yahoogroups.com" <T-368_BC-610@yahoogroups.com>
Date: Wednesday, December 3, 2014 at 8:23 AM
To: "T-368_BC-610@yahoogroups.com" <T-368_BC-610@yahoogroups.com>
Subject: Re: [T-368_BC-610] BC-610I Help Needed, am stuck

Sent from my iPhone
On Dec 3, 2014, at 1:14 AM, "Roger@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com> wrote:

Dave,

Do you have such things as "site transformers" over there? In the EC and UK power tools for use outside by professional users are supposed to be 100-110v and this is derived from a site transformer with a 230V primary and a 50-0-50 secondary, with the centre tap grounded. The logic is that the maximum shock exposure from the power tool metalwork in the event of a fault is 50Vish WRT to ground. I use a site transformer, with the centre tap disconnected, to power my BC-610 and other US equipment that has 115V primaries from our 230-250V domestic mains. It occurred to me there might be isolation transformers providing 115V in to 100-115V out over there?.

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Just a t hought,

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Roger/G3VKM

--
This message was scanned by ESVA and is believed to be clean.
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# 6023. Re: [T-368_BC-610] transformer

Yahoo group: T-368_BC-610
Date: 2014-12-03 21:49:08 UTC
From: Joe Foley
Topic: 5485  Message: 6023

Yes!
I think we're looking for something like that.
Joe

On Wednesday, December 3, 2014 5:20 AM, "Alan Morriss mohawk@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com> wrote:

hello , i use a site transformer to power the SCR399 set up from the mains. it took me some time to work out why the truck was live to ground ! i had to disconnect the centre tap on the secondary. alan G4GEN <!--

# 6024. Re: [T-368_BC-610] BC-610I Help Needed, am stuck

Yahoo group: T-368_BC-610
Date: 2014-12-03 22:26:59 UTC
From: Dave Trainor
Topic: 5995  Message: 6024

I would have myself to blame for both. Not the house, but the new ham shack was wired by me, inspected of course, but KY allows the homeowner to do their own. The inspector did comment on why I would need such a large service to a garage – so I showed him the collection of radio equipment.

On the 610 – the original was in very sad shape, so I gutted it, had the chassis and cabinet dipped to remove rust, power coated, and then re-labeled everything per the pictures. The original wiring had been eaten into by rodents, it looked like, so that all got trashed and I made new wiring harnesses per the diagrams in the manuals. This took a long time. Each wire was labeled with a brother tape label with the connection number (per the manual) and then a clear heat shrink over it before soldering the spade connector on. Again this took a long time. And I did make a couple mistakes along the way that I had to fix. The result is not original at all, but it does look like new, I had to carefully remove the power coating at mounting screws and ground points. The harness is exactly what the manuals show, cable laced exactly the same (but with tie wraps, I used the correct specified gage wire but I could not get correct colors so used the labels).

However I had it working correctly in the back bedroom of the house about 9mo ago, put out a full 250W into a dummy load, plate on the 250TH glows a nice cherry red, I was quite happy. I also somewhat tested phone operation but I had not finished the 614 at that time. It was operating perfectly in CW mode. And so I left it sit there after spring came and I started work on the new Garage and 2nd floor ham shack.

Its way to heavy for me to move, so I disassembled the sheet metal, removed the connecting harneses and pulled out the decks, moved each one up – the power supply deck is still way too heavy but I got it up there. Re-assembled. And then turned it on for testing before I put the sides back on.

That’s when I discovered this problem – so what did I change (what changed is the mantra of an IT guy) – I removed the inter deck harnesses – check each wire, numbers match, repeat this step multiple times, blow some fuses, then ask for help here as I can’t find a dog gone thing. Something other than the inter deck harnesses must have gone bad while it was sitting, that’s hard to believe, much more likely I have a wire crossed, hence the check so many times on wire numbers against the diagrams and checking continuity.

Mostly all of the parts are original, I simply cleaned them and replaced in the chassis, new light bulbs, but almost all of the parts are original, I had to replace the filament rheostat as the original was cracked, but amazingly enough Ohmite still makes the same part, exactly, at a steep price but its still in production. Oil caps stayed, some small carbon resistors out of spec are new, and some small caps replaced with orange drops, mica’s were all still good.

If this was when I first assembled it, after making all new wiring harnesses, I would be 100% that I had made a mistake. But it worked fine, until I left it sitting and then moved it, the moving was careful and I have inspected for anything that I might have pulled loose or bent (etc) in the move, nothing. But I will find it, I have way too many hours and $$

invested to simply give up.

So why – the very first ham radio set I saw was a 610 that my father's friend, who had operated the 610 during the war with 3rd army (both him and my dad were in a forward observer team). My father was the medic. Anyway at that young age it was the coolest thing I ever saw, he was mostly a CW guy. Both are now SK's but I have always remembered the 610 and I came across this one in very sad shape and decided to restore it as it brought back being a kid and being in awe of a real CW op. So yeah I could have found one in better shape and spent a whole lot less, but then again I KNOW the circuitry a lot better, and it was fun. What the hobby's all about.

73 – Dave N8ZFM

From: "T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>"
<T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>>
Reply-To: "T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>"
<T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>>
Date: Wednesday, December 3, 2014 at 4:47 PM
To: "T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>"
<T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>>
Subject: Re: [T-368_BC-610] BC-610I Help Needed, am stuck

Ooook, then,

It's time to check and verify that everything is what it is supposed to be,... or what you think it should be. There is no telling what someone did some where along the line, both in the house wiring and in the transmitter.

Also, check the voltage under load, long shot, I know, but we're looking for something you haven't found yet, that could get interesting.

joe

On Wednesday, December 3, 2014 10:22 AM, "Dave Trainor dave@...<mailto:dave@...>
[T-368_BC-610]" <T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>> wrote:

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Thanks, 72 -
David Trainor N8ZFM
502-424-6565

From: "T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>"
<T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>>
Reply-To: "T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>"
<T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>>

Date: Wednesday, December 3, 2014 at 8:23 AM
To: "T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>"
<T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>>
Subject: Re: [T-368_BC-610] BC-610I Help Needed, am stuck

Sent from my iPhone

On Dec 3, 2014, at 1:14 AM, "Roger@new-gate.co.uk<mailto:Roger@...> [T-368_BC-610]"
<T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>> wrote:

Dave,

Do you have such things as "site transformers" over there? In the EC and UK power tools for use outside by professional users are supposed to be 100-110v and this is derived from a site transformer with a 230V primary and a 50-0-50 secondary, with the centre tap grounded. The logic is that the maximum shock exposure from the power tool metalwork in the event of a fault is 50Vish WRT to ground. I use a site transformer, with the centre tap disconnected, to power my BC-610 and other US equipment that has 115V primaries from our 230-250V domestic mains. It occurred to me there might be isolation transformers providing 115V in to 100-115V out over there?.

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Just a t hought,

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Roger/G3VKM

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spam.<http://h0stname/cgi-bin/learn-msg.cgi?id=08A1A28B28.76EED>

# 6025. T-3 speech amp

Yahoo group: T-368_BC-610
Date: 2014-12-28 19:56:27 UTC
From: ab3ht@...
Topic: 6025  Message: 6025

Looking for a beat speech amp.
I intend to strip the amp chassis and rebuild a Hi-Fi modulator driver on the same chassis.
73, Ed AB3HT

# 6026. Plate current meter bypass capacitor

Yahoo group: T-368_BC-610
Date: 2014-12-29 01:24:27 UTC
From: Chris Farley
Topic: 6026  Message: 6026

The T-368 has a large 2000pf 5kV mica bypass capacitor from B+ to ground near the plate current meter.  Mine has leaked out some of it's goo in the past, but seems to be doing fine now.  What could the smallest permissible value for this cap be?  Wouldn't a 1000pf or even 500pf ceramic suffice?  Even smaller?
Regards,
Chris kc9ieq

# 6027. Re: Plate current meter bypass capacitor

Yahoo group: T-368_BC-610
Date: 2014-12-29 04:44:57 UTC
From: Glen Galati
Topic: 6026  Message: 6027

Ref T-368 (2000 pfd 5KV Mica Capacitor.
Have you a picture of this capacitor. If it is the solid brown/dark brown Mica caps that I'm familiar with, then I don't recall replacing one in the military Transmitters that I worked on including the BC-610 & the T-368. I worked on several models including the the C,D, and E. I had a nice T-368C which I sold back to the to my friend and previous owner.
73,
Glen Galati, Tacoma, WA. 253-272-1061

# 6028. Re: [T-368_BC-610] Plate current meter bypass capacitor

Yahoo group: T-368_BC-610
Date: 2014-12-29 04:45:38 UTC
From: Glen Galati
Topic: 6026  Message: 6028

On Sunday, December 28, 2014 5:24 PM, "Chris Farley kc9ieq@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com> wrote:

The T-368 has a large 2000pf 5kV mica bypass capacitor from B+ to ground near the plate current meter. Mine has leaked out some of it's goo in the past, but seems to be doing fine now. What could the smallest permissible value for this cap be? Wouldn't a 1000pf or even 500pf ceramic suffice? Even smaller?

Regards,
Chris kc9ieq

# 6029. Re: [T-368_BC-610] Re: Plate current meter bypass capacitor

Yahoo group: T-368_BC-610
Date: 2014-12-29 05:16:31 UTC
From: Chris Farley
Topic: 6026  Message: 6029

It's one of the old F2B series Sangamo transmitting capacitors, about 1" x 3" x 2" with a pair of 10-32 studs.  It mounts on the left hand side of the RF deck, right next to the loading control.
This thing is just being used as a bypass cap though, so it wouldn't seem like it has to be quite this beefy. As mentioned before it has physically leaked sometime in the past, and I might as well replace it with something of the lowest capacitance value possible to try and lower the total shunt capacity in the RF deck.  I'm thinking a 500pf doorknob would work just fine, but I could be overlooking something obvious here- thus the inquiry.

Regards,
Chris

From: "Glen Galati eldim@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
To: "T-368_BC-610@yahoogroups.com" <T-368_BC-610@yahoogroups.com>
Sent: Sunday, December 28, 2014 10:44 PM
Subject: [T-368_BC-610] Re: Plate current meter bypass capacitor

  Ref T-368 (2000 pfd 5KV Mica Capacitor.Have you a picture of this capacitor.  If it is the solid brown/dark brown Mica caps that I'm familiar with, then I don't recall replacing one in the military Transmitters that I worked on including the BC-610 & the T-368.  I worked on several models including the the C,D, and E.  I had a nice T-368C which I sold back to the to my friend and previous owner.  73,Glen Galati, Tacoma, WA. 253-272-1061

# 6030. Re: [T-368_BC-610] Re: Plate current meter bypass capacitor

Yahoo group: T-368_BC-610
Date: 2014-12-29 05:52:04 UTC
From: wa5cab@...
Topic: 6026  Message: 6030

A doorknob in that location will look like a total kluge. The purpose of the capacitor is to keep RF out of the meter. Unless you have a drawer full of NOS replacement meters, I would replace it with one just like it except a good one. "lower the total shunt capacity in the RF deck" does not compute.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

In a message dated 12/28/2014 23:16:35 PM Central Standard Time, T-368_BC-610@yahoogroups.com writes:

> It's one of the old F2B series Sangamo transmitting capacitors, about 1" x 3" x 2" with a pair of 10-32 studs. It mounts on the left hand side of the RF deck, right next to the loading control.
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>
> Regards,
> Chris
>

# 6031. Re: [T-368_BC-610] Re: Plate current meter bypass capacitor

Yahoo group: T-368_BC-610
Date: 2014-12-29 21:18:27 UTC
From: Chris Farley
Topic: 6026  Message: 6031

Actually I can visualize a way to mount a doorknob there that would look just fine, although a replacement mica of the same form factor would obviously be the most convenient, lower capacitance or not.  But I digress..
The point of lowering the PA deck B+ shunt capacity would be to help increase the high frequency audio response.  C5, the 4-400a screen grid bypass, has been changed from 2200pf to 400pf and made a HUGE difference.  No ill effects have been seen on any band.

Cold, and loaded on 80, I measure about 4000pf from the 4-400A anode to ground.  This seems like a lot, and would explain why the high frequency response suffers so.

That being said-  I'm NOT trying to make a 12kc wide broadcast transmitter out of this thing, just trying to brighten it up a bit and get away from that typical muddy military audio.  (Not that there's anything wrong with that!)
Regards,
Chris kc9ieq

From: "wa5cab@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
To: T-368_BC-610@...m
Sent: Sunday, December 28, 2014 11:52 PM
Subject: Re: [T-368_BC-610] Re: Plate current meter bypass capacitor

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Regards,
Chris

# 6032. Re: [T-368_BC-610] Plate current meter bypass capacitor

Yahoo group: T-368_BC-610
Date: 2014-12-29 22:22:40 UTC
From: Dennis DuValll
Topic: 6026  Message: 6032

CHRIS,

The T-368 in it’s original configuration has about 8000pf effectively shunted AUDIOWISE across the secondary of the modulation transformer, as a consequence of the 4000pf of coupling capacity between the two sections of the pi-L tank circuit, 2000pf bypass cap on the incoming line and the plate tuning (300pf) and loading (1500pf) capacitors.. This causes a definite drop-off in the frequency response of the radio at the upper end of the audio frequency range. A significant improvement in audio response can be obtained by reducing the coupling capacity in the Pi-L circuit to 1000pf. This changes the tuning settings on 160M somewhat but with no other adverse effects (except that the radio may no laongerwork all the way down to 1500 kc). Reducing the capacity of the HV bypass cap as you are proposing WILL also help course. Reducing the screen bypass capacity as you have done sounds interesting (I’ll have to try that). On the use of doorknobs in place of the original large micas, that would be electrically all OK. Guess I never worried that much about appearance issues inside the cabinet.

Dennis D. W7QHO
Glendale, CA

**********

> On Dec 29, 2014, at 1:18 PM, Chris Farley kc9ieq@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:
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> Chris kc9ieq
>
> From: "wa5cab@cs.com <mailto:wa5cab@...> [T-368_BC-610]" <T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610@yahoogroups.com>>
> To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610@yahoogroups.com>

> Sent: Sunday, December 28, 2014 11:52 PM
> Subject: Re: [T-368_BC-610] Re: Plate current meter bypass capacitor
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>> Regards,
>> Chris
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>

# 6033. Re: [T-368_BC-610] Plate current meter bypass capacitor

Yahoo group: T-368_BC-610
Date: 2014-12-29 22:55:00 UTC
From: Mark J. Blair
Topic: 6026  Message: 6033

I left my T-368C in stock configuration (aside from dialing back the clipper setting), and added some EQ in the audio input external to the radio. I get excellent signal reports, and my radio is in its original, correct configuration rather than being hacked up.

--
Mark J. Blair, NF6X <nf6x@nf6x.net <mailto:nf6x@...>>
http://www.nf6x.net/ <http://www.nf6x.net/>

# 6034. Re: [T-368_BC-610] Plate current meter bypass capacitor

Yahoo group: T-368_BC-610
Date: 2014-12-30 07:58:53 UTC
From: Glen Galati
Topic: 6026  Message: 6034

I would surely like to see a pic of this capacitor and also the Part Nr. and Stock Nr. and which TM, T.O., or NAV-SHIPS Manual.
Send Me a PIC via cell 253-405-1419, or email: eldim@...
I no long have my T-368 Manuals.
73,
Glen Galati, KA7BOJ
Tacoma, WA.

On Monday, December 29, 2014 2:55 PM, "'Mark J. Blair' nf6x@... [T-368_BC-610]" <T-368_BC-610@...m> wrote:

I left my T-368C in stock configuration (aside from dialing back the clipper setting), and added some EQ in the audio input external to the radio. I get excellent signal reports, and my radio is in its original, correct configuration rather than being hacked up.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 6035. Re: [T-368_BC-610] Plate current meter bypass capacitor

Yahoo group: T-368_BC-610
Date: 2014-12-30 09:21:03 UTC
From: kc9ieq
Topic: 6026  Message: 6035

There's a difference between hacking, and fine tuning for better performance.  I like things stock and unmolested too, but these things are way too choked down in their original configuration.  Instead of running it absolutely 100% bone stock original, I'm swapping the bias ply's for radials, advancing the base timing, and popping in some halogen headlamps.  And maybe even a pair of fuzzy dice.  I'm not ripping out the slant 6 and installing a 440 six pack, pulling off the column shifter and putting a 4 on the floor, nor flaring out the fenders and painting flames on hood.  Every change being made is easily 100% reversible, and will be documented.

If I were going to "hack" this thing up, I would gut the whole speech amp, change the modulators to something beefier, and shunt feed the final to completely eliminate the excessive PA  shunt capacity issue.  The goal is to get this transmitter sounding as good as possible withOUT external processing, yet not go completely nuts with mods.

Oh regarding that 400pf screen bypass-  It's worth mentioning that the screen voltage is now being modulated along with the plate of the 4-400, by virtue of sliding the grid lead over to the modulated B+ connection on the rear of the RF deck.  If you aren't already doing that, I'm not sure how much (if any) the value of C5 would matter.

As for the value of C10...
Using the formula Fc = 1/(2*pi*sqrt(LC)) only looking at the circuit of C10 and L3, the current 2000pf and 1mF combination make for a LPF cutoff frequency of 112kHz.  This is obviously low enough to keep any meaningful level of RF from getting back into the meter or B+ line.  Lowering C10 to 1000pf raises the cutoff freq to 159kHz.  500pf raises it to 225kHz.  If someone can double check me here I would appreciate it, but it would seem that even a 500pf cap in location C10 would have no problem keeping RF out of the meter.

Now at face value, even leaving the 2000pf cap would not affect audio frequencies.  BUT- the entire B+ path in the RF deck essentially forms a multi pole Butterworth low pass filter!  It will be interesting to calculate the cutoff frequency for the entire RF deck, from C10 to the 4-400a.

Side note:  I now see that L3 is 1mH only on T-368 suffix A,B,C.  On the E schematic L3 is changed to 70uH, and new part L13 (1mH) is added on the meter side of C10.  Weird.

Fun stuff, but it's past my bedtime.

Regards,
Chris kc9ieq

Sent from my I are SMRTphone

-------- Original message --------
From: "'Mark J. Blair' nf6x@nf6x.net [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
Date:12/29/2014 4:55 PM (GMT-06:00)
To: T-368_BC-610 Group Group <T-368_BC-610@yahoogroups.com>
Subject: Re: [T-368_BC-610] Plate current meter bypass capacitor

I left my T-368C in stock configuration (aside from dialing back the clipper setting), and added some EQ in the audio input external to the radio. I get excellent signal reports, and my radio is in its original, correct configuration rather than being hacked up.

--
Mark J. Blair, NF6X <nf6x@nf6x.net>
http://www.nf6x.net/

# 6036. Antenna Tune and Loading chart

Yahoo group: T-368_BC-610
Date: 2014-12-31 12:22:04 UTC
From: Don Allison
Topic: 6036  Message: 6036

I had a cheat sheet with my Antenna Load and Tune settings and some how it's gotten misplaced does anyone else have a copy of theirs to share with me ? I only need it for the 40 and 80 meter bands right now .. I'll go and setup another chart for myself when I start working the other bands... I have a T368C model ..

73 Don WC4D

# 6037. RE: [T-368_BC-610] Antenna Tune and Loading chart

Yahoo group: T-368_BC-610
Date: 2014-12-31 14:16:48 UTC
From: kc9ieq
Topic: 6036  Message: 6037

Don,
The tuning charts are in the operators manual, TM 11-809-10, found here:

http://bama.edebris.com/manuals/military/t368/

Regards,
Chris

Sent from my I are SMRTphone

-------- Original message --------
From: "Don Allison wc4don@gmail.com [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
Date:12/31/2014 6:22 AM (GMT-06:00)
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] Antenna Tune and Loading chart

I had a cheat sheet with my Antenna Load and Tune settings and some how it's gotten misplaced does anyone else have a copy of theirs to share with me ? I only need it for the 40 and 80 meter bands right now .. I'll go and setup another chart for myself when I start working the other bands... I have a T368C model ..

73 Don WC4D

Posted by: Don Allison <wc4don@gmail.com>
Reply via web post • Reply to sender • Reply to group • Start a New Topic • Messages in this topic (1)
VISIT YOUR GROUP

# 6038. Re: Using an external VFO with a BC-610?

Yahoo group: T-368_BC-610
Date: 2015-01-01 21:42:33 UTC
From: w5kgz@...
Topic: 6005  Message: 6038

ROGER YOU MAKE AN ADAPTER FIOR THED XDTAL SOCKET OF THE bc610
AND FEED THE VFO IN AT THAT POINT. YOU HAVE TO USE EXTERNAL CONTACTS
FROM ARELAY TO KEY THE KEY JACK OF WHAT EVER VFO YOU MAY USE.
W5KGZ
PERRY

# 6039. CV-1758

Yahoo group: T-368_BC-610
Date: 2015-01-02 01:19:08 UTC
From: chrisjasper561@...
Topic: 6039  Message: 6039

I have a CV-1758 converter and I would like to know how this is wired to my R-390 . Terminal to Terminal numbers would be great or picture of rear panel works. Thank You all for any help. Chris.

# 6040. Mystery mil antenna matching network

Yahoo group: T-368_BC-610
Date: 2015-01-02 01:39:07 UTC
From: kc9ieq
Topic: 6040  Message: 6040

This look familiar to anyone?  Curious what system this tuna might have been a part of.
 Seems it would have pretty darned limited range within any one position.

http://www.ebay.com/itm/NAVY-MILITARY-REMOTE-ANTENNA-TUNER-HAM-RADIO-/171616914232

Regards,
Chris

Sent from my I are SMRTphone

# 6041. Re: Using an external VFO with a BC-610?

Yahoo group: T-368_BC-610
Date: 2015-01-03 06:37:55 UTC
From: Roger@...
Topic: 6005  Message: 6041

Hi Perry,

Many thanks, I have made up a adaptor using an unwanted FT-171B crystal unit, with the crystal and contacts inside removed and a BNC socket fitted to the metal label. Understood about the relay, I was wondering if people are using a sequence of relays, with the VFO power coming on first followed by the BC-610 power?

73 and HNY,

Roger/G3VKM

---In T-368_BC-610@yahoogroups.com, <w5kgz@...> wrote :

ROGER YOU MAKE AN ADAPTER FIOR THED XDTAL SOCKET OF THE bc610
AND FEED THE VFO IN AT THAT POINT. YOU HAVE TO USE EXTERNAL CONTACTS
FROM ARELAY TO KEY THE KEY JACK OF WHAT EVER VFO YOU MAY USE.
W5KGZ
PERRY

# 6042. Re: Using an external VFO with a BC-610?

Yahoo group: T-368_BC-610
Date: 2015-01-03 11:51:40 UTC
From: wassink@...
Topic: 6005  Message: 6042

Hello Group
i am using now for 3 years a dds with the bc610-e and bc610-G with manny fun.
but this year i want to run my t-368 a little more
my question is now
are there people running a t-368 with a dds on the excitation input to the vfo .
i think there is somwhere a schedule for using a ext vfo but i can not find it now
you must change some cable in the deck (i think)
happy new year for you al and have a lot of fun with this nice stuff
Jan Wassink
PA3HCO

# 6043. Re: [T-368_BC-610] Re: Using an external VFO with a BC-610?

Yahoo group: T-368_BC-610
Date: 2015-01-03 19:27:16 UTC
From: Dennis DuValll
Topic: 6005  Message: 6043

Chris, Jan,

I guess one could disconnect the PTO on the T-368's exciter chassis and feed the exciter chain with an alternate signal source. But why would one want do that? The internal Collins PTO in the T-368 is VERY stable and well behaved, unlike the MO option on the BC-610 tuning units.

Dennis D. W7QHO
Glendale, CA
(Running T-368s here for 20 years).

**********

> On Jan 3, 2015, at 3:51 AM, wassink@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:
>
>
> Hello Group
>
> i am using now for 3 years a dds with the bc610-e and bc610-G with manny fun.
>
> but this year i want to run my t-368 a little more
>
> my question is now
>
> are there people running a t-368 with a dds on the excitation input to the vfo .
>
> i think there is somwhere a schedule for using a ext vfo but i can not find it now
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> you must change some cable in the deck (i think)
>
> happy new year for you al and have a lot of fun with this nice stuff
>
> Jan Wassink
>
> PA3HCO
>
>
>

# 6044. Re: [T-368_BC-610] Re: Using an external VFO with a BC-610?

Yahoo group: T-368_BC-610
Date: 2015-01-03 19:48:25 UTC
From: kc9ieq
Topic: 6005  Message: 6044

The PTO in mine is actually quite drifty. Even after a several hour warmup, she drifts between 100-500hz/hr depending on band.  The transmitter is a TRW "F" model, although I just realized my oscillator deck looks to be made by B&W, with a triple digit s/n on the Cosmos PTO.  Fair to assume this waa replaced at some point, with a much older assembly?

I really don't want to tear the PTO apart, but might not have a choice...

Chris
kc9ieq

Sent from my I are SMRTphone

-------- Original message --------
From: "Dennis DuValll w7qho@aol.com [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
Date:01/03/2015 1:27 PM (GMT-06:00)
To: T-368_BC-610@yahoogroups.com
Cc: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] Re: Using an external VFO with a BC-610?

Chris, Jan,

I guess one could disconnect the PTO on the T-368's exciter chassis and feed the exciter chain with an alternate signal source. But why would one want do that? The internal Collins PTO in the T-368 is VERY stable and well behaved, unlike the MO option on the BC-610 tuning units.

Dennis D. W7QHO
Glendale, CA
(Running T-368s here for 20 years).

**********

On Jan 3, 2015, at 3:51 AM, wassink@yahoo.com [T-368_BC-610]
<T-368_BC-610@yahoogroups.com> wrote:

Hello Group

i am using now for 3 years a dds with the bc610-e and bc610-G with manny fun.

but this year i want to run my t-368 a little more

my question is now

are there people running a t-368 with a dds on the excitation input to the vfo .

i think there is somwhere a schedule for using a ext vfo but i can not find it now

you must change some cable in the deck (i think)

happy new year for you al and have a lot of fun with this nice stuff

Jan Wassink

PA3HCO

Posted by: Dennis DuValll <w7qho@aol.com>
Reply via web post • Reply to sender • Reply to group •

# 6045. Re: [T-368_BC-610] Re: Using an external VFO with a BC-610?

Yahoo group: T-368_BC-610
Date: 2015-01-03 20:30:03 UTC
From: Don Rudolph
Topic: 6005  Message: 6045

The PTO in my T-368 is quite drifty, it increases in frequency as it warms up.
Tubes have been replaced, same thing.
Probably takes an hour to settle down.
Too long for me
I run a home brew DDS vfo in place of the PTO and it is rock solid.
I would be willing to bet that if you put a frequency counter on the output of ANY
T-3 PTO, you would see it drift over time, some worse than others.
Just the nature of the beast.
Don W9BHI

Sent from my iPad

On Jan 3, 2015, at 1:48 PM, kc9ieq kc9ieq@... [T-368_BC-610]
<T-368_BC-610@yahoogroups.com> wrote:

The PTO in mine is actually quite drifty. Even after a several hour warmup, she drifts between 100-500hz/hr depending on band. The transmitter is a TRW "F" model, although I just realized my oscillator deck looks to be made by B&W, with a triple digit s/n on the Cosmos PTO. Fair to assume this waa replaced at some point, with a much older assembly?

I really don't want to tear the PTO apart, but might not have a choice...

Chris
kc9ieq

Sent from my I are SMRTphone

-------- Original message --------
From: "Dennis DuValll w7qho@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
Date:01/03/2015 1:27 PM (GMT-06:00)
To: T-368_BC-610@yahoogroups.com
Cc: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] Re: Using an external VFO with a BC-610?

Chris, Jan,

I guess one could disconnect the PTO on the T-368's exciter chassis and feed the exciter chain with an alternate signal source. But why would one want do that? The internal Collins PTO in the T-368 is VERY stable and well behaved, unlike the MO option on the BC-610 tuning units.

Dennis D. W7QHO
Glendale, CA
(Running T-368s here for 20 years).

**********

> On Jan 3, 2015, at 3:51 AM, wassink@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:
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>
> Hello Group
>
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> you must change some cable in the deck (i think)
>
> happy new year for you al and have a lot of fun with this nice stuff
>
> Jan Wassink
>
> PA3HCO

Posted by: Dennis DuValll <w7qho@...>
Reply via web post • Reply to sender • Reply to group •

# 6046. Re: [T-368_BC-610] Re: Using an external VFO with a BC-610?

Yahoo group: T-368_BC-610
Date: 2015-01-03 20:44:59 UTC
From: Mark J. Blair
Topic: 6005  Message: 6046

I don’t think it should be necessary to move internal cables to use an external VFO. For CW, I believe that you can simply set the service selector switch to EXT EXC and then inject the desired carrier frequency at the EXT EXC front panel connector. But if you want to transmit AM, then you would instead need to set the service selector switch to FSK-AM and then apply the VFO at the FSK front-panel connector. In the latter case, you are injecting into the multiplier instead of the VFO, so you need to inject the appropriate divided-down frequency. Also, in this mode the EXT EXC connector will be an output from the MO instead of an input to the PA.

If that’s too confusing, I can try re-explaining it… :)

I haven’t tried using an external VFO yet, but it’s on my to-do list. I’m also thinking of seeing if I can slap a vernier drive on the MO tuning knob without making any permanent mods to make it easier to zero-beat accurately.

--
Mark J. Blair, NF6X <nf6x@... <mailto:nf6x@nf6x.net>>
http://www.nf6x.net/ <http://www.nf6x.net/>

# 6047. Re: [T-368_BC-610] Re: Using an external VFO with a BC-610?

Yahoo group: T-368_BC-610
Date: 2015-01-04 17:47:47 UTC
From: wassink@...
Topic: 6005  Message: 6047

Thank You Dennis/Chris/Don/Mark for the reply
First of course the mo of the bc610 is for normal use for amateur not so good .
The PTO of the t368 is musch better and in some transmitters stable (i think)
i have a external dds and i want it to use it with the t368 (mine is also drifty)
Here in europe we have not so many space on the band and some people dont like AM.
Therefore i want to have a stable signal on the t368
I know now that you can connect the t368 on 2 ways
A internal connections for general use
B internal connections for use with radio modulater md-239
i have the md-239 but dont use it and the internal connections is for general use (ext exc on j104)
For Don :::
can you tell us how dit you do it with the dds to the MO?
Thanks
PA3HCO

# 6048. T-3 manufacturers ?

Yahoo group: T-368_BC-610
Date: 2015-01-12 18:41:09 UTC
From: Mike Durff
Topic: 6048  Message: 6048

Hello all:First post. I am the owner of a T-368 exciter/vfo. I was sent some info by Bob NT8W, on a PP 250TH HB transmitter that was built by Joe Bratcher W4RTC  & Bill Decker N4VMY (SK). Included with the info was a large format schematic of the T-3 RF deck. Below the schematic it says: "Figure 73. Am Transmitter, RF deck schematic diagram". To the bottom right of the schematic it is printed TM4000-27. I have downloaded the depot maintenance manual on the T-3 from the BAMA site, TM 11-809-35. Figure 73 in that TM is not the same. This is no big deal, as I can use the one I have to do what I need. I was just curious about the different TMs out there... possibly different manufacturers over the lifetime of the T-3? Was there a primary contractor? On my T-3 exciter there are name plates for Veeder-Root & B&W. TNX, Mike, K4TQF

# 6049. Re: [T-368_BC-610] T-3 manufacturers ?

Yahoo group: T-368_BC-610
Date: 2015-01-12 19:42:50 UTC
From: mac
Topic: 6048  Message: 6049

Mike,

Have no hard information on who designed the T-368 but may have been Barker and Williamson (B & W). Their nameplate appears on the earliest model, the "Basic" (and on some of the later ones as well). The model lineup was Basic, A, C, D, E & F. Detail changes and upgrades as production and model designations (A, C, D, etc.) progressed but all basically the same radio. Manufacturers included B & W, Bendix, Crosley, Stomberg Carlson, Oneida, TRW and Daystrom and there may have been others. What differences are you noting between the two "Figure 73" versions you have. The model letter should be included on each schematic. The Depot maintenance manual you downloaded should have covered all but perhaps the latest models (E & F). Veeder-Root probably manufactured the mechanical frequency read-out on your exciter.

Dennis D. W7QHO
Glendale, CA

**********
On Jan 12, 2015, at 10:41 AM, Mike Durff mike@...
[T-368_BC-610] wrote:

>
> Hello all:
> First post.
> I am the owner of a T-368 exciter/vfo. I was sent some info by Bob
> NT8W, on a PP 250TH HB transmitter that was built by Joe Bratcher
> W4RTC & Bill Decker N4VMY (SK). Included with the info was a large
> format schematic of the T-3 RF deck. Below the schematic it says:
> "Figure 73. Am Transmitter, RF deck schematic diagram". To the
> bottom right of the schematic it is printed TM4000-27. I have
> downloaded the depot maintenance manual on the T-3 from the BAMA
> site, TM 11-809-35. Figure 73 in that TM is not the same.
> This is no big deal, as I can use the one I have to do what I need.
> I was just curious about the different TMs out there... possibly
> different manufacturers over the lifetime of the T-3? Was there a
> primary contractor? On my T-3 exciter there are name plates for
> Veeder-Root & B&W.
> TNX, Mike, K4TQF
>
>

# 6050. Re: [T-368_BC-610] T-3 manufacturers ?

Yahoo group: T-368_BC-610
Date: 2015-01-12 21:44:26 UTC
From: Mike Durff
Topic: 6048  Message: 6050

Dennis:
Yes, I figured  Veeder-Root was a sub-contractor for B&W.
As far as the diagrams... totally different ballpark. A comparable diagram in the BAMA TM 11-809-35, is Fig. 100. The schematics are spread out over several pages in the .PDF. I haven't done a side by side parts comparison. I just found it odd that the TMs would be laid out differently. They probably contain the same basic info...
TNX, MD

# 6051. Re: [T-368_BC-610] T-3 manufacturers ?

Yahoo group: T-368_BC-610
Date: 2015-01-13 01:00:13 UTC
From: mac
Topic: 6048  Message: 6051

The PDF format has requirements all it's own.....

On Jan 12, 2015, at 1:44 PM, Mike Durff mike@...
[T-368_BC-610] wrote:

> I just found it odd that the TMs would be laid out differently.

# 6052. Re: [T-368_BC-610] T-3 manufacturers ?

Yahoo group: T-368_BC-610
Date: 2015-01-13 01:52:37 UTC
From: wa5cab@...
Topic: 6048  Message: 6052

Mike,

The reference is to TM 11-4000, Trouble Shooting and Repair of Radio Equipment. Apparently the edition dated April 02, 1958 if it has a T-368 schematic in it.

The original single-volumn manual on the T-368/URT was TM 11-809 dtd 04/22/1955. In 1958, it was revised to add the -C model and split into three volumns, TM 11-809-10, -20 and -35. In 1961, the basic number was changed to TM 11-5820-258-... but the TM 11-809-10, -20 and -35 were not reissued (which was a little unusual). The only manuals printed with the "long number" format were TM 11-5820-258-20P and -35P. Plus several MWO's. A number of Changes were issued to the short number -10, -20 and -35 to add coverage of the -D and -E models.

B&W (Barker & Williamson) made your T-368. Veeder-Root made things like turns counters and dial mechanisms. So they were a sub-contractor. Several other contractors made one or two letter models but I don't have a list.

FWIW, T-3/FRT nomenclature was assigned, but the contract was canceled before it went into production. Somewhere around here I have it's proposed specs. I can't recall but think it was to be either 5 KW or 10 KW and cover 2-18 MC CW, AM and RATT.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

In a message dated 01/12/2015 12:41:13 PM Central Standard Time, T-368_BC-610@yahoogroups.com writes:
> Hello all:
> First post.
> I am the owner of a T-368 exciter/vfo. I was sent some info by Bob NT8W,
> on a PP 250TH HB transmitter that was built by Joe Bratcher W4RTC & Bill
> Decker N4VMY (SK). Included with the info was a large format schematic of
> the T-3 RF deck. Below the schematic it says: "Figure 73. Am Transmitter, RF
> deck schematic diagram ". To the bottom right of the schematic it is
> printed TM4000-27. I have downloaded the depot maintenance manual on the T-3 from
> the BAMA site, T M 11-809-35. Figure 73 in that TM is not the same.
> This is no big deal, as I can use the one I have to do what I need. I was
> just curious about the different TMs out there... possibly different
> manufacturers over the lifetime of the T-3? Was there a primary contractor? On
> my T-3 exciter there are name plates for Veeder-Root &B&W.
> TNX, Mike, K4TQF
>
>

>
>

# 6053. Re: [T-368_BC-610] T-3 manufacturers ?

Yahoo group: T-368_BC-610
Date: 2015-01-13 04:33:14 UTC
From: wa5cab@...
Topic: 6048  Message: 6053

Dennis,

You left out the T-368B/URT. It is covered in TM 11-809 Change 1. And by
TM 11-809-10, -20 & -35 as originally issued.

In a message dated 01/12/2015 13:42:55 PM Central Standard Time,
T-368_BC-610@yahoogroups.com writes:
> Mike,
>
> Have no hard information on who designed the T-368 but may have been
> Barker and Williamson (B &W). Their nameplate appears on the earliest model,
> the "Basic" (and on some of the later ones as well). The model lineup was
> Basic, A, C, D, E &F. Detail changes and upgrades as production and model
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> Manufacturers included B &W, Bendix, Crosley, Stomberg Carlson, Oneida, TRW and
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> between the two "Figure 73" versions you have. The model letter should be
> included on each schematic. The Depot maintenance manual you downloaded
> should have covered all but perhaps the latest models (E &F). Veeder-Root
> probably manufactured the mechanical frequency read-out on your exciter.
>
> Dennis D. W7QHO
> Glendale, CA
>
> Posted by: mac <w7qho@...>
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

# 6054. Re: [T-368_BC-610] T-3 manufacturers ?

Yahoo group: T-368_BC-610
Date: 2015-01-13 05:04:55 UTC
From: mac
Topic: 6048  Message: 6054

Yep, sure did..... :^(

Dennis D. W7QHO
Glendale, CA

***************
On Jan 12, 2015, at 8:33 PM, wa5cab@... [T-368_BC-610] wrote:

> Dennis,
>
> You left out the T-368B/URT. It is covered in TM 11-809 Change 1.
> And by TM 11-809-10, -20 & -35 as originally issued.
>
> In a message dated 01/12/2015 13:42:55 PM Central Standard Time,
T-368_BC-610@yahoogroups.com
> writes:
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>> Mike,
>>
>> Have no hard information on who designed the T-368 but may have
>> been Barker and Williamson (B &W). Their nameplate appears on the
>> earliest model, the "Basic" (and on some of the later ones as
>> well). The model lineup was Basic, A, C, D, E &F. Detail changes
>> and upgrades as production and model designations (A, C, D, etc.)
>> progressed but all basically the same radio. Manufacturers included
>> B &W, Bendix, Crosley, Stomberg Carlson, Oneida, TRW and Daystrom
>> and there may have been others. What differences are you noting
>> between the two "Figure 73" versions you have. The model letter
>> should be included on each schematic. The Depot maintenance manual
>> you downloaded should have covered all but perhaps the latest
>> models (E &F). Veeder-Root probably manufactured the mechanical
>> frequency read-out on your exciter.
>>
>> Dennis D. W7QHO
>> Glendale, CA
>>
>> Posted by: mac <w7qho@...>
>
>
> Robert Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
>

# 6055. BC-610 Questions

Yahoo group: T-368_BC-610
Date: 2015-01-13 05:31:59 UTC
From: mac
Topic: 6055  Message: 6055

Robert,

Any idea what the output impedance would be for a BC-610 with the
C-388A PA tank coil installed?
This is the 3.5 - 4.5 mHz coil with the FIXED link. Asking the
question in a different way just what value
of non-inductive resistance would one have to attach to the output
terminals to cause the radio to
deliver it's rated output to that resistive load.

Second question .. What kind of lead-in wire/cable/whatever was used
between the receiving whips
and the BC-342 and BC-312 receivers? I can find nothing on this in TM
11-280, -281 or -826.
Something that came pre-installed in the shelters maybe?

We're in the process of putting an SCR-499 together at Ft. MacArthur.

Dennis D. W7QHO
Glendale, CA

# 6056. leads

Yahoo group: T-368_BC-610
Date: 2015-01-13 08:53:35 UTC
From: Alan Morriss
Topic: 6056  Message: 6056

hello dennis, i have a complete and original SCR399 shelter . the leads are installed in it , and are thick rubber covered wire. there is no screening. sometimes when i am testing it in the shed with no antennas , you can receive quite well just on the leads. regarding the output impedance of the BC610 , it is 75 ohms. i use mine mainly with the BC938 coupler. this works very well into the correct whip or a wire of the length specified in the manual. it is not much good for anything else.
i have found that the original feeder with the correct length doublet works well, but using 50 ohm feeder does not. maybe experimenting with the length would improve things. the tank coil gets hot if you are not careful. alan G4GEN

# 6057. T-3 TM

Yahoo group: T-368_BC-610
Date: 2015-01-13 15:17:25 UTC
From: Mike Durff
Topic: 6057  Message: 6057

Robert said:
"The reference is to TM 11-4000, Trouble Shooting and Repair of Radio Equipment. Apparently the edition dated April 02, 1958 if it has a T-368
schematic in it."
Thanks for clearing that up for me. MD

# 6058. Re: [T-368_BC-610] leads

Yahoo group: T-368_BC-610
Date: 2015-01-13 19:39:08 UTC
From: mac
Topic: 6056  Message: 6058

Alan,

OK! Receiver antenna lead-ins came with the shelter and have a
thick, rubber covered format. Reasonable
to assume, then, that they would also have been pre-installed in the
CH-120-A chest in the case of the SCR-499.

And the output Z with the fixed link 75/80 meter coil is 75 ohms,
thank you very much for the information. We are
in the process of assembling an SCR-499 at the Fort MacArthur Museum
in San Pedro, CA. We will be
using a 200 ft. end fed wire antenna there so have constructed our own
custom designed coupler for that installation.

Thank you very much for the information. We have corresponded before.

Dennis DuVall, W7QHO (ex. G5BSW, DA1IN)
Glendale, CA

**********

On Jan 13, 2015, at 12:53 AM, Alan Morriss mohawk@...
[T-368_BC-610] wrote:

> hello dennis, i have a complete and original SCR399 shelter . the
> leads are installed in it , and are thick rubber covered wire. there
> is no screening. sometimes when i am testing it in the shed with no
> antennas , you can receive quite well just on the leads. regarding
> the output impedance of the BC610 , it is 75 ohms. i use mine mainly
> with the BC938 coupler. this works very well into the correct whip
> or a wire of the length specified in the manual. it is not much good
> for anything else.
> i have found that the original feeder with the correct length
> doublet works well, but using 50 ohm feeder does not. maybe
> experimenting with the length would improve things. the tank coil
> gets hot if you are not careful. alan G4GEN
>
>

# 6059. 610

Yahoo group: T-368_BC-610
Date: 2015-01-13 21:25:55 UTC
From: Alan Morriss
Topic: 4367  Message: 6059

hello dennis, i used to use it with a johnson kilowatt matchbox. it worked well into 450 ohm feeder. after a bit i found the matchbox took up too much room , so i stuck with the 939 and a 40 ft wire. alan

# 6060. Re: [T-368_BC-610] leads

Yahoo group: T-368_BC-610
Date: 2015-01-13 21:51:18 UTC
From: wa5cab@...
Topic: 6056  Message: 6060

Alan,

What is the OD of the receiver lead-ins? If it is approximately 0.350" and with a single conductor of #14AWG stranded? If so, then the cord is W-128. Which was used as standard antenna lead-in for all but one of the common vehicular sets.

Dennis,

I started to write last night that the output impedance was 72-75 ohms nominal because I recall once coming across the specs on the short piece of coax between the BC-610 and BC-939. Still haven't located it.

In a message dated 01/13/2015 13:39:13 PM Central Standard Time, T-368_BC-610@yahoogroups.com writes:
> Alan,
>
> OK! Receiver antenna lead-ins came with the shelter and have a thick,
> rubber covered format. Reasonable
> to assume, then, that they would also have been pre-installed in the
> CH-120-A chest in the case of the SCR-499.
>
>
> And the output Z with the fixed link 75/80 meter coil is 75 ohms, thank
> you very much for the information. We are
> in the process of assembling an SCR-499 at the Fort MacArthur Museum in
> San Pedro, CA. We will be
> using a 200 ft. end fed wire antenna there so have constructed our own
> custom designed coupler for that installation.
>
>
> Thank you very much for the information. We have corresponded before.
>
>
> Dennis DuVall, W7QHO (ex. G5BSW, DA1IN)
> Glendale, CA
>
>
> ******************
>
> On Jan 13, 2015, at 12:53 AM, Alan Morriss mohawk@...
> [T-368_BC-610] wrote:
>
> >> hello dennis, i have a complete and original SCR399 shelter . the
>> leads are installed in it , and are thick rubber covered wire. there is no
>> screening. sometimes when i am testing it in the shed with no antennas , you

>> can receive quite well just on the leads. regarding the output impedance
>> of the BC610 , it is 75 ohms. i use mine mainly with the BC938 coupler.
>> this works very well into the correct whip or a wire of the length specified
>> in the manual. it is not much good for anything else.
>> i have found that the original feeder with the correct length doublet
>> works well, but using 50 ohm feeder does not. maybe experimenting with the
>> length would improve things. the tank coil gets hot if you are not careful.
>> alan G4GEN
>>
>>
>>
>>
>
>
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

# 6061. Re: [T-368_BC-610] leads

Yahoo group: T-368_BC-610
Date: 2015-01-14 07:29:52 UTC
From: Roger@...
Topic: 6056  Message: 6061

Robert/Dennis,

A BC-939 parts list I have here lists the coax thus:-

CABLE, RADIO FREQUENCY RG--34 A/U
(Authorized allowances will be a minimum of or a multiple of ft.)

According to various on-line data sheets, RG-34 A/U is 75 Ohm. Here in the UK I use 75 Ohm TV coax, seems to hold up OK, even on 400W. However, if anyone has a surplus length of the RG-34 I'd like to change my cable for the real McCoy.

Dennis, are you going to use a modified BC-939 for your 200ft wire or another type? I have an article by N6PY published in "ER" where he modified a BC-939 to tune a wider range of antennas.

HTH,

Roger/G3VKM

---In T-368_BC-610@yahoogroups.com, <wa5cab@...> wrote :

I started to write last night that the output impedance was 72-75 ohms nominal because I recall once coming across the specs on the short piece of coax between the BC-610 and BC-939. Still haven't located it.

# 6062. Re: [T-368_BC-610] leads

Yahoo group: T-368_BC-610
Date: 2015-01-14 07:38:43 UTC
From: Roger@...
Topic: 6056  Message: 6062

Dennis,

I have put a photo in the "g3vkm" album on the web site showing the interior of a Chest CH-121 with the antenna and speaker leads.

73

Roger/G3VKM

# 6063. leads

Yahoo group: T-368_BC-610
Date: 2015-01-14 10:15:10 UTC
From: Alan Morriss
Topic: 6056  Message: 6063

hello dennis, i would say that is it. the terminals at the base of the whips are the screw ones with a slot for the conductor. alan

# 6064. Re: [T-368_BC-610] leads

Yahoo group: T-368_BC-610
Date: 2015-01-14 18:39:17 UTC
From: mac
Topic: 6056  Message: 6064

Roger,

Building up our own unit using the "SPC" circuit which will match just about anything to anything else. Will send you pictures. I worked with Bill, N6PY, (now deceased) on his BC-610 and the mods to his -939.

It's been a while since we communicated. Hope all is well on your side.

73 es Happy New Year!

Dennis DuVall, W7QHO
Glendale, CA

**********
On Jan 13, 2015, at 11:29 PM, Roger@... [T-368_BC-610] wrote:

> Dennis, are you going to use a modified BC-939 for your 200ft wire
> or another type? I have an article by N6PY published in "ER" where
> he modified a BC-939 to tune a wider range of antennas.

# 6065. Re: [T-368_BC-610] leads

Yahoo group: T-368_BC-610
Date: 2015-01-15 07:59:20 UTC
From: Roger@...
Topic: 6056  Message: 6065

Hi Dennis & HNY for 2015 to you and all the group.

OK, I think the SPC has been copied by several commercial makers both in the Far East and here, so I will read up on it.

All well here; mostly just using the TCS station here but the '610 is ready to use when I can get it to tune into my 120' inverted L.

All the best,

Roger/G3VKM

# 6066. Re: [T-368_BC-610] leads

Yahoo group: T-368_BC-610
Date: 2015-01-15 19:54:41 UTC
From: mac
Topic: 6056  Message: 6066

Roger,

There they are! Gotta be the same in the other chest, thanks.

Dennis D. W7QHO
Glendale, CA

**********
On Jan 13, 2015, at 11:38 PM, Roger@... [T-368_BC-610] wrote:

> Dennis,
>
> I have put a photo in the "g3vkm" album on the web site showing the
> interior of a Chest CH-121 with the antenna and speaker leads.
>
> 73
>
> Roger/G3VKM
>
>

# 6067. Re: [T-368_BC-610] BC-610 Questions

Yahoo group: T-368_BC-610
Date: 2015-01-30 23:42:44 UTC
From: wa5cab@...
Topic: 6055  Message: 6067

Dennis,

If you manage to find a source of Wire W-128, I also need some. I was just about to buy another hundred or two feet from Willy Denninger when he had his stroke or heart attack. I haven't learned what finally happened to him. Or to the stock in his warehouse. I think he had another 500' spool of W-128, among a lot of other stuff.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

In a message dated 01/12/2015 23:32:03 PM Central Standard Time,
T-368_BC-610@yahoogroups.com writes:
> Robert,
>
> Any idea what the output impedance would be for a BC-610 with the
> C-388A PA tank coil installed?
> This is the 3.5 - 4.5 mHz coil with the FIXED link. Asking the
> question in a different way just what value
> of non-inductive resistance would one have to attach to the output
> terminals to cause the radio to
> deliver it's rated output to that resistive load.
>
> Second question .. What kind of lead-in wire/cable/whatever was used
> between the receiving whips
> and the BC-342 and BC-312 receivers? I can find nothing on this in TM
> 11-280, -281 or -826.
> Something that came pre-installed in the shelters maybe?
>
> We're in the process of putting an SCR-499 together at Ft. MacArthur.
>
>
> Dennis D. W7QHO
> Glendale, CA

# 6068. SCR-399 Shelter Rebuild

Yahoo group: T-368_BC-610
Date: 2015-02-06 22:09:25 UTC
From: Roger@...
Topic: 6068  Message: 6068

Hi All,

Mentioned on the SCR-299 Group:-

Take a look at HB9EPC on QRZ.com. He has some great photos of the HO-17 shelter he has rebuilt.You'll have to scroll way down the page to find the relevant bit.

73

Roger/G3VKM

# 6069. Re: For Sale or Trade

Yahoo group: T-368_BC-610
Date: 2015-02-13 19:08:01 UTC
From: clayton38_m@...
Topic: 5796  Message: 6069

Hi Don do you still have the T-368 for sale
Clay
VE5CTM

# 6070. Re: [T-368_BC-610] Re: For Sale or Trade

Yahoo group: T-368_BC-610
Date: 2015-02-13 22:34:29 UTC
From: Don Allison
Topic: 5796  Message: 6070

Well I do and I don't .. I am thinking now on just trying to find someone who has a great old AM radio and amp to trade for it. I don't want to sell it out right because knowing how I am I'll spend the money before I get something to replace it with. But I have no idea on just what would be a good trade for it.

73 Don

On Fri, Feb 13, 2015 at 2:08 PM, clayton38_m@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:

> 
> 
> Hi Don do you still have the T-368 for sale
> 
> Clay
> 
> VE5CTM
> 
> 
> 

# 6071. Re: [T-368_BC-610] Re: For Sale or Trade

Yahoo group: T-368_BC-610
Date: 2015-02-14 13:40:19 UTC
From: Dave Mayfield
Topic: 5796  Message: 6071

They will have to pry my T-368 from my cold dead hands...

My friend Frank W0KH has his t-368 for sale, it is a REAL NICE one. so you will need to armored car to go buy it, but here is the Ad.

http://quadcities.craigslist.org/ele/4884831566.html

On 2/13/2015 4:34 PM, Don Allison wc4don@... [T-368_BC-610] wrote:
> Well I do and I don't .. I am thinking now on just trying to find
> someone who has a great old AM radio and amp to trade for it. I don't
> want to sell it out right because knowing how I am I'll spend the
> money before I get something to replace it with. But I have no idea on
> just what would be a good trade for it.
>
> 73 Don
>
> On Fri, Feb 13, 2015 at 2:08 PM, clayton38_m@...
> <mailto:clayton38_m@...> [T-368_BC-610]
> <T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610@yahoogroups.com>>
> wrote:
>
> Hi Don do you still have the T-368 for sale
>
> Clay
>
> VE5CTM
>
>
>
>
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2012.0.2249 / Virus Database: 4257/8604 - Release Date: 02/13/15
>

--
73 Dave W9WRL
http://www.w9wrl.com/w9wrl
http://www.facebook.com/w9wrl
http://www.facebook.com/qchams
Twitter @w9wrl

# 6072. tx

Yahoo group: T-368_BC-610
Date: 2015-02-14 14:37:52 UTC
From: Alan Morriss
Topic: 4355  Message: 6072

Gosh ! i looked at it. what a beauty. i reckon the price is far too low ! alan G4GEN

# 6073. Re: [T-368_BC-610] Re: For Sale or Trade

Yahoo group: T-368_BC-610
Date: 2015-02-14 18:35:20 UTC
From: mac
Topic: 5796  Message: 6073

Looks very nice but not really a T-368 any more....

Dennis D. W7QHO
Glendale, CA

**********
On Feb 14, 2015, at 5:40 AM, Dave Mayfield wrl@...
[T-368_BC-610] wrote:

> My friend Frank W0KH has his t-368 for sale, it is a REAL NICE one.
> so you will need to armored car to go buy it, but here is the Ad.
>
>
> http://quadcities.craigslist.org/ele/4884831566.html
>

# 6074. Re: [ARC5] Ht-4 Query

Yahoo group: T-368_BC-610
Date: 2015-02-17 22:12:50 UTC
From: clayton38_m@...
Topic: 5984  Message: 6074

Hi Barrie do you still have this HT-4B for sake
Clay
VE5CM

# 6075. T368 For Sale -- Near Chicago

Yahoo group: T-368_BC-610
Date: 2015-03-15 18:37:52 UTC
From: Walter Klinger
Topic: 6075  Message: 6075

I have a Bendix T-368 For Sale.

Bought it from a good guy down in Kentucky who got it reworked by Robert W0VMC

Has a pair of 4-400's in the modulator and a pair of 4-400's in the PA.

The transmitter works well, and I swear is the nicest sounding one that I have ever heard. That's why I bought it in the first place.

PLENTY of power out. A serious transmitter for the serious ham

Comes with a small audio chain and mic.

MUST pick up north of Chicago. Can demo on the air.

With the money that went into the rebuilding of this transmitter -- This is not a fire sale. Looking for a mutually amicable price.

Would prefer to discuss prices and terms over the phone.

708-653-2044

73--Wally W9BEA

# 6076. T-368 parts available

Yahoo group: T-368_BC-610
Date: 2015-03-24 12:55:02 UTC
From: robtram@...
Topic: 6076  Message: 6076

Hello all,
I have a nearly complete T-368 that I am parting out. I was going to restore it but it is missing the exciter , the rear door and the cabinet needs repainting. All other parts are available. If you need anything to restore yours contact me at robtram@sbcglobal.net.

Thanks and 73
Robert K6RAR

# 6077. RE: [T-368_BC-610] T-368 parts available

Yahoo group: T-368_BC-610
Date: 2015-03-24 12:57:52 UTC
From: kd1yt@...
Topic: 6076  Message: 6077

I never thought I'd really want to sell this- but... I have a spare T-368 exciter in 100% clean, un-modded, and intact condition, and if making it available kept one more T-3 in intact operative condition vs. being scattered around as parts, I might actually be more open than I thought to letting it go. I suppose if one parted-out T-3 puts a bunch of other limping, non-functional specimens on the air, that isn't all bad, either.

73
Trevor
KD1YT

-----Original Message-----
From: "robtram@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
Sent: Tuesday, March 24, 2015 8:55am
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] T-368 parts available

Hello all,
I have a nearly complete T-368 that I am parting out. I was going to restore it but it is missing the exciter , the rear door and the cabinet needs repainting. All other parts are available. If you need anything to restore yours contact me at robtram@....

Thanks and 73
Robert K6RAR

# 6078. Re: [T-368_BC-610] T-368 parts available

Yahoo group: T-368_BC-610
Date: 2015-03-24 23:43:41 UTC
From: Dave Mayfield
Topic: 6076  Message: 6078

I agree I sure would hate to see it parted out just because it needs the exciter, they are for sale now and then, and I too have a spare for my T-3 that I would rather keep, but if it is needed to get another one on the air I would sell it.

Dave W9WRL

On 3/24/2015 7:57 AM, kd1yt@... [T-368_BC-610] wrote:
>
> I never thought I'd really want to sell this- but... I have a spare
> T-368 exciter in 100% clean, un-modded, and intact condition, and if
> making it available kept one more T-3 in intact operative condition
> vs. being scattered around as parts, I might actually be more open
> than I thought to letting it go. I suppose if one parted-out T-3 puts
> a bunch of other limping, non-functional specimens on the air, that
> isn't all bad, either.
>
> 73
>
> Trevor
>
> KD1YT
>
> -----Original Message-----
> From: "robtram@... [T-368_BC-610]"
> <T-368_BC-610@yahoogroups.com>
> Sent: Tuesday, March 24, 2015 8:55am
> To: T-368_BC-610@yahoogroups.com
> Subject: [T-368_BC-610] T-368 parts available
>
> Hello all,
> I have a nearly complete T-368 that I am parting out. I was
> going to restore it but it is missing the exciter , the rear door and
> the cabinet needs repainting. All other parts are available. If you
> need anything to restore yours contact me at robtram@....
>
> Thanks and 73
> Robert K6RAR
>
>
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2012.0.2250 / Virus Database: 4257/8862 - Release Date: 03/23/15
>

--
73 Dave W9WRL
http://www.w9wrl.com/w9wrl
http://www.facebook.com/w9wrl
http://www.facebook.com/qchams
Twitter @w9wrl

# 6079. Re: [T-368_BC-610] T-368 parts available

Yahoo group: T-368_BC-610
Date: 2015-03-25 00:59:37 UTC
From: kd1yt@...
Topic: 6076  Message: 6079

I have had one person write to me about the exciter as a possible way to get the T-3 that started this dialogue back on the air, and my mind is open (though with my endemic difficulty of getting rid of fascinating stuff like this- I'd always wanted to use the T-3 exciter for a standalone medium power homebrew rig)--

-- but I am at a total loss as to what would be a fair price to both buyer and seller for a nice-condition original T-3 exciter.

I bought my exciter from Fair Radio in or soon after 1990 when it was a standard item in their catalog; I know that it was definitely not cheap at the time (it was a stretch under my budget at the time), but I don't have any recall of what I paid for it- and not that what I paid really correlates to current anyway

Any suggestions on what would be a fair price for both a buyer and seller of a VFO?

Even if the person or persons who want to put this T-3 that started this discussion on the air can't come up with an original equipment VFO right away- if all that the 'specimen' that started this discussion is missing is the VFO, the back cover, and needing a cabinet repaint- it seems a shame to reduce an otherwise nearly compete T-3 to a diaspora of parts. Back panel could be made 'good enough to wrk' without much trouble, cabinet paint no biggie, and with all of the options that are out there now for digital readout highly accurate DDS VFOs, a (even if a stopgap) DDS VFO subchasis 'styled' to look like 'what A T-3 would've had if it had a digital readout VFO'.... The stock VFO is cool as an example of R-390-like PTO plus permeability tuning with all of the deranged-genius cam train whirling around .... but a modern VFO could probably run rings around it, and the best functional features of a T-3 probably don't depend on the O.E. VFO

-----Original Message-----
From: "Dave Mayfield wrl@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
Sent: Tuesday, March 24, 2015 7:43pm
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] T-368 parts available

I agree I sure would hate to see it parted out just because it needs the exciter, they are for sale now and then, and I too have a spare for my T-3 that I would rather keep, but if it is needed to get another one on the air I would sell it.

Dave W9WRL

On 3/24/2015 7:57 AM, [ kd1yt@... ]( mailto:kd1yt@... ) [T-368_BC-610] wrote:

I never thought I'd really want to sell this- but... I have a spare T-368 exciter in 100% clean, un-modded, and intact condition, and if making it available kept one more T-3 in intact operative condition vs. being scattered around as parts, I might actually be more open than I thought to letting it go. I suppose if one parted-out T-3 puts a bunch of other limping, non-functional specimens on the air, that isn't all bad, either.

73
Trevor
KD1YT

-----Original Message-----
From: [ "robtram@... [T-368_BC-610]" ]( mailto:robtram@...%5BT-368_BC-610%5D ) [
<T-368_BC-610@yahoogroups.com> ]( mailto:T-368_BC-610@yahoogroups.com )
Sent: Tuesday, March 24, 2015 8:55am
To: [ T-368_BC-610@yahoogroups.com ]( mailto:T-368_BC-610@yahoogroups.com )
Subject: [T-368_BC-610] T-368 parts available

Hello all,
I have a nearly complete T-368 that I am parting out. I was going to restore it but it is missing the exciter , the rear door and the cabinet needs repainting. All other parts are available. If you need anything to restore yours contact me at [ robtram@... ]( mailto:robtram@... ).

Thanks and 73
Robert K6RAR

No virus found in this message.
Checked by AVG - [ www.avg.com ]( http://www.avg.com )
Version: 2012.0.2250 / Virus Database: 4257/8862 - Release Date: 03/23/15

-- 73 Dave W9WRL[ http://www.w9wrl.com/w9wrl ]( http://www.w9wrl.com/w9wrl )[
http://www.facebook.com/w9wrl ]( http://www.facebook.com/w9wrl )[
http://www.facebook.com/qchams ]( http://www.facebook.com/qchams )Twitter @w9wrl

# 6080. BC-610-E MWO clarification

Yahoo group: T-368_BC-610
Date: 2015-04-02 11:27:37 UTC
From: littlewoodj@...
Topic: 6080  Message: 6080

Hi all,

I would like to know what the modifications on the following work order are for:-

as per my BC-610-E,

MWO SIG 11-281-2-5-6 (I know what 2 & 5 are for)

MWO SIG 11-4057-1

many thanks James

# 6081. Re: [T-368_BC-610] BC-610-E MWO clarification

Yahoo group: T-368_BC-610
Date: 2015-04-03 18:19:40 UTC
From: wa5cab@...
Topic: 6080  Message: 6081

James,

I do not have the actual MWO's, only the titles.

MWO SIG 11-281-6 Modification of Radio Sets SCR-399-A, and SCR-499-A; To improve operation of High Voltage Control Circuits in Radio Transmitter BC-610-E.

Source SR 310-20-4 of 01 January 1950.

I have a note in my database that says "Interlock Switch Changes", but no reference to source. The BC-610-E schematic in TM 11-310 was not changed as late as Change 8 of 31 July 1947. So I assume that one, two or all three of the interlock switches were replaced with different switches. One of the switches is on the back of the modulator deck, operated by the rear cover. The other two are in the top of the transmitter, operated by opening either access door. The three are electrically in series.

I don't have MWO SIG 11-4057-1 either but located a description in DA PAMPHLET 310-4 dated 19 November 1958.

MWO SIG 11-4057-1 Modification of Radio Transmitters BC-610-E and BC-610-F to reduce plate and screen voltage of buffer-doubler stage.

I would think that the simplest way to achieve this would be to insert a resistor somewhere between L1 and Ch5 / R25. A few ohmmeter tests would confirm or deny this.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

In a message dated 04/02/2015 06:27:41 AM Central Daylight Time, T-368_BC-610@yahoogroups.com writes:
>
> Hi all,
>
> I would like to know what the modifications on the following work order
> are for:-
>
> as per my BC-610-E,
>
> MWO SIG 11-281-2-5-6 (I know what 2 &5 are for)
>
> MWO SIG 11-4057-1
>
> many thanks James

>
> Posted by: littlewoodj@...
>

# 6082. Re: [T-368_BC-610] BC-610-E MWO clarification

Yahoo group: T-368_BC-610
Date: 2015-04-04 06:21:42 UTC
From: Roger@...
Topic: 6080  Message: 6082

I might be able to add some info to the interlock switches issue.

When I acquired my BC-610-E about ten years ago it was missing the two top cover interlocks, although there was a pair of switches in the spares that came with the TX they were the wrong type and didn't fit the cut-outs in the top cover. After discussing the switches on this group, someone sent me some photos of the right type for my TX. So, there were at least two types made and fitted and I do have photos of both, one of which has a part number on it.

James, if you need the photos let me know by e-mail and I'll respond there.

73

Roger/G3VKM

# 6083. Re: [T-368_BC-610] BC-610-E MWO clarification

Yahoo group: T-368_BC-610
Date: 2015-04-07 09:26:29 UTC
From: James Littlewood
Topic: 6080  Message: 6083

Thanks Robert, im in the process of replacing some out of spec parts and have come across a few odd figures, R25 was one of them, spec should be 47k 2W but installed was a 97k 2W. I was expecting one of the MWO's to be installation of SO-239's as mine has them plus the original ceramic fittings.

Many thanks
James

From: "wa5cab@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
Reply-To: <T-368_BC-610@yahoogroups.com>
Date: Friday, 3 April 2015 19:19
To: <T-368_BC-610@yahoogroups.com>
Subject: Re: [T-368_BC-610] BC-610-E MWO clarification

James,

I do not have the actual MWO's, only the titles.

MWO SIG 11-281-6 Modification of Radio Sets SCR-399-A, and SCR-499-A; To improve operation of High Voltage Control Circuits in Radio Transmitter BC-610-E.

Source SR 310-20-4 of 01 January 1950.

I have a note in my database that says "Interlock Switch Changes", but no reference to source. The BC-610-E schematic in TM 11-310 was not changed as late as Change 8 of 31 July 1947. So I assume that one, two or all three of the interlock switches were replaced with different switches. One of the switches is on the back of the modulator deck, operated by the rear cover. The other two are in the top of the transmitter, operated by opening either access door. The three are electrically in series.

I don't have MWO SIG 11-4057-1 either but located a description in DA PAMPHLET 310-4 dated 19 November 1958.

MWO SIG 11-4057-1 Modification of Radio Transmitters BC-610-E and BC-610-F to reduce plate and screen voltage of buffer-doubler stage.

I would think that the simplest way to achieve this would be to insert a resistor somewhere between L1 and Ch5 / R25. A few ohmmeter tests would confirm or deny this.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

In a message dated 04/02/2015 06:27:41 AM Central Daylight Time,
T-368_BC-610@yahoogroups.com writes:
>
> Hi all,
>
> I would like to know what the modifications on the following work order are
> for:-
>
> as per my BC-610-E,
>
> MWO SIG 11-281-2-5-6 (I know what 2 &5 are for)
>
> MWO SIG 11-4057-1
>
> many thanks James
>
> Posted by: littlewoodj@cwgsy.net

# 6084. Re: [T-368_BC-610] BC-610-E MWO clarification

Yahoo group: T-368_BC-610
Date: 2015-04-07 15:47:39 UTC
From: wa5cab@...
Topic: 6080  Message: 6084

James,

A change to R25 would accomplish part of the change described. But it wouldn't change the plate voltage. I take it that you did not find an additional resistor in that general vicenity? Another possibility would have been to move the primary tap on T4 from the 100V to the 115V tap. However, that would also reduce the voltage to the MO and the IPA.

I don't know what the deal is with the SO-239. I think that shows up on the schematic for T-213/GRC-26, but the T-213's were all converted from -F and later models. And before anyone says that the source was only -I models, I once bought three T-213's still in the depot crates. From the transformers, one had definitely been an -F. Anyway, the earliest MWO listing that I have is in FM 21-6, dtd 1946 (I also have partial copies of three earlier ones but whomever copied them did not copy the TM and MWO pages). The 1946 edition only lists MWO 11-281-2, -5, -6, -9 & -10. This is the same as listed all the way up through at least 1958 in DA PAM 310-4. So I can't say what happened to the missing numbers. It is also possible that your transmitter was modified by someone other than the Signal Corps.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

In a message dated 04/07/2015 04:26:38 AM Central Daylight Time,
T-368_BC-610@yahoogroups.com writes:
>
> Thanks Robert, im in the process of replacing some out of spec parts and
> have come across a few odd figures, R25 was one of them, spec should be 47k
> 2W but installed was a 97k 2W. I was expecting one of the MWO's to be
> installation of SO-239's as mine has them plus the original ceramic fittings.
>
>
>
> Many thanks
> James
>
>
> From: "wa5cab@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
> Reply-To: <T-368_BC-610@yahoogroups.com>
> Date: Friday, 3 April 2015 19:19
> To: <T-368_BC-610@yahoogroups.com>
> Subject: Re: [T-368_BC-610] BC-610-E MWO clarification
>
>
>

> James,
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> I do not have the actual MWO's, only the titles.
>
> MWO SIG 11-281-6 Modification of Radio Sets SCR-399-A, and SCR-499-A; To
> improve operation of High Voltage Control Circuits in Radio Transmitter
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>
> MWO SIG 11-4057-1 Modification of Radio Transmitters BC-610-E and BC-610-F
> to reduce plate and screen voltage of buffer-doubler stage.
>
> I would think that the simplest way to achieve this would be to insert a
> resistor somewhere between L1 and Ch5 / R25. A few ohmmeter tests would
> confirm or deny this.
>
> Robert Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
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> >>
>> Hi all,
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>> I would like to know what the modifications on the following work order
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>>
>> as per my BC-610-E,
>>
>> MWO SIG 11-281-2-5-6 (I know what 2 &5 are for)
>>
>> MWO SIG 11-4057-1
>>
>> many thanks James
>>

>> Posted by: littlewoodj@...
>>
>
> Posted by: James Littlewood <littlewoodj@...>
>

# 6085. T-3 AC power input requirements

Yahoo group: T-368_BC-610
Date: 2015-04-12 01:59:43 UTC
From: commtekman@...
Topic: 6085  Message: 6085

Hi all,

I am having a new work shop, ham shack being built. What is the recommended 120V breaker for the T-3? I think one of my manuals indicates it may draw 2200 watts on AM.
The T-3 is an E model.

Thanks,
Bob K6OSM

# 6086. Re: [T-368_BC-610] T-3 AC power input requirements

Yahoo group: T-368_BC-610
Date: 2015-04-12 02:21:46 UTC
From: K7iou1
Topic: 6085  Message: 6086

20A
73

David

On Apr 11, 2015, at 6:59 PM, "commtekman@... [T-368_BC-610]"
<T-368_BC-610@yahoogroups.com> wrote:

Hi all,

I am having a new work shop, ham shack being built. What is the recommended 120V breaker for the T-3? I think one of my manuals indicates it may draw 2200 watts on AM.
The T-3 is an E model.

Thanks,
Bob K6OSM

# 6087. Re: [T-368_BC-610] T-3 AC power input requirements

Yahoo group: T-368_BC-610
Date: 2015-04-12 04:05:18 UTC
From: commtekman@...
Topic: 6085  Message: 6087

David,
Thanks for the info-

73 Bob

In a message dated 4/11/2015 7:22:05 P.M. Pacific Daylight Time,
T-368_BC-610@yahoogroups.com writes:

20A
73

David

On Apr 11, 2015, at 6:59 PM, "_commtekman@..._
(mailto:commtekman@...) [T-368_BC-610]" <_T-368_BC-610@yahoogroups.com_
(mailto:T-368_BC-610@yahoogroups.com) > wrote:

Hi all,

I am having a new work shop, ham shack being built. What is the
recommended 120V breaker for the T-3? I think one of my manuals indicates it may
draw 2200 watts on AM.
The T-3 is an E model.

Thanks,
Bob K6OSM

# 6088. Re: [T-368_BC-610] T-3 AC power input requirements

Yahoo group: T-368_BC-610
Date: 2015-04-12 05:28:13 UTC
From: K7iou1
Topic: 6085  Message: 6088

Make sure it's dedicated circuit for the T3

David
k7iou1@...

On Apr 11, 2015, at 9:05 PM, "commtekman@... [T-368_BC-610]"
<T-368_BC-610@yahoogroups.com> wrote:

David,
Thanks for the info-

73 Bob

In a message dated 4/11/2015 7:22:05 P.M. Pacific Daylight Time,
T-368_BC-610@yahoogroups.com writes:

20A
73

David

On Apr 11, 2015, at 6:59 PM, "commtekman@... [T-368_BC-610]"
<T-368_BC-610@yahoogroups.com> wrote:

Hi all,

I am having a new work shop, ham shack being built. What is the recommended 120V breaker for the T-3? I think one of my manuals indicates it may draw 2200 watts on AM.
The T-3 is an E model.

Thanks,
Bob K6OSM

# 6089. Re: [T-368_BC-610] T-3 AC power input requirements

Yahoo group: T-368_BC-610
Date: 2015-04-12 21:27:25 UTC
From: Don Allison
Topic: 6085  Message: 6089

When I bought my T3 it came with a 220 volt transformer that dropped the voltage down to 110 @ 30 amps .. it needs a 30 amp line and most homes as you know run 15 and 20 amp circuits so either put in a heavy duty line just for the T3 or get the transformer. I'd run a line myself because the transformer is always drawing power even if the T3 is off ..

73 Don WC4D

On Sat, Apr 11, 2015 at 9:59 PM, commtekman@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:

> 
> 
> Hi all,
> 
> I am having a new work shop, ham shack being built. What is the
> recommended 120V breaker for the T-3? I think one of my manuals indicates
> it may draw 2200 watts on AM.
> The T-3 is an E model.
> 
> Thanks,
> Bob K6OSM
> 
> 
> 

# 6090. Re: [T-368_BC-610] T-3 AC power input requirements

Yahoo group: T-368_BC-610
Date: 2015-04-12 21:42:13 UTC
From: commtekman@...
Topic: 6085  Message: 6090

Ok Don, great advice. I will be having the electrician run a four wire 30 amp
service just for the T3. BTW, when I purchased this T3 from a ham in Idaho
he also had a military caged transformer with multiple taps on top, it
will provide large current outputs, I purchased this xmfr from him and still have it
available, it is really heavy. The output with a 120 input goes up to 480-
Bob

In a message dated 4/12/2015 2:27:28 P.M. Pacific Daylight Time,
T-368_BC-610@yahoogroups.com writes:

When I bought my T3 it came with a 220 volt transformer that dropped the
voltage down to 110 @ 30 amps .. it needs a 30 amp line and most homes as
you know run 15 and 20 amp circuits so either put in a heavy duty line just
for the T3 or get the transformer. I'd run a line myself because the
transformer is always drawing power even if the T3 is off ..

73 Don WC4D

On Sat, Apr 11, 2015 at 9:59 PM, _commtekman@..._
(mailto:commtekman@...) [T-368_BC-610] <_T-368_BC-610@yahoogroups.com_
(mailto:T-368_BC-610@yahoogroups.com) > wrote:

Hi all,

I am having a new work shop, ham shack being built. What is the
recommended 120V breaker for the T-3? I think one of my manuals indicates it may
draw 2200 watts on AM.
The T-3 is an E model.

Thanks,
Bob K6OSM

# 6091. Re: [T-368_BC-610] T-3 AC power input requirements

Yahoo group: T-368_BC-610
Date: 2015-04-12 21:57:41 UTC
From: K7iou1
Topic: 6085  Message: 6091

30A is overkill. Draws 19.8A @ 120V
Check you line voltage.

David

On Apr 12, 2015, at 2:42 PM, "commtekman@... [T-368_BC-610]"
<T-368_BC-610@yahoogroups.com> wrote:

Ok Don, great advice. I will be having the electrician run a four wire 30 amp service just for the T3. BTW, when I purchased this T3 from a ham in Idaho he also had a military caged transformer with multiple taps on top, it will provide large current outputs, I purchased this xmfr from him and still have it available, it is really heavy. The output with a 120 input goes up to 480-
Bob

In a message dated 4/12/2015 2:27:28 P.M. Pacific Daylight Time,
T-368_BC-610@yahoogroups.com writes:

When I bought my T3 it came with a 220 volt transformer that dropped the voltage down to 110 @ 30 amps .. it needs a 30 amp line and most homes as you know run 15 and 20 amp circuits so either put in a heavy duty line just for the T3 or get the transformer. I'd run a line myself because the transformer is always drawing power even if the T3 is off ..

73 Don WC4D

> On Sat, Apr 11, 2015 at 9:59 PM, commtekman@... [T-368_BC-610]
<T-368_BC-610@yahoogroups.com> wrote:
>
>
> Hi all,
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> I am having a new work shop, ham shack being built. What is the recommended 120V breaker for the T-3? I think one of my manuals indicates it may draw 2200 watts on AM.
> The T-3 is an E model.
>
> Thanks,
> Bob K6OSM

# 6092. Re: [T-368_BC-610] T-3 AC power input requirements

Yahoo group: T-368_BC-610
Date: 2015-04-12 22:18:21 UTC
From: Rodger Hough
Topic: 6085  Message: 6092

While the four wire 240 single phase circuit is a great idea to run in case you want to run a 240 linear sometimes, you'll only need one leg of that for the T-368 and it can be fused at 20 amps. I've run my T-368 for several years on a 20amp/120V circuit which almost one hundred feet of 12/3 copper from the service entrance to the rig. That circuit also powered the R-390A and some other small items. My rig would put out over 400 watts on AM but I usually throttle it back to about 350. I miss the rig.
73 Rodger K1HH

On Apr 12, 2015, at 5:42 PM, commtekman@... [T-368_BC-610] wrote:

>
> Ok Don, great advice. I will be having the electrician run a four wire 30 amp
> service just for the T3. BTW, when I purchased this T3 from a ham in Idaho
> he also had a military caged transformer with multiple taps on top, it will provide large current outputs, I purchased this xmfr from him and still have it
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> Bob
>
>
> In a message dated 4/12/2015 2:27:28 P.M. Pacific Daylight Time, T-368_BC-610@yahoogroups.com writes:
>
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> When I bought my T3 it came with a 220 volt transformer that dropped the voltage down to 110 @ 30 amps .. it needs a 30 amp line and most homes as you know run 15 and 20 amp circuits so either put in a heavy duty line just for the T3 or get the transformer. I'd run a line myself because the transformer is always drawing power even if the T3 is off ..
>
> 73 Don WC4D
>
> On Sat, Apr 11, 2015 at 9:59 PM, commtekman@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:
>
>
> Hi all,
>
> I am having a new work shop, ham shack being built. What is the recommended 120V breaker for the T-3? I think one of my manuals indicates it may draw 2200 watts on AM.
> The T-3 is an E model.
>
> Thanks,
> Bob K6OSM
>
>
>
>
>
>
>

# 6093. Re: [T-368_BC-610] T-3 AC power input requirements

Yahoo group: T-368_BC-610
Date: 2015-04-13 00:11:59 UTC
From: commtekman@...
Topic: 6085  Message: 6093

Rodger,
FB on the info. I am trying to think ahead on this as once the wall covering is
in place it won't be easy to change or modify. This rig is the E model made by
Bendix and near as I can tell it has not been modified by anyone.

Like you, I have too many R-390, R-390A, and R-389 and R-391. It seemed years ago when this stuff was available I couldn't help myself from buying, guess I need a support group of some kind~
Bob

In a message dated 4/12/2015 3:18:25 P.M. Pacific Daylight Time, T-368_BC-610@yahoogroups.com writes:

While the four wire 240 single phase circuit is a great idea to run in case you want to run a 240 linear sometimes, you'll only need one leg of that for the T-368 and it can be fused at 20 amps. I've run my T-368 for several years on a 20amp/120V circuit which almost one hundred feet of 12/3 copper from the service entrance to the rig. That circuit also powered the R-390A and some other small items. My rig would put out over 400 watts on AM but I usually throttle it back to about 350. I miss the rig.
73 Rodger K1HH

On Apr 12, 2015, at 5:42 PM, _commtekman@..._ (mailto:commtekman@...) [T-368_BC-610] wrote:

Ok Don, great advice. I will be having the electrician run a four wire 30 amp
service just for the T3. BTW, when I purchased this T3 from a ham in Idaho
he also had a military caged transformer with multiple taps on top, it will provide large current outputs, I purchased this xmfr from him and still have it
available, it is really heavy. The output with a 120 input goes up to 480-
Bob

In a message dated 4/12/2015 2:27:28 P.M. Pacific Daylight Time, _T-368_BC-610@yahoogroups.com_ (mailto:T-368_BC-610@yahoogroups.com) writes:

When I bought my T3 it came with a 220 volt transformer that dropped the voltage down to 110 @ 30 amps .. it needs a 30 amp line and most homes as you know run 15 and 20 amp circuits so either put in a heavy duty line just for the T3 or get the transformer. I'd run a line myself because the transformer is always drawing power even if the T3 is off ..

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On Sat, Apr 11, 2015 at 9:59 PM, _commtekman@..._
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The T-3 is an E model.

Thanks,
Bob K6OSM

# 6094. Re: [T-368_BC-610] BC-610-E MWO clarification

Yahoo group: T-368_BC-610
Date: 2015-04-13 11:53:50 UTC
From: James Littlewood
Topic: 6080  Message: 6094

Hi Robert

I found no other resister or modification other than the one I have attached, some resisters differ in value for example R2 is 4k Ohms, should be 5k Ohms I assume that¹s what they had to hand rather than a mod? T4 primary was as you indicated on 115v, what would the significancy of this to the function of the TX?

Cheers James

From: "wa5cab@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
Reply-To: <T-368_BC-610@yahoogroups.com>
Date: Tuesday, 7 April 2015 16:47
To: <T-368_BC-610@...m>
Subject: Re: [T-368_BC-610] BC-610-E MWO clarification

James,

A change to R25 would accomplish part of the change described. But it wouldn't change the plate voltage. I take it that you did not find an additional resistor in that general vicenity? Another possibility would have been to move the primary tap on T4 from the 100V to the 115V tap. However, that would also reduce the voltage to the MO and the IPA.

I don't know what the deal is with the SO-239. I think that shows up on the schematic for T-213/GRC-26, but the T-213's were all converted from -F and later models. And before anyone says that the source was only -I models, I once bought three T-213's still in the depot crates. From the transformers, one had definitely been an -F. Anyway, the earliest MWO listing that I have is in FM 21-6, dtd 1946 (I also have partial copies of three earlier ones but whomever copied them did not copy the TM and MWO pages). The 1946 edition only lists MWO 11-281-2, -5, -6, -9 & -10. This is the same as listed all the way up through at least 1958 in DA PAM 310-4. So I can't say what happened to the missing numbers. It is also possible that your transmitter was modified by someone other than the Signal Corps.

Robert Downs - Houston
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In a message dated 04/07/2015 04:26:38 AM Central Daylight Time,
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> Thanks Robert, im in the process of replacing some out of spec parts and have
> come across a few odd figures, R25 was one of them, spec should be 47k 2W but
> installed was a 97k 2W. I was expecting one of the MWO's to be installation
> of SO-239's as mine has them plus the original ceramic fittings.

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>
> Many thanks
> James

From: "wa5cab@... <mailt%0D%0A%20o:wa5cab@...> [T-368_BC-610]"
<T-368_BC-610@yahoogroups.com>
Reply-To: <T-368_BC-610@yahoogroups.com>
Date: Friday, 3 April 2015 19:19
To: <T-368_BC-610@yahoogroups.com>
Subject: Re: [T-368_BC-610] BC-610-E MWO clarification

[Non-text portions of this message have been removed]

# 6095. Re: [T-368_BC-610] BC-610-E MWO clarification

Yahoo group: T-368_BC-610
Date: 2015-04-13 16:00:22 UTC
From: wa5cab@...
Topic: 6080  Message: 6095

James,

Pleas recheck specifically R3 (15K). R6 & 7 (20K) and R24 (500). Is R3 actually 4K or perhaps 4.7K? And confirm R25 as 97K and not 91K or 100K. 97K (actually 97.6K) would be an EIA 1% value.

In any case, there would be no change in the operation of the 6V6 oscillator as its plate and screen voltages are regulated at 300 and 150 VDC by the three 0D3's. Power input to the 6L6 buffer-doubler would be decreased around 20% and power output of the 807 IPA's would decrease. As the output power of the 250-TH was supposed to be set by loading to a specific plate current, at least on the lower frequencies I wouldn't expect any net decrease in standard output power from the transmitter. Ham's tend to load everything for maximum smoke (one reason for ICAS ratings), and the maximum smoke capability may have decreased. But that depends upon whether the exciter had excess drive capability before the MWO. Which I don't know the answer to. But the short answer is that the transmitter probably still produced the same rated (not maximum) output power with less input power.

In a message dated 04/13/2015 06:54:25 AM Central Daylight Time, T-368_BC-610@yahoogroups.com writes:
> Hi Robert
>
> I found no other resister or modification other than the one I have
> attached, some resisters differ in value for example R2 is 4k Ohms, should
> be 5k Ohms I assume that¹s what they had to hand rather than a mod? T4
> primary was as you indicated on 115v, what would the significancy of this
> to
> the function of the TX?
>
> Cheers James
>
>
>
>
> From: "wa5cab@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
> Reply-To: <T-368_BC-610@yahoogroups.com>
> Date: Tuesday, 7 April 2015 16:47
> To: <T-368_BC-610@yahoogroups.com>
> Subject: Re: [T-368_BC-610] BC-610-E MWO clarification
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> James,
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> what happened to the missing numbers. It is also possible that your
> transmitter was modified by someone other than the Signal Corps.
>
> Robert Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
> In a message dated 04/07/2015 04:26:38 AM Central Daylight Time,
> T-368_BC-610@yahoogroups.com writes:
> >
> >Thanks Robert, im in the process of replacing some out of spec parts and
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> >
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> >Many thanks
> >James
>
>
> From: "wa5cab@... <mailt%0D%0A%20o:wa5cab@...> [T-368_BC-610]"
> <T-368_BC-610@yahoogroups.com>
> Reply-To: <T-368_BC-610@yahoogroups.com>
> Date: Friday, 3 April 2015 19:19

> To: <T-368_BC-610@yahoogroups.com>
> Subject: Re: [T-368_BC-610] BC-610-E MWO clarification
>
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>
> [Non-text portions of this message have been removed]
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> ------------------------------------
> Posted by: James Littlewood <littlewoodj@...>
> ------------------------------------
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

# 6096. Re: [T-368_BC-610] BC-610-E MWO clarification

Yahoo group: T-368_BC-610
Date: 2015-04-14 10:31:22 UTC
From: James Littlewood
Topic: 6080  Message: 6096

Hi Robert

I have re-checked, R3 is (15.5k), R6 & 7 (20k) R24 (500). R2 (4k). R25 was 97k however per my manual TM 11-826 dated 52 the value for this resister is 47k 2watt so I replaced the 97k for the correct spec value, is the manual incorrect? Would this difference in value cause me issues?

Cheers James

From: "wa5cab@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
Reply-To: <T-368_BC-610@yahoogroups.com>
Date: Monday, 13 April 2015 17:00
To: <T-368_BC-610@yahoogroups.com>
Subject: Re: [T-368_BC-610] BC-610-E MWO clarification

James,

Pleas recheck specifically R3 (15K). R6 & 7 (20K) and R24 (500). Is R3 actually 4K or perhaps 4.7K? And confirm R25 as 97K and not 91K or 100K. 97K (actually 97.6K) would be an EIA 1% value.

In any case, there would be no change in the operation of the 6V6 oscillator as its plate and screen voltages are regulated at 300 and 150 VDC by the three 0D3's. Power input to the 6L6 buffer-doubler would be decreased around 20% and power output of the 807 IPA's would decrease. As the output power of the 250-TH was supposed to be set by loading to a specific plate current, at least on the lower frequencies I wouldn't expect any net decrease in standard output power from the transmitter. Ham's tend to load everything for maximum smoke (one reason for ICAS ratings), and the maximum smoke capability may have decreased. But that depends upon whether the exciter had excess drive capability before the MWO. Which I don't know the answer to. But the short answer is that the transmitter probably still produced the same rated (not maximum) output power with less input power.

In a message dated 04/13/2015 06:54:25 AM Central Daylight Time, T-368_BC-610@yahoogroups.com writes:
> Hi Robert
>
> I found no other resister or modification other than the one I have
> attached, some resisters differ in value for example R2 is 4k Ohms, should
> be 5k Ohms I assume that¹s what they had to hand rather than a mod? T4
> primary was as you indicated on 115v, what would the significancy of this to
> the function of the TX?
>
> Cheers James
>
>

>
>
> From: "wa5cab@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
> Reply-To: <T-368_BC-610@yahoogroups.com>
> Date: Tuesday, 7 April 2015 16:47
> To: <T-368_BC-610@yahoogroups.com>
> Subject: Re: [T-368_BC-610] BC-610-E MWO clarification
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>
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> Date: Friday, 3 April 2015 19:19
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>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
> Posted by: James Littlewood <littlewoodj@...>
> ------------------------------------

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

# 6097. Re: [T-368_BC-610] BC-610-E MWO clarification

Yahoo group: T-368_BC-610
Date: 2015-04-14 16:02:45 UTC
From: wa5cab@...
Topic: 6080  Message: 6097

James,

Are those measured values (actual as-found) or marked values?

In a message dated 04/14/2015 05:31:29 AM Central Daylight Time,
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> To: <T-368_BC-610@yahoogroups.com>
> Subject: Re: [T-368_BC-610] BC-610-E MWO clarification
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> oscillator as its plate and screen voltages are regulated at 300 and 150 VDC by the
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> around 20% and power output of the 807 IPA's would decrease. As the output
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>> From: "wa5cab@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
>> Reply-To: <T-368_BC-610@yahoogroups.com>
>> Date: Tuesday, 7 April 2015 16:47
>> To: <T-368_BC-610@yahoogroups.com>
>> Subject: Re: [T-368_BC-610] BC-610-E MWO clarification
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>> Date: Friday, 3 April 2015 19:19
>> To: <T-368_BC-610@yahoogroups.com>
>> Subject: Re: [T-368_BC-610] BC-610-E MWO clarification
>>
>> [Non-text portions of this message have been removed]
>> ------------------------------------
>> Posted by: James Littlewood <littlewoodj@...>
>>
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

# 6098. Re: [T-368_BC-610] BC-610-E MWO clarification

Yahoo group: T-368_BC-610
Date: 2015-04-14 16:08:28 UTC
From: James Littlewood
Topic: 6080  Message: 6098

Hi Robert

Actual as found.

Cheers
James

Sent from my iPhone

> On 14 Apr 2015, at 17:02, wa5cab@... [T-368_BC-610] <T-368_BC-610@...m> wrote:
>
> James,
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>> primary was as you indicated on 115v, what would the significancy of this to
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>> From: "wa5cab@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
>> Reply-To: <T-368_BC-610@yahoogroups.com>
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>> To: <T-368_BC-610@yahoogroups.com>
>> Subject: Re: [T-368_BC-610] BC-610-E MWO clarification
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>> Subject: Re: [T-368_BC-610] BC-610-E MWO clarification
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>> [Non-text portions of this message have been removed]
>> ------------------------------------
>> Posted by: James Littlewood <littlewoodj@...>
>
>
>
> Robert & Susan Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>

# 6099. Re: [T-368_BC-610] BC-610-E MWO clarification

Yahoo group: T-368_BC-610
Date: 2015-04-14 17:12:53 UTC
From: wa5cab@...
Topic: 6080  Message: 6099

OK. When this thread started, I assumed that you were quoting marked values. What was the marked value on R-25?

Read Note 3 on Fig. 76 (BC-610-E Schematic Diagram) in TM 11-826. It says that in BC-610-E's modified by MWO 11-4057-1, there is a 2K resistor between R-25 and TS2 Terminal 9. The wiring diagram (Figure 84) shows one wire running from TS2 Terminal 9 to junction of R25 & CH5. So it isn't clear whether R36 is added in the wire betweenTerminal 9 and the junction or whether R25 was removed from the junction and R36 tied to it and the junction. There is no mention of moving the primary tap on T4.

Also, Note 2 and the dotted lines on Figure 76 explain MWO 11-281-6 and imply that it only applied to 30204-PHILA-43 Serial Numbers below 5191.

Finally, the original marked value on R25 was 50M (M was used until around 1945 to mean "X 1000"). On later schematics is is shown as 47K. It is possible that R36 was added only in series with R25 to get the value back up to 49K. Which still doesn't have anything to do with the buffer-doubler plate voltage???

In a message dated 04/14/2015 11:08:32 AM Central Daylight Time,
T-368_BC-610@yahoogroups.com writes:
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> Actual as found.
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> Cheers
> James
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> Sent from my iPhone
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Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

# 6100. Re: [T-368_BC-610] BC-610-E MWO clarification

Yahoo group: T-368_BC-610
Date: 2015-04-15 09:25:33 UTC
From: James Littlewood
Topic: 6080  Message: 6100

Robert,

Attached is what I removed from R25 position its labelled green, black, orange so I guess it shows what you have explained, they didn¹t add a 2k in series they replaced R25 with a 50k 2watt, to keep as per MWO I will replace the new 47k with a 50k.

The order No. on my TX is 26804-PHILA-44.07 Serial No. 33 Made by C.D.T

Many thanks
James

From: "wa5cab@cs.com [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
Reply-To: <T-368_BC-610@yahoogroups.com>
Date: Tuesday, 14 April 2015 18:12
To: <T-368_BC-610@yahoogroups.com>
Subject: Re: [T-368_BC-610] BC-610-E MWO clarification

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Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

[Non-text portions of this message have been removed]

# 6101. Re: [T-368_BC-610] T-3 AC power input requirements

Yahoo group: T-368_BC-610
Date: 2015-04-16 20:29:57 UTC
From: Joe Foley
Topic: 6085  Message: 6101

I'd go with the 30 amp circuit.  The Code says if the load runs for 3 hours it should only be rated at 80% which puts it at a 30 amp circuit.
Joe

On Sunday, April 12, 2015 5:27 PM, "Don Allison wc4don@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com> wrote:

When I bought my T3 it came with a 220 volt transformer that dropped the voltage down to 110 @ 30 amps .. it needs a 30 amp line and most homes as you know run 15 and 20 amp circuits so either put in a heavy duty line just for the T3 or get the transformer. I'd run a line myself because the transformer is always drawing power even if the T3 is off ..
73 Don WC4D
On Sat, Apr 11, 2015 at 9:59 PM, commtekman@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:

Hi all, I am having a new work shop, ham shack being built. What is the recommended 120V breaker for the T-3?  I think one of my manuals indicates it may draw 2200 watts on AM.The T-3 is an E model. Thanks,Bob K6OSM

# 6102. on, ready, but not key down T-3 AC power input requirements

Yahoo group: T-368_BC-610
Date: 2015-04-16 20:44:01 UTC
From: kd1yt@...
Topic: 6085  Message: 6102

While on the topic of T-3 power draw....

Anyone happen to know what the approximate actual power consumption is during times when the rig is _ready_ to be keyed for AM transmit, but not actually keyed?

I don't yet have my T-3E airworthy (I am afflicted or blessed, depending on how you look at it, with fun projects that multiply faster than free time)...

...but, I live in a location where my electric cooperative has ferociously high electric rates [21 cents/ kwh] and I sometimes dread what my power bill will do when I do get the T-3 on the air if I spend significant time (even without carrier key-down at large portions of time) operating with it.

73
KD1YT

-----Original Message-----
From: "Joe Foley redmenaced@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
Sent: Thursday, April 16, 2015 4:29pm
To: "T-368_BC-610@yahoogroups.com" <T-368_BC-610@yahoogroups.com>
Subject: Re: [T-368_BC-610] T-3 AC power input requirements

I'd go with the 30 amp circuit. The Code says if the load runs for 3 hours it should only be rated at 80% which puts it at a 30 amp circuit.
Joe

On Sunday, April 12, 2015 5:27 PM, "Don Allison wc4don@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com> wrote:

When I bought my T3 it came with a 220 volt transformer that dropped the voltage down to 110 @ 30 amps .. it needs a 30 amp line and most homes as you know run 15 and 20 amp circuits so either put in a heavy duty line just for the T3 or get the transformer. I'd run a line myself because the transformer is always drawing power even if the T3 is off ..
73 Don WC4D

On Sat, Apr 11, 2015 at 9:59 PM, [ commtekman@... ]( mailto:commtekman@... ) [T-368_BC-610] <[ T-368_BC-610@yahoogroups.com ]( mailto:T-368_BC-610@yahoogroups.com )> wrote:

Hi all,

I am having a new work shop, ham shack being built. What is the recommended 120V breaker for the T-3? I think one of my manuals indicates it may draw 2200 watts on AM.
The T-3 is an E model.

Thanks,
Bob K6OSM

# 6103. Re: [T-368_BC-610] on, ready, but not key down T-3 AC power input requirements

Yahoo group: T-368_BC-610
Date: 2015-04-17 01:00:45 UTC
From: commtekman@...
Topic: 6085  Message: 6103

Joe,
Thanks for weighing in on this, the electrical contractor will be here in the morning to start
the wiring and I will go with the 30 amp circuit-
Bob

In a message dated 4/16/2015 1:44:05 P.M. Pacific Daylight Time, T-368_BC-610@yahoogroups.com writes:

While on the topic of T-3 power draw....
Anyone happen to know what the approximate actual power consumption is during times when the rig is _ready_ to be keyed for AM transmit, but not actually keyed?
I don't yet have my T-3E airworthy (I am afflicted or blessed, depending on how you look at it, with fun projects that multiply faster than free time)...
...but, I live in a location where my electric cooperative has ferociously high electric rates [21 cents/ kwh] and I sometimes dread what my power bill will do when I do get the T-3 on the air if I spend significant time (even without carrier key-down at large portions of time) operating with it.
73
KD1YT
-----Original Message-----
From: "Joe Foley redmenaced@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
Sent: Thursday, April 16, 2015 4:29pm
To: "T-368_BC-610@yahoogroups.com" <T-368_BC-610@yahoogroups.com>
Subject: Re: [T-368_BC-610] T-3 AC power input requirements

I'd go with the 30 amp circuit. The Code says if the load runs for 3 hours it should only be rated at 80% which puts it at a 30 amp circuit.
Joe

On Sunday, April 12, 2015 5:27 PM, "Don Allison wc4don@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com> wrote:

When I bought my T3 it came with a 220 volt transformer that dropped the voltage down to 110 @ 30 amps .. it needs a 30 amp line and most homes as you know run 15 and 20 amp circuits so either put in a heavy duty line just for the T3 or get the transformer. I'd run a line myself because the transformer is always drawing power even if the T3 is off ..
73 Don WC4D

On Sat, Apr 11, 2015 at 9:59 PM, _commtekman@..._ (mailto:commtekman@...) [T-368_BC-610] <_T-368_BC-610@yahoogroups.com_

(mailto:T-368_BC-610@yahoogroups.com) > wrote:

Hi all,

I am having a new work shop, ham shack being built. What is the
recommended 120V breaker for the T-3? I think one of my manuals indicates it may
draw 2200 watts on AM.
The T-3 is an E model.

Thanks,
Bob K6OSM

# 6104. Interference generator question

Yahoo group: T-368_BC-610
Date: 2015-04-17 06:15:46 UTC
From: commtekman@...
Topic: 6104  Message: 6104

Hi all,

I have a question concerning an item that was apparently used with the T3 at various times,
it is shown on page 2 of TM 11-809-10. Page 2 of this TM shows it on a shelf directly above
a work bench. This item is identified as: Generator, Interference, MD-22D/URA-T1 and was
made by Columbus Electronics on Order # 07181-PP-59. I have been searching for a
TM for this item with no luck, anyone know anything about this item as to it's usage and
what TM would cover it's operation?

Thanks
Bob K6OSM

# 6105. Re: [T-368_BC-610] Interference generator question

Yahoo group: T-368_BC-610
Date: 2015-04-17 22:32:27 UTC
From: wa5cab@...
Topic: 6104  Message: 6105

Bob,

MD-22D/URA-T1 is part of AN/URA-T1X Manuals that cover it are TM 11-2509A with Changes 1 through 4. Or TM 11-6940-203-12, -35 and -35P. I do not have the -12 or the -35P. I have one original of the other two that I could eventually scan and reprint. Between the two, unless someone turns up TM 11-6940-203-12 and -35P, I think that TM 11-2509A with changes has a little better coverage. For example, operation of the MD-22(*)/URA-t! requires AN/GLQ-2 and T-368/URT is mentioned in it but I didn't find any mention in the -35.

MD-22B/URA-T1, along with RT-260/GLQ-2, T-368/URT, R-390/URR, AN/GRC-5, PE-95-G and Shelter S-56/G, along with a bunch of accessory and antenna components are all part of AN/GLQ-2 (TM 11-640A). It replaced AN/MRQ-2. It is a 500 watt HF jammer set covering 1.5-20.0 MC.

MD-22D/URA-T1 is just a later production model. There are internal differences between it and the B model but the operational characteristics are the same.

Note that there is almost no discussion of actual jamming operations in any of the manuals. About 90% of TM 11-640A is about the RT-260.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

In a message dated 04/17/2015 01:15:49 AM Central Daylight Time, T-368_BC-610@yahoogroups.com writes:
> Hi all,
>
> I have a question concerning an item that was apparently used with the T3
> at various times,
> it is shown on page 2 of TM 11-809-10. Page 2 of this TM shows it on a
> shelf directly above
> a work bench. This item is identified as: Generator, Interference,
> MD-22D/URA-T1 and was
> made by Columbus Electronics on Order # 07181-PP-59. I have been
> searching for a
> TM for this item with no luck, anyone know anything about this item as to
> it's usage and
> what TM would cover it's operation?
>
> Thanks
> Bob K6OSM
>
> Posted by: Commtekman@...

>

# 6106. T-368 versus T-3

Yahoo group: T-368_BC-610
Date: 2015-04-18 05:06:39 UTC
From: wa5cab@...
Topic: 6106  Message: 6106

I know that some people think that it's cutesy or "in" to refer to a T-368 as a T-3. But it always irritates me because it's obviously incorrect. And more so even than calling a BC-696 an "ARC-5". At least the BC-696 looks sorta like a T-19/ARC-5, even if the two are not interchangable. In any case, the full nomenclature for the T-3 is T-3/CRN-2. It was a 329-335 MC crystal controlled AM transmitter used to provide the glide slope signal in a late WW-II blind landing system. It doesn't look anything like a T-368/URT.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

# 6107. Re: [T-368_BC-610] T-368 versus T-3

Yahoo group: T-368_BC-610
Date: 2015-04-18 05:36:45 UTC
From: commtekman@...
Topic: 6106  Message: 6107

You must be referring to me as I recently referred to the T-368E that I own as a T3. Thanks for the
observation, I will refrain from using cutesy descriptions of my equipment in the future.

Bob Schaefer
Retired senior microwave technician
U.S. Merchant Marine Radio Officer

In a message dated 4/17/2015 10:06:44 P.M. Pacific Daylight Time, T-368_BC-610@yahoogroups.com writes:

I know that some people think that it's cutesy or "in" to refer to a T-368 as a T-3. But it always irritates me because it's obviously incorrect. And more so even than calling a BC-696 an "ARC-5". At least the BC-696 looks sorta like a T-19/ARC-5, even if the two are not interchangable. In any case, the full nomenclature for the T-3 is T-3/CRN-2. It was a 329-335 MC crystal controlled AM transmitter used to provide the glide slope signal in a late WW-II blind landing system. It doesn't look anything like a T-368/URT.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

# 6108. Re: [T-368_BC-610] T-368 versus T-3

Yahoo group: T-368_BC-610
Date: 2015-04-18 07:04:10 UTC
From: wa5cab@...
Topic: 6106  Message: 6108

No, not specifically. Most of the past dozen or three posts on the subject seemed suddenly to all use the term. I didn't pay any attention to who made the posts.

Robert Downs - Houston

In a message dated 04/18/2015 00:36:47 AM Central Daylight Time, T-368_BC-610@yahoogroups.com writes:

> You must be referring to me as I recently referred to the T-368E that I
> own as a T3. Thanks for the
> observation, I will refrain from using cutesy descriptions of my
> equipment in the future.
>
> Bob Schaefer
>
>

# 6109. T3

Yahoo group: T-368_BC-610
Date: 2015-04-18 11:22:32 UTC
From: Alan Morriss
Topic: 6109  Message: 6109

hello . i must admit that i was a bit baffled by the term T3 ! i thought it might refer to a post war BC610 type. ALAN G4GEN

# 6110. RE: [T-368_BC-610] T-368 versus T-3

Yahoo group: T-368_BC-610
Date: 2015-04-18 12:36:18 UTC
From: Mike Feher
Topic: 6106  Message: 6110

It is not cutesy at all, but a widely accepted name for a T-368. I had my T-368F for over 30 years and always refer to it in conversation as my T3 and will continue to do so. The fact that there may be an obscure hardly heard of actual T3/CRN-2 is not even relevant. Everyone knows what us T3 owners are talking about when we use the term. There are more significant things to be irritated over. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
Sent: Saturday, April 18, 2015 1:07 AM
To: t-368_bc-610@yahoogroups.com
Subject: [T-368_BC-610] T-368 versus T-3

I know that some people think that it's cutesy or "in" to refer to a T-368 as a T-3. But it always irritates me because it's obviously incorrect. And more so even than calling a BC-696 an "ARC-5". At least the BC-696 looks sorta like a T-19/ARC-5, even if the two are not interchangable. In any case, the full nomenclature for the T-3 is T-3/CRN-2. It was a 329-335 MC crystal controlled AM transmitter used to provide the glide slope signal in a late WW-II blind landing system. It doesn't look anything like a T-368/URT.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

# 6111. Re: [T-368_BC-610] T-368 versus T-3

Yahoo group: T-368_BC-610
Date: 2015-04-18 13:04:43 UTC
From: James M. Walker
Topic: 6106  Message: 6111

Geeze,
You guys really need something to do.

"I have one", or "I don't have one" ,I read this junk and realize the problem
"Arm Chair" "CowBoys" give it a rest!

If you have one put it on the air, carry on an intelligent conversation
but at least get on the "AIR"!!! I don't ever heard any of you folks on the air.
"What up with that???

Jim AKA Sgt-Boo "(WB2FCN) REAL RADIO in BUFFALO"

# 6112. Re: [T-368_BC-610] T3

Yahoo group: T-368_BC-610
Date: 2015-04-18 14:24:59 UTC
From: Don Allison
Topic: 6109  Message: 6112

Well it was post war so to speak its the predecessor to the BC 610 and just a common name for a T368.. hence T3 ... that simple ..

73 Don WC4D

On Sat, Apr 18, 2015 at 7:22 AM, Alan Morriss mohawk@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:

>
>
> hello . i must admit that i was a bit baffled by the term T3 ! i thought
> it might refer to a post war BC610 type. ALAN G4GEN
>
>

# 6113. Re: [T-368_BC-610] T-368 versus T-3

Yahoo group: T-368_BC-610
Date: 2015-04-18 14:29:12 UTC
From: Don Allison
Topic: 6106  Message: 6113

In some circles that might be the terms used but on the T368-BC610 page .. everyone knows what a T3 is and I have talked to some old times who have used the term T3 for years and I mean 40 or more and they use the term T3 when talking about there sets. If it was good enough for them then it's good enough for me ..

Don WC4D

On Sat, Apr 18, 2015 at 1:06 AM, wa5cab@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:

> 
> 
> I know that some people think that it's cutesy or "in" to refer to a T-368
> as a T-3. But it always irritates me because it's obviously incorrect.
> And more so even than calling a BC-696 an "ARC-5". At least the BC-696
> looks sorta like a T-19/ARC-5, even if the two are not interchangable. In
> any case, the full nomenclature for the T-3 is T-3/CRN-2. It was a 329-335
> MC crystal controlled AM transmitter used to provide the glide slope signal
> in a late WW-II blind landing system. It doesn't look anything like a
> T-368/URT.
> 
> Robert Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
> 
> 

# 6114. Re: [T-368_BC-610] T3

Yahoo group: T-368_BC-610
Date: 2015-04-18 16:13:48 UTC
From: wa5cab@...
Topic: 6109  Message: 6114

No, definitely WW-II. Earliest hard listing that I actually have for it is SIG 5-1 dated August, 1944. But the nomenclature must have been assigned in late 1942 at the beginning of the switchover from the separate Army, Navy and Coast Guard nomenclature systems to the JAN system.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

In a message dated 04/18/2015 06:22:43 AM Central Daylight Time, T-368_BC-610@yahoogroups.com writes:
> hello . i must admit that i was a bit baffled by the term T3 ! i thought
> it might refer to a post war BC610 type. ALAN G4GEN
>
> ------------------------------------
> Posted by: Alan Morriss <mohawk@...>
> ------------------------------------
>

# 6115. T-368 Paint

Yahoo group: T-368_BC-610
Date: 2015-04-18 16:15:29 UTC
From: K7iou1
Topic: 3877  Message: 6115

Does anyone know the correct color to match the gray on the T3?
I would like to do a couple touch ups. Quart, pint or spray can is ok.
Regards

David

# 6116. Re: [T-368_BC-610] T-368 versus T-3 (final comment)

Yahoo group: T-368_BC-610
Date: 2015-04-18 16:32:29 UTC
From: commtekman@...
Topic: 6116  Message: 6116

I think I am the person who made the reference to the T3. For those of you who do not know me I was in Germany 55 years ago when we actually used this equipment every day that most of us now like to collect. The transmitter tech's who worked on the T368 always referred to them as the "T3", everyone knew what that meant and there was no confusion to something else. For those I have confused, I apologize for a term that was freely used during the Cold War in Europe for this piece of equipment.

Bob Schaefer
K6OSM
DL5IW 1961-1963

In a message dated 4/18/2015 8:09:20 A.M. Pacific Daylight Time, T-368_BC-610@yahoogroups.com writes:

In some circles that might be the terms used but on the T368-BC610 page .. everyone knows what a T3 is and I have talked to some old times who have used the term T3 for years and I mean 40 or more and they use the term T3 when talking about there sets. If it was good enough for them then it's good enough for me ..

Don WC4D

On Sat, Apr 18, 2015 at 1:06 AM, _wa5cab@..._ (mailto:wa5cab@...) [T-368_BC-610] <_T-368_BC-610@yahoogroups.com_ (mailto:T-368_BC-610@yahoogroups.com) > wrote:

I know that some people think that it's cutesy or "in" to refer to a T-368 as a T-3. But it always irritates me because it's obviously incorrect. And more so even than calling a BC-696 an "ARC-5". At least the BC-696 looks sorta like a T-19/ARC-5, even if the two are not interchangable. In any case, the full nomenclature for the T-3 is T-3/CRN-2. It was a 329-335 MC crystal controlled AM transmitter used to provide the glide slope signal in a late WW-II blind landing system. It doesn't look anything like a T-368/URT.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

# 6117. Re: [T-368_BC-610] T-368 versus T-3

Yahoo group: T-368_BC-610
Date: 2015-04-18 16:42:56 UTC
From: wa5cab@...
Topic: 6106  Message: 6117

Yep and calling a BC-696 "a" ARC5 or calling a Land Rover a jeep are also widely practiced errors. That doesn't make any of them right. There are certainly many things more important to be irritated over but mentioning 99-44/100% of them here might get you kicked off the list.

Robert D.

In a message dated 04/18/2015 07:36:42 AM Central Daylight Time, T-368_BC-610@yahoogroups.com writes:

> It is not cutesy at all, but a widely accepted name for a T-368. I had my
> T-368F for over 30 years and always refer to it in conversation as my T3
> and will continue to do so. The fact that there may be an obscure hardly
> heard of actual T3/CRN-2 is not even relevant. Everyone knows what us T3 owners
> are talking about when we use the term. There are more significant things
> to be irritated over. 73 – Mike
>
>
>
>
>

# 6118. more

Yahoo group: T-368_BC-610
Date: 2015-04-18 16:47:28 UTC
From: Alan Morriss
Topic: 5147  Message: 6118

thanks for the info guys. actually , i have never seen a T 368 ! i really must get my BC10 back on air, as i have been given a replacement overload relay. trouble is that a 80 years old there is no way i can shift it to the back of the shelter so that i can work on it. i need it positioned at the doorway. my son keeps promising ! alan G4GEN

# 6119. Re: [T-368_BC-610] T-368 versus T-3 (final comment)

Yahoo group: T-368_BC-610
Date: 2015-04-18 18:58:02 UTC
From: K7iou1
Topic: 6116  Message: 6119

Bob, thank you for your service!
Regards,
David

On Apr 18, 2015, at 9:32 AM, "commtekman@... [T-368_BC-610]"
<T-368_BC-610@yahoogroups.com> wrote:

I think I am the person who made the reference to the T3. For those of you who do not know me I was in Germany 55 years ago when we actually used this equipment every day that most of us now like to collect. The transmitter tech's who worked on the T368 always referred to them as the "T3", everyone knew what that meant and there was no confusion to something else. For those I have confused, I apologize for a term that was freely used during the Cold War in Europe for this piece of equipment.

Bob Schaefer
K6OSM
DL5IW 1961-1963

In a message dated 4/18/2015 8:09:20 A.M. Pacific Daylight Time,
T-368_BC-610@yahoogroups.com writes:

In some circles that might be the terms used but on the T368-BC610 page .. everyone knows what a T3 is and I have talked to some old times who have used the term T3 for years and I mean 40 or more and they use the term T3 when talking about there sets. If it was good enough for them then it's good enough for me ..

Don WC4D

> On Sat, Apr 18, 2015 at 1:06 AM, wa5cab@... [T-368_BC-610]
<T-368_BC-610@yahoogroups.com> wrote:
>
> I know that some people think that it's cutesy or "in" to refer to a T-368 as a T-3. But it always irritates me because it's obviously incorrect. And more so even than calling a BC-696 an "ARC-5". At least the BC-696 looks sorta like a T-19/ARC-5, even if the two are not interchangable. In any case, the full nomenclature for the T-3 is T-3/CRN-2. It was a 329-335 MC crystal controlled AM transmitter used to provide the glide slope signal in a late WW-II blind landing system. It doesn't look anything like a T-368/URT.
>
> Robert Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>

# 6120. Re: [T-368_BC-610] T-368 versus T-3 (final comment)

Yahoo group: T-368_BC-610
Date: 2015-04-19 02:42:28 UTC
From: wa5cab@...
Topic: 6116  Message: 6120

Well, I'm glad to see that at least you served a hitch. Many of our compatriots didn't. I spent the third and fourth year of my 32 on a pleasant (not so much) cruise to S.E.A. that was a little warmer than the Cold War. For HF, we had AN/WRT-2's and AN/URC-32's instead of T-368's So being only moderately lazy, we called them WRT-2 or URC-32, or sometimes with the latter, the "B" model or the "C" model (we had a bunch of "A" models but only one each of the two later ones).

Robert Downs
CWO4-7168 USN Ret'd.
WA5CAB (on three continents)

In a message dated 04/18/2015 11:32:33 AM Central Daylight Time, T-368_BC-610@yahoogroups.com writes:
> I think I am the person who made the reference to the T3. For those of
> you who do not
> know me I was in Germany 55 years ago when we actually used this
> equipment every
> day that most of us now like to collect. The transmitter tech's who
> worked on the T368
> always referred to them as the "T3", everyone knew what that meant and
> there was
> no confusion to something else. For those I have confused, I apologize
> for a term
> that was freely used during the Cold War in Europe for this piece of
> equipment.
>
> Bob Schaefer
> K6OSM
> DL5IW 1961-1963
>

# 6121. RE: [T-368_BC-610] T-368 versus T-3 (final comment)

Yahoo group: T-368_BC-610
Date: 2015-04-19 03:24:58 UTC
From: Mike Feher
Topic: 6116 Message: 6121

Yes, I did not serve. However, I have been working for the military for 50 years and still do, at a few months from becoming 70. Most of the first 20 years was in ASW, so the government decided it was more important for me to continue doing that rather than go to Vietnam. The last 30 years has been mostly in SATCOM. Who knows, maybe some of us compatriots saved your life, as well as that of others who served, and I truly admire and thank all of you who did serve. Coming here as a refugee from a Communist country, I know freedom does not come without the spilling of blood. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
Sent: Saturday, April 18, 2015 10:42 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] T-368 versus T-3 (final comment)

Well, I'm glad to see that at least you served a hitch. Many of our compatriots didn't. I spent the third and fourth year of my 32 on a pleasant (not so much) cruise to S.E.A. that was a little warmer than the Cold War. For HF, we had AN/WRT-2's and AN/URC-32's instead of T-368's So being only moderately lazy, we called them WRT-2 or URC-32, or sometimes with the latter, the "B" model or the "C" model (we had a bunch of "A" models but only one each of the two later ones).

Robert Downs
CWO4-7168 USN Ret'd.
WA5CAB (on three continents)

In a message dated 04/18/2015 11:32:33 AM Central Daylight Time, T-368_BC-610@yahoogroups.com writes:

I think I am the person who made the reference to the T3. For those of you who do not

know me I was in Germany 55 years ago when we actually used this equipment every
day that most of us now like to collect. The transmitter tech's who worked on the T368
always referred to them as the "T3", everyone knew what that meant and there was
no confusion to something else. For those I have confused, I apologize for a

term
that was freely used during the Cold War in Europe for this piece of
equipment.

Bob Schaefer
K6OSM
DL5IW 1961-1963

# 6122. RE: [T-368_BC-610] T-368 Paint

Yahoo group: T-368_BC-610
Date: 2015-04-19 04:36:19 UTC
From: kd1yt@...
Topic: 3877  Message: 6122

There appear to have been variations, the decks on mine are at least two different shades of gray. Some auto parts places can match a color if you can bring some part of the rig to let them do their matching. Lowes, and probably other places will also blend colors, and you can get 'samples' in smaller quantities; latex is not correct, but for small touch ups may be fine.

73
KD1YT

-----Original Message-----
From: "K7iou1 k7iou1@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
Sent: Saturday, April 18, 2015 12:15pm
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] T-368 Paint

Does anyone know the correct color to match the gray on the T3?
I would like to do a couple touch ups. Quart, pint or spray can is ok.
Regards

David

# 6123. Re: [T-368_BC-610] T-368 Paint

Yahoo group: T-368_BC-610
Date: 2015-04-19 04:42:20 UTC
From: Dennis DuValll
Topic: 3877  Message: 6123

Same thing on my T-368.

Dennis D. W7QHO
Glendale, CA

**********

> On Apr 18, 2015, at 9:36 PM, kd1yt@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote (in part):
>
> There appear to have been variations, the decks on mine are at least two different shades of gray.

# 6124. Re: [T-368_BC-610] T-368 versus T-3

Yahoo group: T-368_BC-610
Date: 2015-04-19 04:47:10 UTC
From: gpt750@gmail.com
Topic: 6106  Message: 6124

The term "T3" is not an "error", its a colloquialism and... this list is a hobby list about the T3's operation, maintenance, and repair and by the way, Beastly 610's... its not a mill list... its not a collector list and... no one other then you was "irritated" till you became irritated and decided to share your irritation... again... and again... and again...

AM hams on the east and west coast have referred to the T-368 as a T3 since roughly 1980 and will most likely continue to refer to the T-368 as a T3 long after you achieve room temperature...

At this point, T3's are bought, sold and used by hobbyists and some third world countries... buyers usually aren't interested in nomenclature as much as getting it going, enjoying it and most certainly, not your personal irritations...

The T3 descriptor is going nowhere anytime soon...

Either get over it or prepare to be irritated for the rest of your days...

73, Ott-out...

btw: another colloquialism... in the northeast corridor, the T3 nee T-368 has been referred to as the "Harley Davidson" of ham transmitters... a good a description as any for the venerable T3 with a nod to Joe Cro for coming up with that one...

On 4/18/2015 12:42 PM, wa5cab@... [T-368_BC-610] wrote:
>
> Yep and calling a BC-696 "a" ARC5 or calling a Land Rover a jeep are
> also widely practiced errors. That doesn't make any of them right.
> There are certainly many things more important to be irritated over
> but mentioning 99-44/100% of them here might get you kicked off the list.
>
> Robert D.
>
> In a message dated 04/18/2015 07:36:42 AM Central Daylight Time,
> T-368_BC-610@yahoogroups.com writes:
>
>>
>> It is not cutesy at all, but a widely accepted name for a T-368. I
>> had my T-368F for over 30 years and always refer to it in
>> conversation as my T3 and will continue to do so. The fact that there
>> may be an obscure hardly heard of actual T3/CRN-2 is not even
>> relevant. Everyone knows what us T3 owners are talking about when we
>> use the term. There are more significant things to be irritated over.
>> 73 – Mike

>>
>>
>>
>>
>
>
>

# 6125. RE: [T-368_BC-610] T-368 Paint

Yahoo group: T-368_BC-610
Date: 2015-04-19 04:53:26 UTC
From: Mike Feher
Topic: 3877  Message: 6125

When I purchased my T3 it came from someone that got it through MARS and it was in terrible shape. By that I mean cosmetically mostly, although it had multiple electrical problems as well. The first thing I did was totally dismantle the whole unit, taking off the panels of all three decks, stripping the wiring from the mainframe and so on. I found spray paint that was an almost exact match to the original, so, using numerous cans, I repainted the whole unit. Each panel along with the main case. This way everything looked perfectly matched. Fortunately my T368F was made by TRW and the labeling was depressed into the panel, so, I had to refill all of that. After that I am sure I used several coats of clear Krylon over it all to protect it. After that I rewired the entire mainframe with brand new HV cable. The finished product looked great and after I fixed the electrical issues it served me well for about 25 years, but, admittedly, I do not go down to the basement much anymore so have not used it in a while. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
Sent: Sunday, April 19, 2015 12:36 AM
To: T-368_BC-610@yahoogroups.com
Cc: t-368_bc-610@yahoogroups.com
Subject: RE: [T-368_BC-610] T-368 Paint

There appear to have been variations, the decks on mine are at least two different shades of gray. Some auto parts places can match a color if you can bring some part of the rig to let them do their matching. Lowes, and probably other places will also blend colors, and you can get 'samples' in smaller quantities; latex is not correct, but for small touch ups may be fine.

73

KD1YT

-----Original Message-----
From: "K7iou1 k7iou1@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
Sent: Saturday, April 18, 2015 12:15pm
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] T-368 Paint

Does anyone know the correct color to match the gray on the T3?
I would like to do a couple touch ups. Quart, pint or spray can is ok.
Regards

David

# 6126. Re: [T-368_BC-610] T-368 versus T-3 (final comment)

Yahoo group: T-368_BC-610
Date: 2015-04-19 05:39:27 UTC
From: wa5cab@...
Topic: 6116  Message: 6126

Mike,

I wasn't referring to people like you. Someone has to design and build the radios and bullets and grow the beans. Who I was actually thinking of fall under one of the forbidden subjects.

In a message dated 04/18/2015 22:25:21 PM Central Daylight Time, T-368_BC-610@yahoogroups.com writes:

> Yes, I did not serve. However, I have been working for the military for 50 years and still do, at a few months from becoming 70. Most of the first 20 years was in ASW, so the government decided it was more important for me to continue doing that rather than go to Vietnam. The last 30 years has been mostly in SATCOM. Who knows, maybe some of us compatriots saved your life, as well as that of others who served, and I truly admire and thank all of you who did serve. Coming here as a refugee from a Communist country, I know freedom does not come without the spilling of blood. 73 – Mike
>
> Mike B. Feher , N4FS
>
> 8
>

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

# 6127. military

Yahoo group: T-368_BC-610
Date: 2015-04-19 09:05:55 UTC
From: Alan Morriss
Topic: 6127  Message: 6127

well , i was too young for the war, but that was when i fell in love with the BC610. they had one in the signals hut here, and i used to steal eggs from my father's chickens and give them to the guys. that bought me carte blanche to go in and gaze in wonder.alan G4GEN

# 6128. Re: [T-368_BC-610] T-368 versus T-3 (final comment)

Yahoo group: T-368_BC-610
Date: 2015-04-19 14:14:14 UTC
From: kd1yt@...
Topic: 6116  Message: 6128

I don't think that there is anyone who appreciates military communications gear of the WWII-mid-late Cold War vintage who does not have a deep and thorough degree of awe of the sacrifices, ingenuity, and triumphs of those who served; not all of us were born at a time when we'd have had the option to serve in such dire times - but don't forget that those who came after are part of keeping the memory alive- beyond books- of the extraordinary men and women- and the ordinary men and women who did the extraordinary- to whom we owe the world as we know it today. You don't have to have a certain work or service history to do so, nor do you have to have a certain political viewpoint to do so. I wish our country would get over the divisiveness gig of who's more this that and the other thing than whoever else (which to my mind is largely a product of politicians and others who want to distract us from the various ways we're getting fleeced and our rights eroded) and start to remember that we are (or should be) al proud to be citizens. Most dialogues where people start throwing around politically charged labels devolve fast into the equivalent of two four year olds yelling back and forth at one another, over and over, louder and louder, "I'm not a doodoohead, you're the doodoohead"

Grateful to receive the heritage and freedoms that we have, and trying to pass it all (the heritage, freedoms, and gratitiude) along to those who come next....

Thanks to all who have served our country, and to those who preserve and share knowledge, skills and freedom in any way.

73
KD1YT

-----Original Message-----
From: "wa5cab@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
Sent: Sunday, April 19, 2015 1:39am
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] T-368 versus T-3 (final comment)

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I wasn't referring to people like you. Someone has to design and build the radios and bullets and grow the beans. Who I was actually thinking of fall under one of the forbidden subjects.

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Mike B. Feher , N4FS

8

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

# 6129. Re: [T-368_BC-610] T-368 versus T-3

Yahoo group: T-368_BC-610
Date: 2015-04-19 16:38:10 UTC
From: wa5cab@...
Topic: 6106  Message: 6129

Ott,

Actually, you're wrong. The membership here ncludes people like you whose interest in either the T-368 or the BC-610 is as a cheap way to a medium power HF transmitter. But it also includes a lot of collectors, most of whom are also military radio collectors to one degree or another. It's a fact that the two groups often don't play well together. But it's unlikely that any significant percentage are going to obligingly drop dead and disappear any time soon as you so rudely implied I should do.

Robert Downs - Houston

In a message dated 04/18/2015 23:45:30 PM Central Daylight Time, T-368_BC-610@yahoogroups.com writes:
> The term "T3" is not an "error", its a colloquialism and... this list is
> a hobby list about the T3's operation, maintenance, and repair and by the
> way, Beastly 610's... its not a mill list... its not a collector list and...
> no one other then you was "irritated" till you became irritated and
> decided to share your irritation... again... and again... and again...
>
>
> 73, Ott-out...
>
>

# 6130. Re: [T-368_BC-610] T-368 versus T-3

Yahoo group: T-368_BC-610
Date: 2015-04-20 00:54:18 UTC
From: Todd, KA1KAQ
Topic: 6106  Message: 6130

I don't know that I'd say 'cutesy', maybe more like a nickname or abbreviation used a lot between T-368 users and owners who understand and agree on the topic they're discussing as I've done on occasion. A bit different than the ARC-5 comparison from all I've witnessed. I'd put that more on par with those who call all Command sets 'ARC-5s' or refer to Type 12 gear as 'ARC-12' because they don't know any better or it just doesn't matter to them.

Far less understandable to me are those who refer to the R-390 as the R-390 non-A. Basically describing the equipment by what it isn't, instead of what it is. You don't hear folks referring to the SX-28 non-A or KWM-2 non-A, but the R-390 is apparently different. Or at least, some of its newer users are. I wonder if they drive a Toyota Prius non-Corolla or a GMC non-Chevrolet truck?

But yes - to simply use the term T-3 as a random or 'hip' way to describe the transmitter would seem foolish. Example would be showing up on a milsurplus list saying "I need some T-3 info". That opens the door to needless questions of clarification about the actual equipment you point out, Robert. Or maybe they mean transformer T-3 on some schematic, or....? About as sensible as popping up in some electronics group and asking for some Johnny balls. In the right company, it's perfectly clear.

~ Todd, KA1KAQ/4

On Sat, Apr 18, 2015 at 1:06 AM, wa5cab@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:

>
>
> I know that some people think that it's cutesy or "in" to refer to a T-368
> as a T-3. But it always irritates me because it's obviously incorrect.
> And more so even than calling a BC-696 an "ARC-5". At least the BC-696
> looks sorta like a T-19/ARC-5, even if the two are not interchangable. In
> any case, the full nomenclature for the T-3 is T-3/CRN-2. It was a 329-335
> MC crystal controlled AM transmitter used to provide the glide slope signal
> in a late WW-II blind landing system. It doesn't look anything like a
> T-368/URT.
>
> Robert Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
>

# 6131. Ban on ebay Trading of Tech Manuals?

Yahoo group: T-368_BC-610
Date: 2015-04-22 06:44:17 UTC
From: Roger@...
Topic: 6131  Message: 6131

Hi All,

Since this group is the larger and busier of two I belong to with a largely American membership (the other being TCS_Radios) I thought I'd ask for some input on the following:-

Last week I tried to put three US military manuals on UK ebay. These were two WW2 radio training (one USN, one Sig Corps) and one 1957 Army/USAF Morse Code training. All were rejected with the following message:-

QUOTE/

Attention sellers:

Military Manuals

It appears you are attempting to list a military manual that may be restricted for sale as technical data under the US Munitions list found at ITAR Part 121. Due to the highly regulated nature of these items, which can restrict even sales within the US, eBay has made the policy decision to prohibit these items altogether. Therefore, this item is not permitted and please do not attempt to relist. Please see eBay’s Military Items policy http://pages.ebay.co.uk/help/policies/military-items.htmlfor more information.

Thanks for your attention to this matter.

UNQUOTE/

Now that message seems to me to be a rather sweeping statement, is a 1957 Morse Code training book such a threat? Or a technical manual with details of the BC-223? I appreciate that ebay have to obey the law but shouldn't they be a little more selective or is it, as I suspect, that employing someone to check listings is costing ebay money?

I asked on the UK VMARS group for the opinions of non-US collectors but responses were mostly about re-wording the item description to circumvent the ruling.

What do members think? Is this a just ruling, is it restricting trade in technical info for people like us? Looking on the dark side, how long before we can't sell radio items with any military pedigree? Are other auction sites in the US operating the same embargo?

Wot say OM?

73

Roger - G3VKM, Norfolk, England.

# 6132. RE: [T-368_BC-610] Ban on ebay Trading of Tech Manuals?

Yahoo group: T-368_BC-610
Date: 2015-04-22 14:32:49 UTC
From: Gary Geissinger
Topic: 6131  Message: 6132

Roger,

Silly and unnecessary but understandable.

Where I work we have a whole team in the legal department that deals with ITAR issues and we handle few items that fall under ITAR. But we do deal with far more items that, to the untrained eye, could fall under ITAR.

Part of the problem is the way ITAR works. If you have an ITAR controlled item you are responsible for its handling and the penalties are severe if you make a mistake.

A example came up when I bought a manual (not Ebay) that was actually never officially declassified. When it arrived I saw the markings and immediately put it under control . Then I worked to determine the documents status. Just like ITAR since I have the manual it is now my problem no matter how I obtained it. It took 8 months to find someone in the USG who remembered this item and declassified it. It should have been routinely declassified in the 1950s.

This came up on eBay when I bought a piece of SIGINT gear from a seller in the UK. Well, I could buy it and own it but I really cannot sell it because of ITAR concerns. And it was made in the US.

I would have thought that the eBay use agreement would have indicated that the seller is responsible to make sure the item is either not controlled or is properly handled.

I guess they either got burned or their legal staff felt that Ebay would still be culpable for ITAR issues regardless of the use agreement.

I have obtained many hard to find manuals I. EBay. I guess those days are over. If the manual is not ITAR controlled and you have to reword it in order to sell it, then that may be your only option using eBay. Of course the trick is to still wording folks can search for.

Sorry I am not much help here,

Gary WA0SPM

Sent from Yahoo Mail for iPhone (https://overview.mail.yahoo.com?.src=iOS)

At Apr 22, 2015, 12:44:17 AM, Roger@... [T-368_BC-610]<'T-368_BC-610@yahoogroups.com'> wrote:

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Wot say OM?

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Roger - G3VKM, Norfolk, England.

# 6133. Re: [T-368_BC-610] Ban on ebay Trading of Tech Manuals?

Yahoo group: T-368_BC-610
Date: 2015-04-22 19:49:55 UTC
From: wa5cab@...
Topic: 6131  Message: 6133

Roger,

It's possible that the censorship has (so far?) only been applied to the UK site. Before reading your message last night, I had just bought an original TM 11-487B (1951 edition, and one of only a few of the series that I don't already have). After reading your message, I listed on eBay (US) as a test three of my reprint manuals (AN/ARC-5 Maintenance, AN/ARC-5 receiver channelizer module, and AN/VRC-1). All three listed no problem. What were the three manual numbers that you tried to list?

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

In a message dated 04/22/2015 09:32:52 AM Central Daylight Time,
T-368_BC-610@yahoogroups.com writes:
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>
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>
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>> QUOTE/
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>> restrict even sales within the US, eBay has made the policy decision to
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>> please do not attempt to relist. Please see eBay’s Military Items policy for
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>>
>> UNQUOTE/
>>

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>>
>> Wot say OM?
>>
>> 73
>>
>> Roger - G3VKM, Norfolk, England.
>>
>
>
> Posted by: Gary Geissinger <geissingergary@...>
>
>

# 6134. Re: [T-368_BC-610] Ban on ebay Trading of Tech Manuals?

Yahoo group: T-368_BC-610
Date: 2015-04-22 20:19:51 UTC
From: Roger@...
Topic: 6131  Message: 6134

Hi Robert,

The two training manuals didn't have TM numbers, they were USSC and USN workbooks that a candidate filled in as part of their training to be a radioman. Have a look at my listings, search for "hadrad" completed items. I expunged all references to US, army, navy and TM numbers and just described them as radio training books.

Yes, it's possible that someone in Customs over here has come down on ebay, probably after a complaint from your side of the water and ebay have adopted a better safe then sorry policy. There was a scare a couple of years ago about export licensing that threw up some worrying comments but all seemed to go quiet after a few months.

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Roger/G3VKM

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Posted by: Gary Geissinger <geissingergary@...>

# 6135. RE: [T-368_BC-610] Ban on ebay Trading of Tech Manuals?

Yahoo group: T-368_BC-610
Date: 2015-04-22 20:30:59 UTC
From: Roger@...
Topic: 6131  Message: 6135

Hello Gary,

Thanks for the info and it's more relevant coming from someone who deals with ITAR first-hand. Most people have advised me to reword my descriptions and list again, which I did without problem, removing all the references to military, TM numbers or a particular Service in my description.

Is there an ITAR list on-line that one can refer to before trying to sell an item? If there is, I doubt that my books would be listed, although the incident you mention of a 50s manual slipping through the net is always possible, I suppose.

73 and thanks again.

Roger/G3VKM

---In T-368_BC-610@yahoogroups.com, <geissingergary@...> wrote :

Roger,

Silly and unnecessary but understandable.

Where I work we have a whole team in the legal department that deals with ITAR issues and we handle few items that fall under ITAR. But we do deal with far more items that, to the untrained eye, could fall under ITAR.

Part of the problem is the way ITAR works. If you have an ITAR controlled item you are responsible for its handling and the penalties are severe if you make a mistake.

A example came up when I bought a manual (not Ebay) that was actually never officially declassified. When it arrived I saw the markings and immediately put it under control . Then I worked to determine the documents status. Just like ITAR since I have the manual it is now my problem no matter how I obtained it. It took 8 months to find someone in the USG who remembered this item and declassified it. It should have been routinely declassified in the 1950s.

This came up on eBay when I bought a piece of SIGINT gear from a seller in the UK. Well, I could buy it and own it but I really cannot sell it because of ITAR concerns. And it was made in the US.

I would have thought that the eBay use agreement would have indicated that the seller is responsible to make sure the item is either not controlled or is properly handled.

I guess they either got burned or their legal staff felt that Ebay would still be culpable for ITAR issues regardless of the use agreement.

I have obtained many hard to find manuals I. EBay. I guess those days are over. If the manual is not ITAR controlled and you have to reword it in order to sell it, then that may be your only option using eBay. Of course the trick is to still wording folks can search

for.

Sorry I am not much help here,

Gary WA0SPM

# 6136. RE: [T-368_BC-610] Ban on ebay Trading of Tech Manuals?

Yahoo group: T-368_BC-610
Date: 2015-04-23 00:35:16 UTC
From: Gary Geissinger
Topic: 6131  Message: 6136

Roger ,

Head over to www.fas.org and look at the ITAR classification categories

It gets murky when language like, "Includes but is not limited to" appears. While military communications transceivers without COMSEC, spread spectrum, jamming, or anti-jamming appear to not be an ITAR issue, the phrase given above makes it anyone's guess.

"XI 4 iii" is a prime example.

I think my T-368 is okay, but the Racal "JamCat" I bought off eBay seems suspect so I won't be selling it either.

Even the clarifications given aren't much help unless you are dealing with pyrotechnics.

We have an equipment list for gear we use; I am unclear of its origin. I have never a general equipment or document list.

The ITAR concept seems reasonable and I would argue necessary. There have been changes in ITAR with more proposed to keep it effective but not unnecessarily constraining. I think ebay's interpretation and implementation now need a little tuning as well.

Gary

Sent from Yahoo Mail for iPhone (https://overview.mail.yahoo.com?.src=iOS)

At Apr 22, 2015, 2:31:01 PM, Roger@new-gate.co.uk
[T-368_BC-610]<'T-368_BC-610@yahoogroups.com'> wrote:

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Yahoo group: T-368_BC-610
Date: 2015-04-23 07:51:43 UTC
From: Roger@...
Topic: 6131  Message: 6137

Thanks Gary,

I'll take a look at that site. However, if it's anything like the UK export licensing site I'll be none the wiser. They too go in for these catch-all clauses! My BC-610 was probably Lease-Lend gear, so country of origin maybe won't be so obvious on any official paperwork. However, at 400+ pounds weight I doubt I'll shipping abroad! About the only crypto gear I have is a TypeX cypher machine PSU, hopefully the dynamotor in it is off the Secret List by now.

73 and thanks for the advice.

Roger/G3VKM

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Gary WA0SPM

# 6138. Re: [T-368_BC-610] T-368 Paint

Yahoo group: T-368_BC-610
Date: 2015-04-28 13:10:18 UTC
From: K7iou1
Topic: 3877  Message: 6138

Mike, do you have the mfg and number for the match? ACE has many different grey colors. It might save me many trips back and fourth. I can say it's not Dark Machinery Grey.
Regards

David

On Apr 18, 2015, at 9:53 PM, "'Mike Feher' n4fs@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com> wrote:

When I purchased my T3 it came from someone that got it through MARS and it was in terrible shape. By that I mean cosmetically mostly, although it had multiple electrical problems as well. The first thing I did was totally dismantle the whole unit, taking off the panels of all three decks, stripping the wiring from the mainframe and so on. I found spray paint that was an almost exact match to the original, so, using numerous cans, I repainted the whole unit. Each panel along with the main case. This way everything looked perfectly matched. Fortunately my T368F was made by TRW and the labeling was depressed into the panel, so, I had to refill all of that. After that I am sure I used several coats of clear Krylon over it all to protect it. After that I rewired the entire mainframe with brand new HV cable. The finished product looked great and after I fixed the electrical issues it served me well for about 25 years, but, admittedly, I do not go down to the basement much anymore so have not used it in a while. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
Sent: Sunday, April 19, 2015 12:36 AM
To: T-368_BC-610@yahoogroups.com
Cc: t-368_bc-610@yahoogroups.com
Subject: RE: [T-368_BC-610] T-368 Paint

There appear to have been variations, the decks on mine are at least two different shades of gray. Some auto parts places can match a color if you can bring some part of the rig to let them do their matching. Lowes, and probably other places will also blend colors, and you can get 'samples' in smaller quantities; latex is not correct, but for small touch ups may be fine.

73
KD1YT

-----Original Message-----
From: "K7iou1 k7iou1@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
Sent: Saturday, April 18, 2015 12:15pm

To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] T-368 Paint

Does anyone know the correct color to match the gray on the T3?
I would like to do a couple touch ups. Quart, pint or spray can is ok.
Regards

David

# 6139. RE: [T-368_BC-610] T-368 Paint

Yahoo group: T-368_BC-610
Date: 2015-04-28 13:16:01 UTC
From: Mike Feher
Topic: 3877  Message: 6139

David –

I am sorry, but, I did this about 30 years ago and sure do not remember, nor did I have the vision to write it down for future reference. 73 – Mike

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Sent: Tuesday, April 28, 2015 9:10 AM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] T-368 Paint

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# 6140. RE: [T-368_BC-610] T-368 Paint

Yahoo group: T-368_BC-610
Date: 2015-04-28 14:58:59 UTC
From: Mike Feher
Topic: 3877  Message: 6140

BTW, I was not so much concerned about the exact color, even though I got it close, I was more concerned that all panels and the cabinet matched.. Repainting everything guaranteed that. 73 – Mike .

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Yahoo group: T-368_BC-610
Date: 2015-04-28 15:15:52 UTC
From: K7iou1
Topic: 3877  Message: 6141

10-4 thanks

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Yahoo group: T-368_BC-610
Date: 2015-04-28 15:56:57 UTC
From: kd1yt@...
Topic: 3877  Message: 6142

The 'original' paint seems to have varied over time & or between contractors, anyways; my un-re-painted T-3-E has _at least_ three slightly but observably distinct shades/tones as between the cabinet and the various decks. One of the decks (forget if it is the PS or modulator deck, I think it's the mod deck, looks like it received a brush re-paint [a decent one, but it is on a little thick] at some point along the way. I just view the mix of different shades/ tones as part of its history, just like some antique rifles are best left un-refinished, because their imperfection is part of their story and authenticity.

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Sent: Tuesday, April 28, 2015 11:15am
To: "T-368_BC-610@yahoogroups.com" <T-368_BC-610@yahoogroups.com>
Subject: Re: [T-368_BC-610] T-368 Paint

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Cc: [ t-368_bc-610@yahoogroups.com ]( mailto:t-368_bc-610@yahoogroups.com )
Subject: RE: [T-368_BC-610] T-368 Paint

There appear to have been variations, the decks on mine are at least two different shades of gray. Some auto parts places can match a color if you can bring some part of the rig to let them do their matching. Lowes, and probably other places will also blend colors, and you can get 'samples' in smaller quantities; latex is not correct, but for small touch ups may be fine.

73
KD1YT

-----Original Message-----
From: "K7iou1 [ k7iou1@... ]( mailto:k7iou1@... ) [T-368_BC-610]" <[ T-368_BC-610@yahoogroups.com ]( mailto:T-368_BC-610@yahoogroups.com )>
Sent: Saturday, April 18, 2015 12:15pm
To: [ T-368_BC-610@yahoogroups.com ]( mailto:T-368_BC-610@yahoogroups.com )

Subject: [T-368_BC-610] T-368 Paint

Does anyone know the correct color to match the gray on the T3?
I would like to do a couple touch ups. Quart, pint or spray can is ok.
Regards

David

# 6143. Re: [T-368_BC-610] T-368 Paint

Yahoo group: T-368_BC-610
Date: 2015-04-28 16:12:30 UTC
From: Todd, KA1KAQ
Topic: 3877  Message: 6143

David -

As pointed out by others, the colors used on the T-368 undoubtedly varied somewhat through the years, mostly relating to depot maintenance.

It's my guess that they all started out as Federal Standard FED-STD-595A, color code 26152, Semi-Gloss Gray like the R-390 series of radio equipment. Though there were likely small variations across the manufacturers and their suppliers, they all would've been pretty close off the assembly line. From there, the course of time and overhaul schedules would change things more noticeably.

Add to that 3+ decades of private ownership and the 'close enough' colors used by different owners and it becomes anyone's guess. Depending on the overall condition and amount of touch up needed, it might be worth a uniform repaint as Mike mentions.

Good luck with it -

~ Todd, KA1KAQ/4

On Sat, Apr 18, 2015 at 12:15 PM, K7iou1 k7iou1@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:

> 
> 
> Does anyone know the correct color to match the gray on the T3?
> I would like to do a couple touch ups. Quart, pint or spray can is ok.
> Regards
> 
> David
> 
> 
> 

# 6144. T-368 AC power plug

Yahoo group: T-368_BC-610
Date: 2015-04-30 03:23:54 UTC
From: Chris Farley
Topic: 6144  Message: 6144

Hi all,

I located a box of original Arrow-Hart "Hart-Lock" AC power plugs, as used on the T-368 and probably other pieces of mil gear.  This is the female two conductor 20A twist-lock style cable end connector complete with metal body cap and strain relief clamp.  They are NOS so some of the zinc plating shows slight signs of oxidation, but overall they look pretty darn good.  Not rusty or anything.

If anybody needs one, I'm offering them to list members for $10/ea plus $3 conus shipping.

Regards,
Chris kc9ieq

# 6145. plug

Yahoo group: T-368_BC-610
Date: 2015-04-30 07:15:35 UTC
From: Alan Morriss
Topic: 4428  Message: 6145

hello chris, are they the same as the ones for the BC610 ? alan G4GEN

# 6146. RE: [T-368_BC-610] plug

Yahoo group: T-368_BC-610
Date: 2015-04-30 13:41:13 UTC
From: Chris Farley
Topic: 4428  Message: 6146

I've never had a BC-610, so cannot say with any authority.  From a fairly grainy picture online, it looks like the 610 requires the same (or very similar) type plug, but of the opposite gender?
Regards, Chris

Sent from my SMRTphone

-------- Original message --------
From: "Alan Morriss mohawk@clara.co.uk [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
Date: 04/30/2015 2:15 AM (GMT-06:00)
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] plug

hello chris, are they the same as the ones for the BC610 ? alan G4GEN

Posted by: Alan Morriss <mohawk@clara.co.uk>

Reply via web post

•

Reply to sender

•

# 6147. plug

Yahoo group: T-368_BC-610
Date: 2015-04-30 15:39:27 UTC
From: Alan Morriss
Topic: 4428  Message: 6147

hello again , yes , it is a female plug. oh well ! alan

# 6148. plug

Yahoo group: T-368_BC-610
Date: 2015-05-01 08:00:50 UTC
From: Alan Morriss
Topic: 4428  Message: 6148

hello chris , i would like one as a spare. can you ship it to the UK ? also would paypal be ok . alan

# 6149. plug

Yahoo group: T-368_BC-610
Date: 2015-05-01 15:28:35 UTC
From: Alan Morriss
Topic: 4428  Message: 6149

fine chris, let me know the amount and i will send it. my address is on QRZ . cheers, alan

# 6150. Re: [T-368_BC-610] T-368 parts available

Yahoo group: T-368_BC-610
Date: 2015-05-08 20:13:43 UTC
From: Robert Ramirez
Topic: 6076  Message: 6150

Hello,
again Please let me know what you'd like for the exciter. As
I'm home now and looking at my T-3 I would like to put it on the air. I
just missed an Exciter on Ebay. I do not have the back door for it but
plan on making one with a fan.

Thank you,
Robert Ramirez

On 3/24/2015 5:57 AM, kd1yt@... [T-368_BC-610] wrote:
>
> I never thought I'd really want to sell this- but... I have a spare
> T-368 exciter in 100% clean, un-modded, and intact condition, and if
> making it available kept one more T-3 in intact operative condition
> vs. being scattered around as parts, I might actually be more open
> than I thought to letting it go. I suppose if one parted-out T-3 puts
> a bunch of other limping, non-functional specimens on the air, that
> isn't all bad, either.
>
> 73
>
> Trevor
>
> KD1YT
>
> -----Original Message-----
> From: "robtram@... [T-368_BC-610]"
> <T-368_BC-610@yahoogroups.com>
> Sent: Tuesday, March 24, 2015 8:55am
> To: T-368_BC-610@yahoogroups.com
> Subject: [T-368_BC-610] T-368 parts available
>
> Hello all,
> I have a nearly complete T-368 that I am parting out. I was
> going to restore it but it is missing the exciter , the rear door and
> the cabinet needs repainting. All other parts are available. If you
> need anything to restore yours contact me at robtram@....
>
> Thanks and 73
> Robert K6RAR
>
>

# 6151. WTB

Yahoo group: T-368_BC-610
Date: 2015-05-10 00:16:50 UTC
From: dean.gagnon@...
Topic: 1316  Message: 6151

Looking for modulator deck parts. Need speech amp, transformers, and modulator tubes/sockets. Maybe a complete deck. Please advise what you have and what you are asking ($). KK1K via QRZ

# 6152. Wanted T-368 Manuals and Speech Amp SubChassis

Yahoo group: T-368_BC-610
Date: 2015-06-06 15:39:18 UTC
From: g3eenmtnmilradprc47@...
Topic: 6152  Message: 6152

Hi All Looking to purchase an original T-368 Manual I have downloaded copies but want the High Resolution Photos in the Original manuals! Also in Need of a T-368 Speech Amp Sub chassis! if you have either of these let me know Thanks Jeff W1AEA <w1aea@myfairpoint.net>

# 6153. Re: [T-368_BC-610] Wanted T-368 Manuals and Speech Amp SubChassis

Yahoo group: T-368_BC-610
Date: 2015-06-06 17:07:05 UTC
From: wa5cab@...
Topic: 6152  Message: 6153

The original manual on the T-368/URT (basic unlettered model) is TM 11-809 dtd 04/22/55. There was a Change 1 dtd 12/11/56 that covered T-368B. What happened to T-368A I don't know. Perhaps there was a TM 11-809A or an un-numbered Preliminary that I have never come across. Although the date is late for the number, 11-809 and C1 were superceded in 1958 by 11-809-10, 11-809-20 and 11-809-35. With Changes 1, 2, 3, and 5 (4 was superceded by 5), this covers T-368, A, B, C, D and E.

I only have one original but I scanned it for reprinting some years ago. I have copies of 2 PDF's that are floating around, and know what you mean about the quality, especially of the photographs. Although my scan was done long enough ago that it is at 400 DPI, the photos were scanned 256 gray and merged into the text which was scanned B&W. And the photos are nearly as good as the original. If it was a thinner manual and I printed it center-folded, stapled and trimmed, you would probably think it was an original, as has happened a few times with other manuals that I do..

Unfortunately, I only have one original copy left of the -20 and the -35.

The only T-368 parts that I have are a HV supply out of an unknow model and a couple of TN-339/GR and ME-65/G.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

In a message dated 06/06/2015 10:39:19 AM Central Daylight Time,
T-368_BC-610@yahoogroups.com writes:
> Hi All Looking to purchase an original T-368 Manual I have downloaded
> copies but want the High Resolution Photos in the Original manuals! Also in
> Need of a T-368 Speech Amp Sub chassis! if you have either of these let
> me know Thanks Jeff W1AEA <w1aea@...>
>
>
>
>
> Posted by: g3eenmtnmilradprc47@...
>

# 6154. T-368 standoffs

Yahoo group: T-368_BC-610
Date: 2015-06-16 03:45:49 UTC
From: commtekman@...
Topic: 6154  Message: 6154

Does anyone know the size of the standoffs on top of the T-368? I am interested in the length mostly-

Thanks
Bob
K6OSM

# 6155. Re: [T-368_BC-610] T-368 standoffs

Yahoo group: T-368_BC-610
Date: 2015-06-16 15:05:12 UTC
From: Mark J. Blair
Topic: 6154  Message: 6155

> On Jun 15, 2015, at 20:45, commtekman@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:
>
>
> Does anyone know the size of the standoffs on top of the T-368? I am interested in the length mostly-

1/2" long
7/16" across the flats
1/4" bolt. I think it's fine threaded.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 6156. Re: [T-368_BC-610] T-368 standoffs

Yahoo group: T-368_BC-610
Date: 2015-06-16 16:13:17 UTC
From: commtekman@...
Topic: 6154  Message: 6156

Thanks Mark,

Bob K6OSM

In a message dated 6/16/2015 8:05:21 A.M. Pacific Daylight Time,
T-368_BC-610@yahoogroups.com writes:

> On Jun 15, 2015, at 20:45, commtekman@... [T-368_BC-610]
<T-368_BC-610@yahoogroups.com> wrote:
>
>
> Does anyone know the size of the standoffs on top of the T-368? I am
interested in the length mostly-

1/2" long
7/16" across the flats
1/4" bolt. I think it's fine threaded.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 6157. T-368 power connector

Yahoo group: T-368_BC-610
Date: 2015-06-25 19:28:57 UTC
From: commtekman@...
Topic: 6157  Message: 6157

Hello,
Anyone know where to find the two pole, ungrounded, non-polarized connector for the back of the T-368?

tnx
Bob K6OSM

# 6158. RE: [T-368_BC-610] T-368 power connector

Yahoo group: T-368_BC-610
Date: 2015-06-25 20:13:16 UTC
From: Chris Farley
Topic: 6157  Message: 6158

I have some NOS ones available with strain relief, 10 bux each plus $2-3 for CONUS shipping.
Regards, Chris kc9ieq

Sent from my SMRTphone

-------- Original message --------
From: "commtekman@aol.com [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
Date: 06/25/2015 2:28 PM (GMT-06:00)
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] T-368 power connector

Hello,
Anyone know where to find the two pole, ungrounded, non-polarized connector for the back of the T-368?

tnx
Bob K6OSM

# 6159. RE: [T-368_BC-610] T-368 power connector

Yahoo group: T-368_BC-610
Date: 2015-06-25 20:43:04 UTC
From: Thekan, Paul
Topic: 6157  Message: 6159

Hi Chris

I’d like to get 2 of those connectors if available , after Bob gets what he needs.

Do you or anyone know if the same connector works for the BC 610E model.

Thank you
Paul
N6FEG

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
Sent: Thursday, June 25, 2015 1:13 PM
To: T-368_BC-610@yahoogroups.com
Subject: RE: [T-368_BC-610] T-368 power connector

I have some NOS ones available with strain relief, 10 bux each plus $2-3 for CONUS shipping.

Regards,
Chris kc9ieq

Sent from my SMRTphone

-------- Original message --------
From: "commtekman@aol.com [T-368_BC-610]<mailto:commtekman@aol.com%20[T-368_BC-610]>"
<T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>>
Date: 06/25/2015 2:28 PM (GMT-06:00)
To: T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>
Subject: [T-368_BC-610] T-368 power connector

Hello,
Anyone know where to find the two pole, ungrounded, non-polarized connector for the back of the T-368?

tnx
Bob K6OSM

------------------------------

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communication by anyone other than the intended recipient(s) is strictly
prohibited and may be unlawful. If you are not the intended recipient,
please notify the sender by replying to this message and then delete it from your system.

# 6160. Re: [T-368_BC-610] T-368 power connector

Yahoo group: T-368_BC-610
Date: 2015-06-25 20:55:17 UTC
From: commtekman@...
Topic: 6157  Message: 6160

Hi Chris,

That would be great. Let me know how to pay. Grainger has one that they call a L2-20R, which is the receptacle and not the connector. The one Grainger shows is polarized in that one opening is wider than the other.

Bob K6OSM

In a message dated 6/25/2015 1:13:27 P.M. Pacific Daylight Time, T-368_BC-610@yahoogroups.com writes:

I have some NOS ones available with strain relief, 10 bux each plus $2-3 for CONUS shipping.

Regards,
Chris kc9ieq

Sent from my SMRTphone

-------- Original message --------
From: "commtekman@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
Date: 06/25/2015 2:28 PM (GMT-06:00)
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] T-368 power connector

Hello,
Anyone know where to find the two pole, ungrounded, non-polarized connector for the back of the T-368?

tnx
Bob K6OSM

# 6161. Re: [T-368_BC-610] T-368 power connector

Yahoo group: T-368_BC-610
Date: 2015-06-25 21:38:59 UTC
From: wa5cab@...
Topic: 6157  Message: 6161

Of course, Chris's NOS originals are preferred (and cheaper than Grainger) but back in the 80's and 90's I used to find some of the several polarized versions at flea markets. The metal innards are the same in all of them (or at least most of them). All that it took to modify one to work was to remove the bakelite front and use half of a jig saw blade in a home-made holder to cut the naarrow arc so that it matched the wide one. You can't, however, do that with current white and clear plastic ones and make them usable. Around the time that they quit making the bakelite body ones, they also increased the outside diameter just a little. I haven't paid any attention to the AC connector on the one T-368 power supply deck that I have but at least on the BC-610, the connector is a 2-pole recessed male. The ID of the connector body is smaller than the OD of the new plastic plugs. And you can't just chuck it in a lathe and turn it down to fit as the wall thickness is less than half the difference. Before you reduce it enough to fit, the front will fall off.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

In a message dated 06/25/2015 15:55:20 PM Central Daylight Time,
T-368_BC-610@yahoogroups.com writes:
> Hi Chris,
>
> That would be great. Let me know how to pay. Grainger has one that they
> call a L2-20R, which is the receptacle and not the connector. The one
> Grainger shows is polarized in that one opening is wider than the other.
>
> Bob K6OSM
>
>
>
> In a message dated 6/25/2015 1:13:27 P.M. Pacific Daylight Time,
> T-368_BC-610@yahoogroups.com writes:
>
> >>
>>
>> I have some NOS ones available with strain relief, 10 bux each plus $2-3
>> for CONUS shipping.
>>
>>
>> Regards,
>> Chris kc9ieq
>>
>>

>

# 6162. Test

Yahoo group: T-368_BC-610
Date: 2015-06-26 11:02:14 UTC
From: Dave Mantor
Topic: 1903  Message: 6162

This is merely a test. Thanks for the band width.

Dave w9ocm

# 6163. New Owner of '610i

Yahoo group: T-368_BC-610
Date: 2015-06-26 11:06:29 UTC
From: Dave Mantor
Topic: 6163  Message: 6163

Good morning Group.
This is my initial posting here as I'm a new owner / caretaker of a very nice BC-610i.
My first question is in regard to the serial numbering. Does the serial number run sequentially from the beginning of production, or by year?
Thanks.
Dave w9ocm

# 6164. RE: [T-368_BC-610] T-368 power connector

Yahoo group: T-368_BC-610
Date: 2015-06-26 20:03:06 UTC
From: Chris Farley
Topic: 6157  Message: 6164

Paul,

I have plenty to go around.

I believe the 610 uses the same connector BUT opposite in gender.

Chris

---
On Thu, 6/25/15, 'Thekan, Paul' Paul.Thekan@... [T-368_BC-610]
<T-368_BC-610@yahoogroups.com> wrote:

Subject: RE: [T-368_BC-610] T-368 power connector
To: "'T-368_BC-610@yahoogroups.com'" <T-368_BC-610@yahoogroups.com>
Date: Thursday, June 25, 2015, 3:43 PM

Hi
Chris  I'd like to get 2
of those connectors if available , after Bob gets what he
needs.  Do you or anyone
know if the same connector works for the BC 610E
model.  Thank
youPaulN6FEG  From: T-368_BC-610@yahoogroups.com
[mailto:T-368_BC-610@yahoogroups.com]
Sent: Thursday, June 25, 2015 1:13 PM
To: T-368_BC-610@yahoogroups.com
Subject: RE: [T-368_BC-610] T-368 power
connector  I have some NOS ones
available with strain relief, 10 bux each plus $2-3 for
CONUS shipping.  Regards, Chris kc9ieq  Sent from my
SMRTphone

-------- Original message --------
From: "commtekman@...
[T-368_BC-610]" <T-368_BC-610@yahoogroups.com>

Date: 06/25/2015 2:28 PM (GMT-06:00)
To: T-368_BC-610@yahoogroups.com

Subject: [T-368_BC-610] T-368 power
connector

  Hello,Anyone know where to
find the two pole, ungrounded, non-polarized connector for
the back of the T-368? tnxBob
K6OSM_____

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is strictly

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please notify the sender by replying to this message and
then delete it from your system.

# 6165. Re: [T-368_BC-610] T-368 power connector

Yahoo group: T-368_BC-610
Date: 2015-06-26 20:04:36 UTC
From: Chris Farley
Topic: 6157  Message: 6165

Bob, a check mailed to my QRZ address would be just fine.

Let me know-

Regards,
Chris kc9ieq

---
On Thu, 6/25/15, commtekman@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:

Subject: Re: [T-368_BC-610] T-368 power connector
To: T-368_BC-610@yahoogroups.com
Date: Thursday, June 25, 2015, 3:55 PM

Hi Chris,

That would be great. Let me know how to pay. Grainger
has one that they
call a L2-20R, which is the receptacle and not the
connector. The one Grainger
shows is polarized in that one opening is wider than the
other.

Bob K6OSM

In a message dated 6/25/2015 1:13:27 P.M. Pacific
Daylight Time,
T-368_BC-610@yahoogroups.com writes:

I have some NOS ones available with strain
relief, 10 bux each plus $2-3
for CONUS shipping.

Regards,
Chris kc9ieq

Sent from my
SMRTphone

-------- Original message --------
From:
"commtekman@... [T-368_BC-610]"
<T-368_BC-610@yahoogroups.com>

Date: 06/25/2015 2:28 PM (GMT-06:00)
To: T-368_BC-610@yahoogroups.com

Subject: [T-368_BC-610] T-368 power
connector

Hello,
Anyone know where to find the two pole, ungrounded,
non-polarized
connector for the back of the T-368?

tnx
Bob K6OSM

# 6166. Re: [T-368_BC-610] T-368 power connector

Yahoo group: T-368_BC-610
Date: 2015-06-26 20:47:42 UTC
From: commtekman@...
Topic: 6157  Message: 6166

Ok Chris, I would like to purchase two if you have enough to go around,
does $28 sound right or do I owe you more?

Thanks
Bob K6OSM

In a message dated 6/26/2015 1:04:43 P.M. Pacific Daylight Time,
T-368_BC-610@yahoogroups.com writes:

Bob, a check mailed to my QRZ address would be just fine.

Let me know-

Regards,
Chris kc9ieq

---
On Thu, 6/25/15, commtekman@... [T-368_BC-610]
<T-368_BC-610@yahoogroups.com> wrote:

Subject: Re: [T-368_BC-610] T-368 power connector
To: T-368_BC-610@yahoogroups.com
Date: Thursday, June 25, 2015, 3:55 PM

Hi Chris,

That would be great. Let me know how to pay. Grainger
has one that they
call a L2-20R, which is the receptacle and not the
connector. The one Grainger
shows is polarized in that one opening is wider than the
other.

Bob K6OSM

In a message dated 6/25/2015 1:13:27 P.M. Pacific
Daylight Time,
T-368_BC-610@yahoogroups.com writes:

I have some NOS ones available with strain
relief, 10 bux each plus $2-3
for CONUS shipping.

Regards,
Chris kc9ieq

Sent from my
SMRTphone

-------- Original message --------
From:
"commtekman@... [T-368_BC-610]"
<T-368_BC-610@yahoogroups.com>

Date: 06/25/2015 2:28 PM (GMT-06:00)
To: T-368_BC-610@yahoogroups.com

Subject: [T-368_BC-610] T-368 power
connector

Hello,
Anyone know where to find the two pole, ungrounded,
non-polarized
connector for the back of the T-368?

tnx
Bob K6OSM

# 6167. Re: [T-368_BC-610] New Owner of '610i

Yahoo group: T-368_BC-610
Date: 2015-06-26 21:40:58 UTC
From: wa5cab@...
Topic: 6163  Message: 6167

I can't say for certain that this applies to the BC-610-I but Signal Corps serial numbers were normally tied to the Signal Corps Order Number. The Order would have specified the beginning and ending serial numbers. The Order Number included the 2-digit US Federal Fiscal Year (which in those years ran from 01 July of the previous calendar year to 30 June of the current calendar year. So an Order Number ending in -51 could have been issued as early as June, 1950. This, plus a guess at manufacturing lead time, yields a fairly accurate way of dating a piece of equipment made before around 1958.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

In a message dated 06/26/2015 06:06:33 AM Central Daylight Time,
T-368_BC-610@yahoogroups.com writes:
> Good morning Group.
> This is my initial posting here as I'm a new owner / caretaker of a very
> nice BC-610i.
> My first question is in regard to the serial numbering. Does the serial
> number run sequentially from the beginning of production, or by year?
> Thanks.
> Dave w9ocm
>
>
>
>
> Posted by: Dave Mantor <dmj.mantor@...>
>

# 6168. Re: [T-368_BC-610] T-368 power connector

Yahoo group: T-368_BC-610
Date: 2015-06-27 04:08:39 UTC
From: wa5cab@...
Topic: 6157  Message: 6168

The BC-610 has a male on the transmitter and a female on the power cord. Doing it the other way around would make the power cord a suicide cord (or maybe a Darwin Award generator).

In a message dated 06/26/2015 15:03:11 PM Central Daylight Time, T-368_BC-610@yahoogroups.com writes:
> Paul,
>
> I have plenty to go around.
>
> I believe the 610 uses the same connector BUT opposite in gender.
>
> Chris

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

# 6169. Re: [T-368_BC-610] New Owner of '610i

Yahoo group: T-368_BC-610
Date: 2015-06-27 11:11:20 UTC
From: Dave Mantor
Topic: 6163  Message: 6169

Hi Robert.

Here's the serial plate info:
Model BC-610i
Contract 3357-Phila-52
Manufacturer Hallicrafters
Serial # 642

With your knowledge, how would you read that?
Many thanks.
Dave w9ocm

On Fri, Jun 26, 2015 at 5:40 PM, wa5cab@... [T-368_BC-610] <
T-368_BC-610@yahoogroups.com> wrote:

>
>
> I can't say for certain that this applies to the BC-610-I but Signal Corps
> serial numbers were normally tied to the Signal Corps Order Number. The
> Order would have specified the beginning and ending serial numbers. The
> Order Number included the 2-digit US Federal Fiscal Year (which in those
> years ran from 01 July of the previous calendar year to 30 June of the
> current calendar year. So an Order Number ending in -51 could have been
> issued as early as June, 1950. This, plus a guess at manufacturing lead
> time, yields a fairly accurate way of dating a piece of equipment made
> before around 1958.
>
> Robert Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
>
> In a message dated 06/26/2015 06:06:33 AM Central Daylight Time,
> T-368_BC-610@yahoogroups.com writes:
>
> Good morning Group.
> This is my initial posting here as I'm a new owner / caretaker of a very
> nice BC-610i.
> My first question is in regard to the serial numbering. Does the serial
> number run sequentially from the beginning of production, or by year?
> Thanks.
> Dave w9ocm
>
>
>
>

> Posted by: Dave Mantor <dmj.mantor@...>
>
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>
>
>

# 6170. Re: [T-368_BC-610] New Owner of '610i

Yahoo group: T-368_BC-610
Date: 2015-06-27 11:52:32 UTC
From: J. Dave Mayfield
Topic: 6163  Message: 6170

I have a BC-610I Ser# 469

W9WRL

wa5cab@... [T-368_BC-610] wrote:
>
> I can't say for certain that this applies to the BC-610-I but Signal
> Corps serial numbers were normally tied to the Signal Corps Order
> Number. The Order would have specified the beginning and ending serial
> numbers. The Order Number included the 2-digit US Federal Fiscal Year
> (which in those years ran from 01 July of the previous calendar year
> to 30 June of the current calendar year. So an Order Number ending in
> -51 could have been issued as early as June, 1950. This, plus a guess
> at manufacturing lead time, yields a fairly accurate way of dating a
> piece of equipment made before around 1958.
>
> Robert Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
> In a message dated 06/26/2015 06:06:33 AM Central Daylight Time,
> T-368_BC-610@yahoogroups.com writes:
>> Good morning Group.
>> This is my initial posting here as I'm a new owner / caretaker of a
>> very nice BC-610i.
>> My first question is in regard to the serial numbering. Does the
>> serial number run sequentially from the beginning of production, or
>> by year?
>> Thanks.
>> Dave w9ocm
>>
>>
>>
>>
>> Posted by: Dave Mantor <dmj.mantor@...>
>
>
>

# 6171. Re: [T-368_BC-610] New Owner of '610i

Yahoo group: T-368_BC-610
Date: 2015-06-27 15:38:40 UTC
From: wa5cab@...
Topic: 6163  Message: 6171

Dave,

Given that the differences between the BC-610-H and BC-610-I are minor, there wouldn't be any reason Hallicrafters couldn't have started production as soon as they had the Order, I would guess a production date in the Fall of 1951.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

In a message dated 06/27/2015 06:11:23 AM Central Daylight Time, T-368_BC-610@yahoogroups.com writes:
> Hi Robert.
>
>
> Here's the serial plate info:
> Model BC-610i
> Contract 3357-Phila-52
> Manufacturer Hallicrafters
> Serial # 642
>
>
> With your knowledge, how would you read that?
> Many thanks.
> Dave w9ocm
>
>
> On Fri, Jun 26, 2015 at 5:40 PM, wa5cab@... [T-368_BC-610] <
> T-368_BC-610@yahoogroups.com> wrote:
> >> I can't say for certain that this applies to the BC-610-I but Signal
>> Corps serial numbers were normally tied to the Signal Corps Order Number.
>> The Order would have specified the beginning and ending serial numbers.
>> The Order Number included the 2-digit US Federal Fiscal Year (which in
>> those years ran from 01 July of the previous calendar year to 30 June of the
>> current calendar year. So an Order Number ending in -51 could have been
>> issued as early as June, 1950. This, plus a guess at manufacturing lead
>> time, yields a fairly accurate way of dating a piece of equipment made
>> before around 1958.
>>
>> Robert Downs - Houston
>> wa5cab dot com (Web Store)
>> MVPA 9480
>>
>>
>>

>> In a message dated 06/26/2015 06:06:33 AM Central Daylight Time,
>> T-368_BC-610@yahoogroups.com writes:
>>
>>
>> >>> Good morning Group.
>>> This is my initial posting here as I'm a new owner / caretaker of a very
>>> nice BC-610i.
>>> My first question is in regard to the serial numbering. Does the serial
>>> number run sequentially from the beginning of production, or by year?
>>> Thanks.
>>> Dave w9ocm
>>>
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# 6172. Re: [T-368_BC-610] New Owner of '610i

Yahoo group: T-368_BC-610
Date: 2015-06-27 17:30:03 UTC
From: Dave Mantor
Topic: 6163  Message: 6172

Thanks, Robert.
I'm squarely on the road to being a regular-type BC-610i owner / operator.
Each bit of information that I receive is much appreciated.
Dave w9ocm

On Sat, Jun 27, 2015 at 11:38 AM, wa5cab@... [T-368_BC-610] <
T-368_BC-610@yahoogroups.com> wrote:

>
>
> Dave,
>
> Given that the differences between the BC-610-H and BC-610-I are minor,
> there wouldn't be any reason Hallicrafters couldn't have started production
> as soon as they had the Order, I would guess a production date in the Fall
> of 1951.
>
> Robert Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
> In a message dated 06/27/2015 06:11:23 AM Central Daylight Time,
> T-368_BC-610@yahoogroups.com writes:
>
> Hi Robert.
>
>
> Here's the serial plate info:
> Model BC-610i
> Contract 3357-Phila-52
> Manufacturer Hallicrafters
> Serial # 642
>
>
> With your knowledge, how would you read that?
> Many thanks.
> Dave w9ocm
>
>
> On Fri, Jun 26, 2015 at 5:40 PM, wa5cab@... [T-368_BC-610] <
> T-368_BC-610@yahoogroups.com> wrote:
>
> I can't say for certain that this applies to the BC-610-I but Signal
> Corps serial numbers were normally tied to the Signal Corps Order Number.
> The Order would have specified the beginning and ending serial numbers.

> The Order Number included the 2-digit US Federal Fiscal Year (which in
> those years ran from 01 July of the previous calendar year to 30 June of
> the current calendar year. So an Order Number ending in -51 could have
> been issued as early as June, 1950. This, plus a guess at manufacturing
> lead time, yields a fairly accurate way of dating a piece of equipment made
> before around 1958.
>
> Robert Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
>
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>
>
> In a message dated 06/26/2015 06:06:33 AM Central Daylight Time,
> T-368_BC-610@yahoogroups.com writes:
>
>
> Good morning Group.
> This is my initial posting here as I'm a new owner / caretaker of a very
> nice BC-610i.
> My first question is in regard to the serial numbering. Does the serial
> number run sequentially from the beginning of production, or by year?
> Thanks.
> Dave w9ocm
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# 6173. Re: [T-368_BC-610] T-368 power connector

Yahoo group: T-368_BC-610
Date: 2015-06-27 18:08:51 UTC
From: Chris Farley
Topic: 6157  Message: 6173

So... Are you saying it's the same connector at a T368 then?

From: "wa5cab@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
To: T-368_BC-610@yahoogroups.com
Sent: Friday, June 26, 2015 11:08 PM
Subject: Re: [T-368_BC-610] T-368 power connector

The BC-610 has a male on the transmitter and a female on the power cord. Doing it the other way around would make the power cord a suicide cord (or maybe a Darwin Award generator).

In a message dated 06/26/2015 15:03:11 PM Central Daylight Time,
T-368_BC-610@yahoogroups.com writes:

Paul,

I have plenty to go around.

I believe the 610 uses the same connector BUT opposite in gender.

Chris

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

# 6174. Re: [T-368_BC-610] New Owner of '610i

Yahoo group: T-368_BC-610
Date: 2015-06-27 19:08:19 UTC
From: wa5cab@...
Topic: 6163  Message: 6174

Sounds good! What do you have besides the transmitter?

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

In a message dated 06/27/2015 12:30:07 PM Central Daylight Time,
T-368_BC-610@yahoogroups.com writes:
> Thanks, Robert.
> I'm squarely on the road to being a regular-type BC-610i owner / operator.
> Each bit of information that I receive is much appreciated.
> Dave w9ocm
>
>
>
>

# 6175. Re: [T-368_BC-610] New Owner of '610i

Yahoo group: T-368_BC-610
Date: 2015-06-27 21:03:48 UTC
From: Dave Mantor
Topic: 6163  Message: 6175

BC-614 speech amp. I'm using a HQ-145x as receiver for now. Dave w9ocm
On Jun 27, 2015 3:08 PM, "wa5cab@... [T-368_BC-610]" <
T-368_BC-610@yahoogroups.com> wrote:

>
>
> Sounds good! What do you have besides the transmitter?
>
> Robert Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
> In a message dated 06/27/2015 12:30:07 PM Central Daylight Time,
> T-368_BC-610@yahoogroups.com writes:
>
> Thanks, Robert.
> I'm squarely on the road to being a regular-type BC-610i owner /
> operator. Each bit of information that I receive is much appreciated.
> Dave w9ocm
>
>
>
>
>
>
>

# 6176. Re: [T-368_BC-610] T-368 power connector

Yahoo group: T-368_BC-610
Date: 2015-06-27 22:19:29 UTC
From: wa5cab@...
Topic: 6157  Message: 6176

Short answer is yes. I looked at two BC-610-F, a chassis connector salvaged from a BC-610-E, and the connector on the remnant of a T-368 modulator deck and allowing for being made in different decades and probably different contractors, they are all the same. So a power cord that would fit one witll fit the other.

Robert D - Houston

In a message dated 06/27/2015 13:11:56 PM Central Daylight Time, T-368_BC-610@yahoogroups.com writes:
> So... Are you saying it's the same connector at a T368 then?
>
>
> From: "wa5cab@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
> To: T-368_BC-610@yahoogroups.com
> Sent: Friday, June 26, 2015 11:08 PM Subject: Re: [T-368_BC-610] T-368
> power connector
>
>
> The BC-610 has a male on the transmitter and a female on the power cord.
> Doing it the other way around would make the power cord a suicide cord
> (or maybe a Darwin Award generator).
>
> In a message dated 06/26/2015 15:03:11 PM Central Daylight Time,
> T-368_BC-610@yahoogroups.com writes:
>
> >> Paul,
>>
>> I have plenty to go around.
>>
>> I believe the 610 uses the same connector BUT opposite in gender.
>>
>> Chris
>
>
> Robert Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
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>

# 6177. Re: [T-368_BC-610] T-368 power connector

Yahoo group: T-368_BC-610
Date: 2015-06-27 22:35:06 UTC
From: Chris Farley
Topic: 6157  Message: 6177

OK, thanks.  I don't know of a 610 locally, and couldn't find a good photo online showing the chassis connector.  I finally found an image somewhere, and it appeared to be the same plug/socket but of the opposite gender (male on cable, agreed not wise).  Apparently this was not an accurate assessment.  Thanks for the clarification!
Regards, Chris kc9ieq

Sent from my SMRTphone

-------- Original message --------
From: "wa5cab@cs.com [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
Date: 06/27/2015 5:19 PM (GMT-06:00)
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] T-368 power connector

Short answer is yes.  I looked at two BC-610-F, a chassis connector salvaged from a BC-610-E, and the connector on the remnant of a T-368 modulator deck and allowing for being made in different decades and probably different contractors, they are all the same.  So a power cord that would fit one witll fit the other.

Robert D - Houston

In a message dated 06/27/2015 13:11:56 PM Central Daylight Time, T-368_BC-610@yahoogroups.com writes:

So... Are you saying it's the same connector at a T368 then?

From: "wa5cab@cs.com [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>

To: T-368_BC-610@yahoogroups.com

Sent: Friday, June 26, 2015 11:08 PM Subject: Re: [T-368_BC-610] T-368 power connector

  The BC-610 has a male on the transmitter and a female on the power cord.  Doing it the other way around would make the power cord a suicide cord (or maybe a Darwin Award generator).

In a message dated 06/26/2015 15:03:11 PM Central Daylight Time, T-368_BC-610@yahoogroups.com writes:

Paul,

I have plenty to go around.

I believe the 610 uses the same connector BUT opposite in gender.

Chris

Robert Downs - Houston

wa5cab dot com (Web Store)

MVPA 9480

# 6178. Re: [T-368_BC-610] T-368 power connector

Yahoo group: T-368_BC-610
Date: 2015-06-28 03:29:27 UTC
From: wa5cab@...
Topic: 6157  Message: 6178

Chris, you were probably looking at a photo of the supply end of the cable. In the SCR-399, 499 and AN/GRC-26, which is where the BC-610-(*) and T-213/GRC was mostly used, the AC cord from the transmitter plugged into the JB-70 or equivalent, along with the AC cords from the BC-614, and a couple of power supplies or battery chargers. The supply end of the cable was male, of course.

Post the link to the photo and I'll try to confirm.

In a message dated 06/27/2015 17:35:11 PM Central Daylight Time, T-368_BC-610@yahoogroups.com writes:
> OK, thanks. I don't know of a 610 locally, and couldn't find a good
> photo online showing the chassis connector. I finally found an image
> somewhere, and it appeared to be the same plug/socket but of the opposite gender
> (male on cable, agreed not wise). Apparently this was not an accurate
> assessment. Thanks for the clarification!
>
> Regards,
> Chris kc9ieq
>
> Sent from my SMRTphone
>
> -------- Original message --------
> From: "wa5cab@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
> Date: 06/27/2015 5:19 PM (GMT-06:00)
> To: T-368_BC-610@yahoogroups.com
> Subject: Re: [T-368_BC-610] T-368 power connector
>
> Short answer is yes. I looked at two BC-610-F, a chassis connector
> salvaged from a BC-610-E, and the connector on the remnant of a T-368 modulator
> deck and allowing for being made in different decades and probably
> different contractors, they are all the same. So a power cord that would fit one
> witll fit the other.
>
> Robert D - Houston
>
> In a message dated 06/27/2015 13:11:56 PM Central Daylight Time,
> T-368_BC-610@yahoogroups.com writes:
>
>
> >> So... Are you saying it's the same connector at a T368 then?
>>
>>
>> From: "wa5cab@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
>> To: T-368_BC-610@yahoogroups.com

>> Sent: Friday, June 26, 2015 11:08 PM Subject: Re: [T-368_BC-610] T-368
>> power connector
>>
>
>
> The BC-610 has a male on the transmitter and a female on the power cord.
> Doing it the other way around would make the power cord a suicide cord
> (or maybe a Darwin Award generator).
>
> In a message dated 06/26/2015 15:03:11 PM Central Daylight Time,
> T-368_BC-610@yahoogroups.com writes:
>
>
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

# 6179. Re: [T-368_BC-610] T-368 power connector

Yahoo group: T-368_BC-610
Date: 2015-06-28 04:04:03 UTC
From: Dennis DuValll
Topic: 6157  Message: 6179

Anyone have a mating cable end for the power input connector on the JB-70? We need one at Fort MacArthur for our SCR-499 exhibit.

Dennis D. W7QHO
Glendale, CA

**********

> On Jun 27, 2015, at 8:29 PM, wa5cab@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:
>
> Chris, you were probably looking at a photo of the supply end of the cable. In the SCR-399, 499 and AN/GRC-26, which is where the BC-610-(*) and T-213/GRC was mostly used, the AC cord from the transmitter plugged into the JB-70 or equivalent, along with the AC cords from the BC-614, and a couple of power supplies or battery chargers. The supply end of the cable was male, of course.
>
> Post the link to the photo and I'll try to confirm.

# 6180. BC-610E L1 power inductor

Yahoo group: T-368_BC-610
Date: 2015-07-14 12:10:39 UTC
From: mail@...
Topic: 6180  Message: 6180

Hello,

I am in the process of restoring a BC-610E and among the numerous issues I have found I think I am in need of a replacement L1 filter reactor on the RF deck. Specs are: 6Hy, 250ma; 90 ohms DC resistance. The original is a metal cased Stancor item. Found an open power resistor R3 (15k 20W) in the screen supply for the 6V6 oscillator that must have been related to some event that caused all this to go bad.

I had completely stripped this chassis and repainted it and made new silk screens for all the tube labels etc. Lot's of work but in the end I think it will be worth it.

Some strange things were going on in this area and I was really disappointed to find the open filter inductor!

Any help appreciated.
Thanks
Gary Schulz
Chicago, IL

# 6181. Re: BC-610E L1 power inductor

Yahoo group: T-368_BC-610
Date: 2015-07-15 01:00:45 UTC
From: mail@...
Topic: 6180  Message: 6181

Photo added to album titled: Gary's BC-610E, BC-610C and HT-4- showing the RF deck after painting. All chassis have been stripped and I had them Nickel plated for conductivity and corrosion resistance then I repainted them and made silkscreens for all the original lettering. The L1 inductor I am looking for is shown in the picture (after I refurbished it of course!).

Gary

# 6182. wow

Yahoo group: T-368_BC-610
Date: 2015-07-15 13:30:52 UTC
From: Alan Morriss
Topic: 6182  Message: 6182

what a beautiful job gary. it makes me feel quite ashamed ! alan G4GEN

# 6183. BC610E with RS384 in final

Yahoo group: T-368_BC-610
Date: 2015-07-20 20:50:36 UTC
From: radiokid@...
Topic: 6183  Message: 6183

Hi, I have replaced an old Telefunken tube RS384 instead of the original 250TH in the final,and the tube works very well in class B with more output,less driver power,less neutralization C and becomes not red,sitting above the socket of the 250TH without own socket and without drilling any hole in the transmitter.After improving temperature drift the BC610 is working nice with its own tuning units,for example 400watts or more on 20m no problem.
neg.grid voltage is abt 130V screengrid abt 350V plate current over 400mA screeengridcurrent abt 100mA final grid current abt 20mA . for reducing the now very little chirp,I will change the operating parameters next weeks.
greetings from Germany,listen on 20m,will be active there somedays with it in CW midnight.

73 Peter DK6KT

# 6184. JB-70 to BC-312 Cable

Yahoo group: T-368_BC-610
Date: 2015-07-24 17:48:34 UTC
From: bogue182@...
Topic: 6184  Message: 6184

Hi:

Trying to complete a BC-610/SCR399 station and need two items:
1) The cable that runs from the JB-70 Junction Box to
the BC-312 receiver
2) A complete RA-63 Rectifier unit for the BC-312 receiver.

Please email your reply to bogue182@gmail.com.

Thanks for your attention.

Scott NB7N
University Place, WA

# 6185. Re: JB-70 to BC-312 Cable

Yahoo group: T-368_BC-610
Date: 2015-07-25 15:12:47 UTC
From: bogue182@...
Topic: 6184  Message: 6185

I will be checking here. Feel free if you would prefer to reply to my post here.

Scott NB7N

# 6186. Re: JB-70 to BC-312 Cable

Yahoo group: T-368_BC-610
Date: 2015-07-26 06:51:47 UTC
From: Roger@...
Topic: 6184  Message: 6186

Scott,

I replied to you e-mail abut the cable and RA-63, did you get the messages?

73

Roger/G3VKM

---In T-368_BC-610@yahoogroups.com, <bogue182@...> wrote :

I will be checking here. Feel free if you would prefer to reply to my post here.

Scott NB7N

# 6187. Re: JB-70 to BC-312 Cable

Yahoo group: T-368_BC-610
Date: 2015-07-26 16:08:09 UTC
From: bogue182@...
Topic: 6184  Message: 6187

Hi Roger,

I did receive your email. I'll send you a response right away. Thanks for your efforts on my behalf.

73,
Scott

# 6188. Addresses

Yahoo group: T-368_BC-610
Date: 2015-07-28 07:39:06 UTC
From: Raymond Cote
Topic: 6188  Message: 6188

Raymond Cote
Ex US Navy
ET1 (SS)
Submarine service

Ex Univ of Hawaii
Oceanography
underwater volcanology
Seismology

HAM RADIO license. KD9CCZ
Commercial radio telephone
license PG-21-3809
Since 10-30-1987

# 6189. Part needed

Yahoo group: T-368_BC-610
Date: 2015-08-04 05:44:33 UTC
From: commtekman@...
Topic: 6189  Message: 6189

Hello all,

I am finally getting ready to try out my T-368E transmitter. On the PA loading
knob, the little "spinner crank" is missing on mine, I would like to replace the
whole knob or the missing spinner part if that is possible. Any help would be
appreciated.

Thanks
Bob
K6OSM

# 6190. RE: [T-368_BC-610] Part needed

Yahoo group: T-368_BC-610
Date: 2015-08-04 15:15:22 UTC
From: kd1yt@...
Topic: 6189  Message: 6190

They're known as "Raytheon" knobs

I don't know if anyone sells just the spinner part without the rest of the knob.

$urplu$ $ale$ of Nebra$ka carries the full spinner knobs, but at a steep price.

Fair Radio may have them from time to time

Apparently they're still made/ used, although I have no idea on price, vendor channels, or whether you could get the spinner part by itself:

[ http://www.ehcknobs.com/selector/index.php?series=109N&action=step6&level=3&group=109S ]( http://www.ehcknobs.com/selector/index.php?series=109N&action=step6&level=3&group=109S )

good luck & 73

Trevor
KD1YT

-----Original Message-----
From: "commtekman@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
Sent: Tuesday, August 4, 2015 1:44am
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] Part needed

Hello all,

I am finally getting ready to try out my T-368E transmitter. On the PA loading knob, the little "spinner crank" is missing on mine, I would like to replace the whole knob or the missing spinner part if that is possible. Any help would be appreciated.

Thanks
Bob
K6OSM

# 6191. RE: [T-368_BC-610] Part needed

Yahoo group: T-368_BC-610
Date: 2015-08-04 15:37:52 UTC
From: Chris Farley
Topic: 6189  Message: 6191

In defense of SSN, I don't think their pricing is unreasonable (generally) for the low volume items they still stock for the ham and tinkerer market.  That mil spec Raytheon knob would probably be $60+ to buy brand new through the regular channels.  Double check the dimensions, but I believe SSN p/n (KNB) 175-6-2G is the one you're looking for.  If you can find it cheaper elsewhere more power to ya, but I don't think $24 is terribly unreasonable.

Regards, Chris kc9ieq

Sent from my SMRTphone

-------- Original message --------
From: "kd1yt@pshift.com [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
Date: 08/04/2015 10:15 AM (GMT-06:00)
To: T-368_BC-610@yahoogroups.com
Subject: RE: [T-368_BC-610] Part needed

They're known as "Raytheon" knobs

I don't know if anyone sells just the spinner part without the rest of the knob.

$urplu$ $ale$ of Nebra$ka carries the full spinner knobs, but at a steep price.

Fair Radio may have them from time to time

Apparently they're still made/ used, although I have no idea on price, vendor channels, or whether you could get the spinner part by itself:

http://www.ehcknobs.com/selector/index.php?series=109N&action=step6&level=3&group=109S

good luck & 73

Trevor
KD1YT

-----Original Message-----
From: "commtekman@aol.com [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
Sent: Tuesday, August 4, 2015 1:44am
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] Part needed

Hello all,

I am finally getting ready to try out my T-368E transmitter. On the PA loading knob, the little "spinner crank" is missing on mine, I would like to replace the whole knob or the missing spinner part if that is possible. Any help would be appreciated.

Thanks
Bob
K6OSM

# 6192. Re: [T-368_BC-610] Part needed

Yahoo group: T-368_BC-610
Date: 2015-08-04 19:55:16 UTC
From: Joe Foley
Topic: 6189  Message: 6192

Do a search for Dakaware, I think that was the original contractor.
joe

On Tuesday, August 4, 2015 11:37 AM, "Chris Farley kc9ieq@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com> wrote:

In defense of SSN, I don't think their pricing is unreasonable (generally) for the low volume items they still stock for the ham and tinkerer market. That mil spec Raytheon knob would probably be $60+ to buy brand new through the regular channels. Double check the dimensions, but I believe SSN p/n (KNB) 175-6-2G is the one you're looking for. If you can find it cheaper elsewhere more power to ya, but I don't think $24 is terribly unreasonable.

Regards, Chris kc9ieq

Sent from my SMRTphone

-------- Original message --------
From: "kd1yt@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
Date: 08/04/2015 10:15 AM (GMT-06:00)
To: T-368_BC-610@yahoogroups.com
Subject: RE: [T-368_BC-610] Part needed

They're known as "Raytheon" knobs I don't know if anyone sells just the spinner part without the rest of the knob. $urplu$ $ale$ of Nebra$ka carries the full spinner knobs, but at a steep price. Fair Radio may have them from time to time Apparently they're still made/ used, although I have no idea on price, vendor channels, or whether you could get the spinner part by itself: http://www.ehcknobs.com/selector/index.php?series=109N&action=step 6&level=3&group=109S good luck & 73 TrevorKD1YT -----Original Message-----
From: "commtekman@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
Sent: Tuesday, August 4, 2015 1:44am
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] Part needed

Hello all, I am finally getting ready to try out my T-368E transmitter. On the PA loadingknob, the little "spinner crank" is missing on mine, I would like to replace thewhole knob or the missing spinner part if that is possible. Any help would beappreciated. ThanksBobK6OSM

# 6193. RE: [T-368_BC-610] Part needed

Yahoo group: T-368_BC-610
Date: 2015-08-04 20:47:55 UTC
From: kd1yt@...
Topic: 6189  Message: 6193

Fair points about SSN and the fact that they are carrying niche materials for a niche market in an era that's well past the bounteous tide of cheap surplus. I am glad that they exist and have bought things from them...

73

-----Original Message-----
From: "Chris Farley kc9ieq@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
Sent: Tuesday, August 4, 2015 11:37am
To: "kd1yt@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
Subject: RE: [T-368_BC-610] Part needed

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Regards,
Chris kc9ieq

Sent from my SMRTphone

-------- Original message --------
From: "kd1yt@pshift.com [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
Date: 08/04/2015 10:15 AM (GMT-06:00)
To: T-368_BC-610@yahoogroups.com
Subject: RE: [T-368_BC-610] Part needed

They're known as "Raytheon" knobs

I don't know if anyone sells just the spinner part without the rest of the knob.

$urplu$ $ale$ of Nebra$ka carries the full spinner knobs, but at a steep price.

Fair Radio may have them from time to time

Apparently they're still made/ used, although I have no idea on price, vendor channels, or whether you could get the spinner part by itself:

[ http://www.ehcknobs.com/selector/index.php?series=109N&action=step6&level=3&group=109S ]( http://www.ehcknobs.com/selector/index.php?series=109N&action=step6&level=3&group=109S )

good luck & 73

Trevor
KD1YT

-----Original Message-----
From: "commtekman@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
Sent: Tuesday, August 4, 2015 1:44am
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] Part needed

Hello all,

I am finally getting ready to try out my T-368E transmitter. On the PA loading knob, the little "spinner crank" is missing on mine, I would like to replace the whole knob or the missing spinner part if that is possible. Any help would be appreciated.

Thanks
Bob
K6OSM

# 6194. Re: [T-368_BC-610] Part needed

Yahoo group: T-368_BC-610
Date: 2015-08-05 06:12:03 UTC
From: commtekman@...
Topic: 6189  Message: 6194

Thanks for the help, I believe the knob that SSN has is probably the right one and I have ordered it. The next problem is that neither blower came on when the filament CB was thrown. It looks like I have a project for the winter.

Thanks again,
Bob K6OSM

In a message dated 8/4/2015 8:37:59 A.M. Pacific Daylight Time, T-368_BC-610@yahoogroups.com writes:

In defense of SSN, I don't think their pricing is unreasonable (generally) for the low volume items they still stock for the ham and tinkerer market. That mil spec Raytheon knob would probably be $60+ to buy brand new through the regular channels. Double check the dimensions, but I believe SSN p/n (KNB) 175-6-2G is the one you're looking for. If you can find it cheaper elsewhere more power to ya, but I don't think $24 is terribly unreasonable.

Regards,
Chris kc9ieq

Sent from my SMRTphone

-------- Original message --------
From: "kd1yt@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
Date: 08/04/2015 10:15 AM (GMT-06:00)
To: T-368_BC-610@yahoogroups.com
Subject: RE: [T-368_BC-610] Part needed

They're known as "Raytheon" knobs
I don't know if anyone sells just the spinner part without the rest of the knob.
$urplu$ $ale$ of Nebra$ka carries the full spinner knobs, but at a steep price.
Fair Radio may have them from time to time
Apparently they're still made/ used, although I have no idea on price, vendor channels, or whether you could get the spinner part by itself:
http://www.ehcknobs.com/selector/index.php?series=109N&action=step6&level=3&group=109S
good luck & 73
Trevor
KD1YT
-----Original Message-----
From: "commtekman@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
Sent: Tuesday, August 4, 2015 1:44am
To: T-368_BC-610@yahoogroups.com

Subject: [T-368_BC-610] Part needed

Hello all,

I am finally getting ready to try out my T-368E transmitter. On the PA loading
knob, the little "spinner crank" is missing on mine, I would like to replace the
whole knob or the missing spinner part if that is possible. Any help would be
appreciated.

Thanks
Bob
K6OSM

# 6195. BC-610 Swinging choke needed

Yahoo group: T-368_BC-610
Date: 2015-08-05 13:27:53 UTC
From: mail@...
Topic: 6195  Message: 6195

Hello,

Still in need of L1 on the RF deck. It is a screen supply swinging choke with a rating of 6Hy @ 200mA. Has anyone found a modern replacement that would work in this application? I was thinking I could just re-stuff the original Stancor housing with a new part but I am unsure how close to the original values I need to get.
Thoughts?

Thanks
Gary

# 6196. WANTED: 100TH Tubes

Yahoo group: T-368_BC-610
Date: 2015-08-13 12:36:44 UTC
From: bogue182@...
Topic: 6196  Message: 6196

Hi:

Trying to complete a BC-610/SCR399 station and need two 100TH tubes in good working order.

If you have this item or know where it might be located please let me know.

Thank you for your kind attention.

Scott Bogue NB7N
University Place, WA USA

# 6197. Re: [T-368_BC-610] WANTED: 100TH Tubes

Yahoo group: T-368_BC-610
Date: 2015-08-13 15:56:16 UTC
From: Dave Mantor
Topic: 6196  Message: 6197

Hi Scott.
I wish you well in your search for the 100th tubes. If by chance, you find a source that has more than you need, would you let me know? I'd like a back-up tube or 2 plus the 250ths for my reserve.
Many thanks.
Dave w9ocm

On Thu, Aug 13, 2015 at 8:36 AM, bogue182@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:

>
>
> Hi:
>
> Trying to complete a BC-610/SCR399 station and need two 100TH tubes in
> good working order.
>
> If you have this item or know where it might be located please let me know.
>
> Thank you for your kind attention.
>
> Scott Bogue NB7N
> University Place, WA USA
>
>

# 6198. Re: WANTED: 100TH Tubes

Yahoo group: T-368_BC-610
Date: 2015-08-13 20:48:40 UTC
From: Roger@...
Topic: 6196  Message: 6198

Hi Scott,

Hope your quest is successful.

I wonder if anyone has experience of shipping 100 and 250THs and could maybe suggest what can be done to minimise damage in transit? A few years ago, I bought a NOS new-in-box 250TH from a dealer in Manchester who shipped it to me via the UK Post Office (now Royal Mail), a journey of less than 200 miles. Despite being further protected by a outer box full of bubble-warp, the 250TH was shocked so violently that the entire electrode structure separated from the supporting rods - but the envelope was intact. I have seen (on ebay) photos of 250THs in a shipping frame and wonder if anyone has used a frame for shipping in recent times? How were these valves packed when in the SCR-299, etc, and how come they appeared to survive "hopping shell holes"* in a standard truck but succumbed to the mail service?

* "Voice of Victory" reel 1.

73

Roger/G3VKM

---In T-368_BC-610@yahoogroups.com, <bogue182@...> wrote :

Hi:

Trying to complete a BC-610/SCR399 station and need two 100TH tubes in good working order.

If you have this item or know where it might be located please let me know.

Thank you for your kind attention.

Scott Bogue NB7N
University Place, WA USA

# 6199. Re: [T-368_BC-610] Re: WANTED: 100TH Tubes

Yahoo group: T-368_BC-610
Date: 2015-08-13 21:12:35 UTC
From: Dave Mantor
Topic: 6196  Message: 6199

It would take some time, but perhaps a piece of Styrofoam hollowed out in the shape of the tube and then bubble-wrapped wrapped. I wonder if that would work?

Dave w9ocm

On Thu, Aug 13, 2015 at 4:48 PM, Roger@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:

> 
> 
> Hi Scott,
> 
> Hope your quest is successful.
> 
> I wonder if anyone has experience of shipping 100 and 250THs and could maybe suggest what can be done to minimise damage in transit? A few years ago, I bought a NOS new-in-box 250TH from a dealer in Manchester who shipped it to me via the UK Post Office (now Royal Mail), a journey of less than 200 miles. Despite being further protected by a outer box full of bubble-warp, the 250TH was shocked so violently that the entire electrode structure separated from the supporting rods - but the envelope was intact. I have seen (on ebay) photos of 250THs in a shipping frame and wonder if anyone has used a frame for shipping in recent times? How were these valves packed when in the SCR-299, etc, and how come they appeared to survive "hopping shell holes"* in a standard truck but succumbed to the mail service?
> 
> * "Voice of Victory" reel 1.
> 
> 73
> 
> Roger/G3VKM
> 
> 
> ---In T-368_BC-610@yahoogroups.com, <bogue182@...> wrote :
> 
> Hi:
> 
> Trying to complete a BC-610/SCR399 station and need two 100TH tubes in good working order.
> 
> If you have this item or know where it might be located please let me know.
> 
> Thank you for your kind attention.
> 

> Scott Bogue NB7N
> University Place, WA USA
>
>
>

# 6200. Re: [T-368_BC-610] Re: WANTED: 100TH Tubes

Yahoo group: T-368_BC-610
Date: 2015-08-14 00:07:58 UTC
From: Brian Harris
Topic: 6196  Message: 6200

I have purchased and received intact 100TH and 250TH that were packed gawdawful amounts of bubble wrap in sufficiently large boxes. I have also received multiple RK65 and 250TH in factory boxes in which the tubes were supported by several springs, allowing the tubes to bounce around in a limited fashion. No bubble wrap was used as it didn't exist at the time. As an aside, The University of Oklahoma has a competition each year in which students devise ways to encompass an egg so that it won't break when dropped from a tall building. You might find some info on the internet about the winning methods. Brian wa5uek

Sent from my iPhone

> On Aug 13, 2015, at 3:48 PM, Roger@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:
>
> Hi Scott,
>
> Hope your quest is successful.
>
> I wonder if anyone has experience of shipping 100 and 250THs and could maybe suggest what can be done to minimise damage in transit? A few years ago, I bought a NOS new-in-box 250TH from a dealer in Manchester who shipped it to me via the UK Post Office (now Royal Mail), a journey of less than 200 miles. Despite being further protected by a outer box full of bubble-warp, the 250TH was shocked so violently that the entire electrode structure separated from the supporting rods - but the envelope was intact. I have seen (on ebay) photos of 250THs in a shipping frame and wonder if anyone has used a frame for shipping in recent times? How were these valves packed when in the SCR-299, etc, and how come they appeared to survive "hopping shell holes"* in a standard truck but succumbed to the mail service?
>
> * "Voice of Victory" reel 1.
>
> 73
>
> Roger/G3VKM
>
>
>
> ---In T-368_BC-610@yahoogroups.com, <bogue182@...> wrote :
>
> Hi:
>
> Trying to complete a BC-610/SCR399 station and need two 100TH tubes in good working order.
>
> If you have this item or know where it might be located please let me know.
>

> Thank you for your kind attention.
>
> Scott Bogue NB7N
> University Place, WA USA
>

# 6201. Re: [T-368_BC-610] Re: WANTED: 100TH Tubes

Yahoo group: T-368_BC-610
Date: 2015-08-14 01:17:25 UTC
From: Dennis DuValll
Topic: 6196  Message: 6201

I’ve read that there was a high DOA rate on these tubes in WW2 even with the shipping frames. Survival rate installed in theater radios must have been significant as well.

Dennis D. W7QHO
Glendale, CA

**********

> On Aug 13, 2015, at 1:48 PM, Roger@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:
>
> Hi Scott,
>
> Hope your quest is successful.
>
> I wonder if anyone has experience of shipping 100 and 250THs and could maybe suggest what can be done to minimise damage in transit? A few years ago, I bought a NOS new-in-box 250TH from a dealer in Manchester who shipped it to me via the UK Post Office (now Royal Mail), a journey of less than 200 miles. Despite being further protected by a outer box full of bubble-warp, the 250TH was shocked so violently that the entire electrode structure separated from the supporting rods - but the envelope was intact. I have seen (on ebay) photos of 250THs in a shipping frame and wonder if anyone has used a frame for shipping in recent times? How were these valves packed when in the SCR-299, etc, and how come they appeared to survive "hopping shell holes"* in a standard truck but succumbed to the mail service?
>
> * "Voice of Victory" reel 1.
>
> 73
>
> Roger/G3VKM
>
>
> ---In T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610@yahoogroups.com>, <bogue182@...> wrote :
>
>
> Hi:
>
> Trying to complete a BC-610/SCR399 station and need two 100TH tubes in good working order.
>
> If you have this item or know where it might be located please let me know.
>
> Thank you for your kind attention.
>

> Scott Bogue NB7N
> University Place, WA USA
>
>

# 6202. Re: [T-368_BC-610] Re: WANTED: 100TH Tubes

Yahoo group: T-368_BC-610
Date: 2015-08-14 03:14:37 UTC
From: Dave Mantor
Topic: 6196  Message: 6202

Especially if we were to order eggs along with the 250THs. (I'm kidding).
Sounds like a good idea.
Dave w9ocm
On Aug 13, 2015 8:07 PM, "Brian Harris cosmophone@... [T-368_BC-610]"
<T-368_BC-610@yahoogroups.com> wrote:

>
>
> I have purchased and received intact 100TH and 250TH that were packed
> gawdawful amounts of bubble wrap in sufficiently large boxes. I have also
> received multiple RK65 and 250TH in factory boxes in which the tubes were
> supported by several springs, allowing the tubes to bounce around in a
> limited fashion. No bubble wrap was used as it didn't exist at the time.
> As an aside, The University of Oklahoma has a competition each year in
> which students devise ways to encompass an egg so that it won't break when
> dropped from a tall building. You might find some info on the internet
> about the winning methods. Brian wa5uek
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> Sent from my iPhone
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>
>
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> Hi Scott,
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> Hope your quest is successful.
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> ago, I bought a NOS new-in-box 250TH from a dealer in Manchester who
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> than 200 miles. Despite being further protected by a outer box full of
> bubble-warp, the 250TH was shocked so violently that the entire electrode
> structure separated from the supporting rods - but the envelope was intact.
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> anyone has used a frame for shipping in recent times? How were these valves
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>
> * "Voice of Victory" reel 1.
>
> 73

>
> Roger/G3VKM
>
>
> ---In T-368_BC-610@yahoogroups.com, <bogue182@...> wrote :
>
> Hi:
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> Trying to complete a BC-610/SCR399 station and need two 100TH tubes in
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>
> If you have this item or know where it might be located please let me know.
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> Thank you for your kind attention.
>
> Scott Bogue NB7N
> University Place, WA USA
>
>
>

# 6203. Re: [T-368_BC-610] Re: WANTED: 100TH Tubes

Yahoo group: T-368_BC-610
Date: 2015-08-14 04:31:50 UTC
From: wa5cab@...
Topic: 6196  Message: 6203

Well, experience suggest that USPS and Royal Mail are harder on parts than combat. :-) I have also shipped Eimac tubes (several 75TH to several recipients) and had them arrive with the grid and cathode structure rattling around inside of the envelope in small pieces. After that experience, I made a rule to never ship the 75 watt or larger transmitting tubes in boxes that met standard specs (i.e., minimum of 2" padding on all six sides). Since then, I have successfully shipped tubes up to the size of 450TH by following this rule. Ship in a box whose length and width are at least 1-1/2 to 2 times the height, and clearly marked on top with TOP, on bottom with BOTTOM and on the four sides with large arrows and the word UP. The height should be at least 4 inches greater that the height of the tube in its normal upright operating position. Obviously this will be a very large box and you will certainly have to pay a size penalty (the equivalent shipping weight may be three times the actual weight or more).

The idea is that by having the height of the box significantly less than the other two dimensions, the average uncaring transport employee will naturally tend to keep it that way. And it does seem to work at least part of the time.

The same comments apply to tubes like the 810, 813, 35T 872 and 211 (VT-4-C). Package them upright and in a box whose shape encourages the handlers to keep it upright.

Speaking of 211's, after about 5 years of intermittently looking, I finally located the box of 211's that I knew was around here somewhere. Some years ago, someone was holding up ordering a set of connectors for a BC-191 or BC-375 until I located the tubes. If you are still on this list and still need the connectors, I found the tubes. I still need to test the heaters but there were no bits of wire rattling around inside so they are probably OK.

In a message dated 08/13/2015 15:48:42 PM Central Daylight Time, T-368_BC-610@yahoogroups.com writes:
> Hi Scott,
>
> Hope your quest is successful.
>
> I wonder if anyone has experience of shipping 100 and 250THs and could
> maybe suggest what can be done to minimise damage in transit? A few years ago,
> I bought a NOS new-in-box 250TH from a dealer in Manchester who shipped it
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> a frame for shipping in recent times? How were these valves packed when in

> the SCR-299, etc, and how come they appeared to survive "hopping shell
> holes"* in a standard truck but succumbed to the mail service?
>
> * "Voice of Victory" reel 1.
>
> 73
>
> Roger/G3VKM

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

# 6204. Re: [T-368_BC-610] WANTED: 100TH Tubes

Yahoo group: T-368_BC-610
Date: 2015-08-14 05:20:59 UTC
From: James Littlewood
Topic: 6196  Message: 6204

Both tubes are available on eBay they are supplied in the shipping boxes good luck
James

Sent from my iPhone

> On 13 Aug 2015, at 16:56, Dave Mantor dmj.mantor@... [T-368_BC-610]
<T-368_BC-610@yahoogroups.com> wrote:
>
> Hi Scott.
> I wish you well in your search for the 100th tubes. If by chance, you find a source that has more than you need, would you let me know? I'd like a back-up tube or 2 plus the 250ths for my reserve.
> Many thanks.
> Dave w9ocm
>
>> On Thu, Aug 13, 2015 at 8:36 AM, bogue182@yahoo.com [T-368_BC-610]
<T-368_BC-610@yahoogroups.com> wrote:
>>
>> Hi:
>>
>> Trying to complete a BC-610/SCR399 station and need two 100TH tubes in good working order.
>>
>> If you have this item or know where it might be located please let me know.
>>
>> Thank you for your kind attention.
>>
>> Scott Bogue NB7N
>> University Place, WA USA
>>
>
>

# 6205. Re: [T-368_BC-610] WANTED: 100TH Tubes

Yahoo group: T-368_BC-610
Date: 2015-08-14 08:49:48 UTC
From: Roger@...
Topic: 6196  Message: 6205

Thanks all,

The Styrofoam suggestion is a good one. A few years ago I sold a pair of Mullard DO60 triodes to a Japanese audiophile/collector who shipped me a large box containing two separate boxes each with a shaped foam inner moulding especially shaped to fit a DO60. I've often wondered if he had a library of similar boxes for other tubes. I suppose one could use one of those kits that have a foam injector and a bag which you shape around whatever it is you're packing and which sets into a Styrofoam-like foam on curing.

73

Roger/G3VKM

# 6206. Re: [T-368_BC-610] Re: WANTED: 100TH Tubes

Yahoo group: T-368_BC-610
Date: 2015-08-14 11:41:43 UTC
From: Mike Durff
Topic: 6196  Message: 6206

My 250TH were shipped in the original cartons. Inside were metal frames with spring loaded collars around the top and bottom of each tube. I know this is beyond the scope of what an individual can do. But, I would take Robert's suggestion one step farther, another box with 2" to 3" of packing peanuts around all sides of the inside box. Yes, you will pay more for dimensional weight, but IMHO, it's worth it.TNX, Mike, K4TQF

# 6207. Re: [T-368_BC-610] Re: WANTED: 100TH Tubes

Yahoo group: T-368_BC-610
Date: 2015-08-14 17:10:40 UTC
From: ken Schwieker
Topic: 6196  Message: 6207

The following is my take on packing delicate items. YMMV.
Irreplaceable or scarce tubes or items are worth some additional
packing time to lessen the chance of shipping/handling damage.

The goal is to decelerate the item after a shock in a somewhat linear
manner over a long enough time to minimize the peak g force
experienced and to return the item to it's original position for
continued protection.

The tube should be packed in a smaller carton inside a larger one
with the shock absorbing material.between.

Solid chunks of Styrofoam are not suitable for packing delicate
items. Way too ridged. Any g forces on the carton is transferred to
the packed item. Probably would protect the tube from breakage but
can allow the internal elements to be subjected to excessive g forces.

Styrofoam peanuts are better but if packed tightly enough to prevent
shifting do not have enough give to give the item much protection
from shock. Even if loose, may not produce a predictable suitable give.

Bubblewrap also is better but again does have enough give to afford
sufficient protection.

Foam rubber as in mattress pads etc is the best choice if installed
correctly. Egg carton cut foam rubber offers built in fingers and can
be used successfully. Continuous foam rubber for heavier items would
be appropriate but too much for lighter items will lessen the give
and decrease the protection.

For lighter items one way is to glue the ends of foam rubber fingers
from the inner to the outer carton in a sufficient quantity to
afford the desired protection considering the weight of the object.
The length of the fingers needs to be long enough so the inner carton
won't slam against the outer carton.

The end of the inner carton can be opened and the tube removed
without disturbing the foam rubber suspension so the box can be reused as is.

Egg carton cut foam rubber offers built in fingers and can be used
successfully. Continuous foam rubber for heavier items would be
appropriate but too much for lighter items will lessen the give and
decrease the protection.

The foam rubber suspension system is comparable to the original metal
frame and spring setup used on vintage tubes.

Ken S

I wonder if anyone has experience of shipping 100 and 250THs and could maybe suggest what can be done to minimise damage in transit? A few years ago, I bought a NOS new-in-box 250TH from a dealer in Manchester who shipped it to me via the UK Post Office (now Royal Mail), a journey of less than 200 miles. Despite being further protected by a outer box full of bubble-warp, the 250TH was shocked so violently that the entire electrode structure separated from the supporting rods - but the envelope was intact. I have seen (on ebay) photos of 250THs in a shipping frame and wonder if anyone has used a frame for shipping in recent times? How were these valves packed when in the SCR-299, etc, and how come they appeared to survive "hopping shell holes"* in a standard truck but succumbed to the mail service?

>Roger/G3VKM

# 6208. Re: [T-368_BC-610] Re: WANTED: 100TH Tubes

Yahoo group: T-368_BC-610
Date: 2015-08-14 22:35:05 UTC
From: Ed Zeranski
Topic: 6196  Message: 6208

I've had luck (so far) double boxing tubes etc. The item gets wrapped in bubble wrap then fitted in the smaller inner box. After that I pack the item/little box in a sturdy larger box packed with hand crumpled/balled up newspaper. The balled up newsprint idea originally came from Fair Radio Sales stuff I bought back in the Dymo-Tape days. Both boxes get taped with filament tape. Now.....a critical part....I use the US Postal Service for all my BoatAnchor shipping. UPS ( Universal Package Smashers) has croaked several well packed and non-replaceable pieces. I've never lost a BoatAnchor or part with USPS. Before I retired we used FedEx a lot, global shipping and third world countries, but even they had had some major mess-ups.

EdZ KG6UTS

On 08/14/2015 10:10 AM, ken Schwieker ksweek@...
[T-368_BC-610] wrote:
> The tube should be packed in a smaller carton inside a larger one with
> the shock absorbing material.between.
>
>

# 6209. Re: [T-368_BC-610] Re: WANTED: 100TH Tubes

Yahoo group: T-368_BC-610
Date: 2015-08-14 22:41:38 UTC
From: Dave Mantor
Topic: 6196  Message: 6209

I wasn't the one who started this thread, but I've read many great ideas
from an array of different experiences. Thanks, Guys, for all the input.
I'm hoping to get started on my '610i after mowing is done. A few other
"to do" bits of stuff, too.

Dave w9ocm

On Fri, Aug 14, 2015 at 6:35 PM, Ed Zeranski edzeranski@...
[T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:

>
>
> I've had luck (so far) double boxing tubes etc. The item gets wrapped in
> bubble wrap then fitted in the smaller inner box. After that I pack the
> item/little box in a sturdy larger box packed with hand crumpled/balled up
> newspaper. The balled up newsprint idea originally came from Fair Radio
> Sales stuff I bought back in the Dymo-Tape days. Both boxes get taped with
> filament tape. Now.....a critical part....I use the US Postal Service for
> all my BoatAnchor shipping. UPS ( Universal Package Smashers) has croaked
> several well packed and non-replaceable pieces. I've never lost a
> BoatAnchor or part with USPS. Before I retired we used FedEx a lot, global
> shipping and third world countries, but even they had had some major
> mess-ups.
>
>
>
>
> EdZ KG6UTS
>
> On 08/14/2015 10:10 AM, ken Schwieker ksweek@...
> [T-368_BC-610] wrote:
>
>
> The tube should be packed in a smaller carton inside a larger one with the
> shock absorbing material.between.
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# 6210. Re: [T-368_BC-610] Re: WANTED: 100TH Tubes

Yahoo group: T-368_BC-610
Date: 2015-08-14 22:41:25 UTC
From: Mark Donaldson
Topic: 6196  Message: 6210

The other thing you have to look out for when buying tubes of this type and of WW2 vintage is that the metal to glass seals begin to or have been slowly leaking over the years and the tubes even if unused have gone gassy.

On Friday, August 14, 2015 6:35 PM, "Ed Zeranski edzeranski@cox.net [T-368_BC-610]" <T-368_BC-610@yahoogroups.com> wrote:

I've had luck (so far) double boxing tubes etc. The item gets wrapped in bubble wrap then fitted in the smaller inner box. After that I pack the item/little box in a sturdy larger box packed with hand crumpled/balled up newspaper. The balled up newsprint idea originally came from Fair Radio Sales stuff I bought back in the Dymo-Tape days. Both boxes get taped with filament tape. Now.....a critical part....I use the US Postal Service for all my BoatAnchor shipping. UPS ( Universal Package Smashers) has croaked several well packed and non-replaceable pieces. I've never lost a BoatAnchor or part with USPS. Before I retired we used FedEx a lot, global shipping and third world countries, but even they had had some major mess-ups.

EdZ KG6UTS

On 08/14/2015 10:10 AM, ken Schwieker ksweek@... [T-368_BC-610] wrote:

The tube should be packed in a smaller carton inside a larger one with the shock absorbing material.between.

# 6211. Re: [T-368_BC-610] Re: WANTED: 100TH Tubes

Yahoo group: T-368_BC-610
Date: 2015-08-15 06:55:20 UTC
From: Roger@...
Topic: 6196  Message: 6211

As the person who did start the thread I echo Dave's comments!

73

Roger/G3VKM

---In T-368_BC-610@yahoogroups.com, <dmj.mantor@...> wrote :

I wasn't the one who started this thread, but I've read many great ideas from an array of different experiences. Thanks, Guys, for all the input.
I'm hoping to get started on my '610i after mowing is done. A few other "to do" bits of stuff, too.

Dave w9ocm

# 6212. t-368 plate choke

Yahoo group: T-368_BC-610
Date: 2015-08-18 16:22:59 UTC
From: ab3ht@...
Topic: 6212  Message: 6212

I have modified my rf deck to feed the high voltage at the anode of the 4-400, rather than using the series feed through the output tank (as was the original setup)
I have a homebrew plate choke and rf capacitor installed in the conventional manner.
Use on 160 , 75-80 and 40 present no problems.
Last evening I tried out the Monday night 20 m group @ 14.330mhz.
seems my choke is resonant at 20m, or there about.
So.. question is, anyone have a good proven solution to this, I.E. do you know what choke will work?
Some info. garnered on the net tells me the B&W 800 may work, then others say the 802 model has to be used if 160m is desired.
Or, any ideas on how to home brew one that won't burn up on 20?
Thanks, Ed , AB3HT

# 6213. Re: t-368 plate choke

Yahoo group: T-368_BC-610
Date: 2015-08-18 17:01:59 UTC
From: Mike Durff
Topic: 6212  Message: 6213

175 turns of # 22 on a 1 inch diameter  piece of PVC should do.  Photo attached.  I'm not running a T-3, but I am driving a 4-400 using a T-3 exciter.

[Non-text portions of this message have been removed]

# 6214. Re: WANTED: 100TH Tubes

Yahoo group: T-368_BC-610
Date: 2015-08-24 14:14:38 UTC
From: bogue182@...
Topic: 6196  Message: 6214

Thank you to everyone for replying to this thread. This turned out to be a wonderful collection of very helpful knowledge and experience from a variety of people. I have located and am closing deals on several tubes. Thank you to everyone for contributing and your leads in finding these parts.

Scott. NB7N
bogue182 - gmail.com

# 6215. Tube list

Yahoo group: T-368_BC-610
Date: 2015-08-29 23:45:14 UTC
From: David
Topic: 6215  Message: 6215

Has anyone compiled a tube list for the T-368?
Regards
David k7iou

# 6216. Re: [T-368_BC-610] Tube list

Yahoo group: T-368_BC-610
Date: 2015-08-30 12:09:04 UTC
From: Ed Heimbach
Topic: 6215  Message: 6216

This list I just compiled from the schematic for the B and C model.
I believe it to be complete. Enjoy. Ed AB3HT
Master osc. 57491st buffer 57491st multiplier 6ah6 2nd multiplier 6ah6 3rd multiplier 6ah6 intermediate amp. 6000
 1st and 2nd AF amp 12at7 3rd and 4th AF amp 5814clipper 6c4wsidetone osc. 5814audio driver 6c4wmodulators 4d21 / 4-125
PA  4-400clamp 5933voltage reg. OA-2 (5 per) HV rectifiers 3b28LV rectifiers 5r4wgaBias rectifier 5r4wga keying diode 5726keying relay control 6ah6protective relay control 6ah6

On Saturday, August 29, 2015 7:45 PM, "David k7iou1@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com> wrote:

  Has anyone compiled a tube list for the T-368?
Regards
David k7iou

# 6217. Re: [T-368_BC-610] Tube list

Yahoo group: T-368_BC-610
Date: 2015-08-30 13:27:12 UTC
From: David
Topic: 6215  Message: 6217

Ed, Thank you!
David k7iou

On Aug 30, 2015, at 5:09 AM, "Ed Heimbach supermechanic18360@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com> wrote:

This list I just compiled from the schematic for the B and C model.
I believe it to be complete.
Enjoy. Ed AB3HT

Master osc. 5749
1st buffer 5749
1st multiplier 6ah6
2nd multiplier 6ah6
3rd multiplier 6ah6
intermediate amp. 6000

1st and 2nd AF amp 12at7
3rd and 4th AF amp 5814
clipper 6c4w
sidetone osc. 5814
audio driver 6c4w
modulators 4d21 / 4-125
PA 4-400
clamp 5933
voltage reg. OA-2 (5 per)
HV rectifiers 3b28
LV rectifiers 5r4wga
Bias rectifier 5r4wga
keying diode 5726
keying relay control 6ah6
protective relay control 6ah6

On Saturday, August 29, 2015 7:45 PM, "David k7iou1@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com> wrote:

Has anyone compiled a tube list for the T-368?
Regards
David k7iou

# 6218. Re: [T-368_BC-610] Tube list

Yahoo group: T-368_BC-610
Date: 2015-08-30 20:00:15 UTC
From: Dennis DuValll
Topic: 6215  Message: 6218

Good list.

The “Basic” (first) T-368 model did not include V23, the 6AH6 protective relay control tube and hence
no protection for the 6000 Intermediate Amp. in the event of excitation failure. The 6000 in turn appears
to be unique to the T-368. Anyone ever seen one in any other piece of equipment?

The 5933 Clamp tube is the military version of the “skinny” 807W. The metal shroud mounted above the
tube’s socket prevents the insertion and use of a “regular" 807 in this circuit.

Dennis D. W7QHO
Glendale, CA

**********

> On Aug 30, 2015, at 5:09 AM, Ed Heimbach supermechanic18360@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:
>
>
> This list I just compiled from the schematic for the B and C model.
> I believe it to be complete.
> Enjoy. Ed AB3HT
>
> Master osc. 5749
> 1st buffer 5749
> 1st multiplier 6ah6
> 2nd multiplier 6ah6
> 3rd multiplier 6ah6
> intermediate amp. 6000
>
> 1st and 2nd AF amp 12at7
> 3rd and 4th AF amp 5814
> clipper 6c4w
> sidetone osc. 5814
> audio driver 6c4w
> modulators 4d21 / 4-125
> PA 4-400
> clamp 5933
> voltage reg. OA-2 (5 per)
> HV rectifiers 3b28
> LV rectifiers 5r4wga
> Bias rectifier 5r4wga
> keying diode 5726
> keying relay control 6ah6

> protective relay control 6ah6
>
>
>
>
>
> On Saturday, August 29, 2015 7:45 PM, "David k7iou1@... <mailto:k7iou1@...m>
[T-368_BC-610]" <T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610@yahoogroups.com>>
wrote:
>
>
>
> Has anyone compiled a tube list for the T-368?
> Regards
> David k7iou
>
>
>
>

# 6219. MFP - what chemicals were used?

Yahoo group: T-368_BC-610
Date: 2015-09-10 16:19:03 UTC
From: Roger@...
Topic: 6219  Message: 6219

Hi All,

A discussion on another forum caught my eye, it is regarding cleaning off old partially-removed MFP coatings from a BC-191 and whether there were any health risks likely to occur. Does anyone know the chemicals used in the original process and the method of application?

TIA,

Roger/G3VKM

# 6220. FS: Original Crystals

Yahoo group: T-368_BC-610
Date: 2015-10-09 11:51:13 UTC
From: Bry Carling AF4K
Topic: 6220  Message: 6220

FOR SALE: Original Crystals
Old stock crystals, from the tube era - not reworked.
Fully tested. Available as follows:

FT243
1990 kHz QTY 1 - $18.00
3535 kHz (AX2 case) QTY 1 - $16.00
3550 kHz QTY 1 - $18.00
3595 kHz QTY 1 - $16.00
3642 kHz QTY 1 - $16.00
3655 kHz QTY 1 - $12.00
3680 kHz QTY 1 - $12.00
3735 kHz QTY 1 - $16.00
3797 kHz QTY 1 - $16.00
3805 kHz QTY 1 - $16.00
3820 kHz QTY 2 - $16.00 ea.
3835 kHz QTY 1 - $16.00
3855 kHz QTY 1 - $12.00 ea.
3937 kHz QTY 1 - $16.00
3955 kHz QTY 3 - $12.00 ea.

7025 kHz QTY 1 - $16.00
7050 kHz QTY 1 - $16.00
7075 kHz QTY 1 - $16.00
7100 kHz QTY 2 - $16.00 ea.
7150 kHz QTY 1 - $12.00
7173.3 kHz QTY 1 - $12.00
7175 kHz QTY 4 - $12.00
7183.1 kHz QTY 1 - $12.00
7200 kHz QTY 2 - $12.00
7225 kHz QTY 2 - $12.00

7400 kHz (29.6 MHz FM) QTY 1 - $16.00

8025 kHz (144.450 MHz AM) QTY 3 - $16.00 ea

8350 kHz ( 50.100 MHz) QTY 2 - $16.00
8375 kHz ( 50.250 MHz) QTY 2 - $16.00
8425 kHz ( 50.550 MHz) QTY 2 - $16.00
8450 kHz ( 50.700 MHz) QTY 2 - $16.00
8475 kHz ( 50.850 MHz) QTY 2 - $16.00
8500 kHz ( 51.000 MHz) QTY 2 - $16.00

50.088 MHz QTY 1 - $16.00
50.142 MHz QTY 1 - $16.00
50.166 MHz QTY 1 - $16.00

50.238 MHz QTY 1 - $16.00
50.334 MHz QTY 1 - $16.00
50.250 MHz QTY 1 - $16.00

CR1/A
7002.8 kHz QTY 1 - $16.00
7010 kHz QTY 1 - $16.00

hc6u
1400 kHz (AM BCB) QTY 1 - $16.00
3680 kHz QTY - $12.00
22.895 MHz Heathkit QTY 1 - $16.00

FT171-B
3995 kHz for BC610 - QTY 1 - $19.00

Others available on many frequencies. See:
http://af4k.com/crystals.htm

Contact me off the list please at:
bcarling@...

73 de AF4K, Bry

# 6221. FS: KW Isolation Transformer

Yahoo group: T-368_BC-610
Date: 2015-10-15 15:30:45 UTC
From: Bry Carling AF4K
Topic: 6221  Message: 6221

FOR SALE:

Isolation Transformer rated 1:1 for 120V AC to 120V AC at 12 amps continuous, 50 - 60 Hz. Excellent condition, and mounted in extra nice 14 gauge gray cabinet with ON-OFF breaker switch, rubber feet and 4 IEC outlets. This one is rated 1400VA - nice case, with cables. AC
Primary Cable and outlet adapter cable included. Excellent quality, excellent condition. Available for $49.00 plus shipping.

Pictures and details are available on request. Please reply off the list.

Please reply off the list.

Bry AF4K

# 6222. FS: HP 1725A Oscilloscope 275 MHz

Yahoo group: T-368_BC-610
Date: 2015-10-15 18:39:35 UTC
From: Bry Carling AF4K
Topic: 6222  Message: 6222

FOR SALE: Hewlett Packard Oscilloscope model 1725A.
(Also military grade designation of AN/USM483.)

This is a medium sized, dual trace / 2-Channel, high performance scope.

This beautiful laboratory oscilloscope has an input voltage range of 10mV/div to 5 V/div vertical deflection. The scope is capable of providing CH A, CH B, ALT, CHOP, A+B, and A vs. B display modes as well as a 10 nS sweep rate expandable to 1 nS/div. It also has selectable impedance of 50 ohms RF to 1 Megohm input.
Vertical deflection factors of 10 mV/div to 5 V/div over the full bandwidth.
Available display modes of CH A, CH B, ALT, CHOP, A+B, & A vs. B
Sweep ranges from 10 ns/div to 0.5 Sec/div (24 ranges), 1-2-5 sequence.

Incorporates a single marker delayed sweep, and delta time measurement capabilities
For easy percentage measurements, reference lines of 0% and 100% amplitude are five divisions apart and markings for 10%, 20%, 80%, and 90% are also provided for easy transition time measurements.

Comes with the 120V AC power cable and original manual. No probes are included.

Looks very similar to the one shown here. If you need actual pictures I have to get my phone
camera to behave better (!)

This is an excellent working scope.

http://i.imgur.com/OQQ6f.jpg

There are two of these on eBay right now going for $199.00 and $389.00

Available for $139.00 plus shipping.

Sincerely,

Brian Carling AF4K

# 6223. RE: [T-368_BC-610] FS: HP 1725A Oscilloscope 275 MHz

Yahoo group: T-368_BC-610
Date: 2015-10-15 18:46:11 UTC
From: Mike Feher
Topic: 6222  Message: 6223

Brian -

You are quoting asking prices. To get an idea of the actual market, you have to check "completed" listings. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
Sent: Thursday, October 15, 2015 2:40 PM
To: swan@...; swan-network@yahoogroups.com;
T-368_BC-610@yahoogroups.com; TampaBayTradersNet@yahoogroups.com
Subject: [T-368_BC-610] FS: HP 1725A Oscilloscope 275 MHz

FOR SALE: Hewlett Packard Oscilloscope model 1725A.

(Also military grade designation of AN/USM483.)

This is a medium sized, dual trace / 2-Channel, high performance scope.

This beautiful laboratory oscilloscope has an input voltage range of 10mV/div to 5 V/div vertical deflection. The scope is capable of providing CH A, CH B, ALT, CHOP, A+B, and A vs. B display modes as well as a 10 nS sweep rate expandable to 1 nS/div. It also has selectable impedance of 50 ohms RF to 1 Megohm input.

Vertical deflection factors of 10 mV/div to 5 V/div over the full bandwidth.

Available display modes of CH A, CH B, ALT, CHOP, A+B, & A vs. B

Sweep ranges from 10 ns/div to 0.5 Sec/div (24 ranges), 1-2-5 sequence.

Incorporates a single marker delayed sweep, and delta time measurement capabilities

For easy percentage measurements, reference lines of 0% and 100% amplitude are five divisions apart and markings for 10%, 20%, 80%, and 90% are also provided for easy transition time measurements.

Comes with the 120V AC power cable and original manual. No probes are included.

Looks very similar to the one shown here. If you need actual pictures I have to get my phone camera to behave better (!)

This is an excellent working scope.

<http://i.imgur.com/OQQ6f.jpg> http://i.imgur.com/OQQ6f.jpg

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Available for $139.00 plus shipping.

Sincerely,

Brian Carling AF4K

# 6224. Re: [T-368_BC-610] FS: HP 1725A Oscilloscope 275 MHz

Yahoo group: T-368_BC-610
Date: 2015-10-15 18:54:21 UTC
From: Bry Carling AF4K
Topic: 6222  Message: 6224

Thank you Mike. You are right. Looks like I am still in the right ball park, as they don't have
much information on that. They have only a few listed in the $50 - $125 range.

All listed as "untested" and/or no manual.

On 15 Oct 2015 at 14:46, 'Mike Feher' n4fs@... [T-368_BC-61 wrote:

>
>
>
>
> Brian -
>
> You are quoting asking prices. To get an idea of the actual market, you have to check
> "completed" listings. 73 - Mike
>
> Mike B. Feher, N4FS
> 89 Arnold Blvd.
> Howell, NJ, 07731
> 732-886-5960
>
> From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
> Sent: Thursday, October 15, 2015 2:40 PM
> To: swan@....net; swan-network@yahoogroups.com;
> T-368_BC-610@yahoogroups.com; TampaBayTradersNet@yahoogroups.com
> Subject: [T-368_BC-610] FS: HP 1725A Oscilloscope 275 MHz
>
>
> FOR SALE: Hewlett Packard Oscilloscope model 1725A.
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>
> This is a medium sized, dual trace / 2-Channel, high performance scope.
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> This beautiful laboratory oscilloscope has an input voltage range of 10mV/div to 5 V/div
vertical
> deflection. The scope is capable of providing CH A, CH B, ALT, CHOP, A+B, and A  vs. B
display
> modes as well as a 10 nS sweep rate expandable to 1 nS/div. It also has  selectable
impedance of
> 50 ohms RF to 1 Megohm input.
> Vertical deflection factors of 10 mV/div to 5 V/div over the full bandwidth.
> Available display modes of CH A, CH B, ALT, CHOP, A+B, & A vs. B
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> Incorporates a single marker delayed sweep, and delta time measurement capabilities

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> apart and markings for 10%, 20%, 80%, and 90% are also provided for easy  transition time
> measurements.
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> Comes with the 120V AC power cable and original manual.  No probes are included.
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> Looks very similar to the one shown here. If you need actual pictures I have to get my
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> http://i.imgur.com/OQQ6f.jpg
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> There are two of these on eBay right now going for $199.00 and $389.00
>
> Available for $139.00 plus shipping.
>
> Sincerely,
>
> Brian Carling AF4K
>
>
>
>

# 6225. Re: [T-368_BC-610] FS: HP 1725A Oscilloscope 275 MHz

Yahoo group: T-368_BC-610
Date: 2015-10-15 19:26:42 UTC
From: Tori Kensington
Topic: 6222  Message: 6225

Very nice scope! is there a cover for the screen and controls on this model of scope? You wouldn't have a scope cart too would you?
Pretty interested-

On Thursday, October 15, 2015 2:54 PM, "'Bry Carling AF4K' bcarling@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com> wrote:

  Thank you Mike. You are right. Looks like I am still in the right ball park, as they don't have
much information on that. They have only a few listed in the $50 - $125 range.

All listed as "untested" and/or no manual.

On 15 Oct 2015 at 14:46, 'Mike Feher' n4fs@... [T-368_BC-61 wrote:

>
>
>
>
> Brian -
>
> You are quoting asking prices. To get an idea of the actual market, you have to check
> "completed" listings. 73 - Mike
>
> Mike B. Feher, N4FS
> 89 Arnold Blvd.
> Howell, NJ, 07731
> 732-886-5960
>
> From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
> Sent: Thursday, October 15, 2015 2:40 PM
> To: swan@...; swan-network@yahoogroups.com;
> T-368_BC-610@yahoogroups.com; TampaBayTradersNet@yahoogroups.com
> Subject: [T-368_BC-610] FS: HP 1725A Oscilloscope 275 MHz
>
>
> FOR SALE: Hewlett Packard Oscilloscope model 1725A.
>  (Also military grade designation of AN/USM483.)
>
> This is a medium sized, dual trace / 2-Channel, high performance scope.
>
> This beautiful laboratory oscilloscope has an input voltage range of 10mV/div to 5 V/div vertical
> deflection. The scope is capable of providing CH A, CH B, ALT, CHOP, A+B, and A  vs. B display
> modes as well as a 10 nS sweep rate expandable to 1 nS/div. It also has  selectable

impedance of
> 50 ohms RF to 1 Megohm input.
> Vertical deflection factors of 10 mV/div to 5 V/div over the full bandwidth.
> Available display modes of CH A, CH B, ALT, CHOP, A+B, & A vs. B
> Sweep ranges from 10 ns/div to 0.5 Sec/div (24 ranges), 1-2-5 sequence.
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> Incorporates a single marker delayed sweep, and delta time measurement capabilities
> For easy percentage measurements, reference lines of 0% and 100% amplitude are five
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> apart and markings for 10%, 20%, 80%, and 90% are also provided for easy  transition time
> measurements.
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> Looks very similar to the one shown here. If you need actual pictures I have to get my
phone
> camera to behave better (!)
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> This is an excellent working scope.
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> http://i.imgur.com/OQQ6f.jpg
>
> There are two of these on eBay right now going for $199.00 and $389.00
>
> Available for $139.00 plus shipping.
>
> Sincerely,
>
> Brian Carling AF4K
>
>
>
>

# 6226. Re: [T-368_BC-610] FS: KW Isolation Transformer

Yahoo group: T-368_BC-610
Date: 2015-10-16 05:43:20 UTC
From: wa5cab@...
Topic: 6221  Message: 6226

I bought one of these. Although I replaced the quad IEC outlet with two duplex US style outlets, it makes a good addition to any test bench if you rebuild boatanchors. I'll add that it can be connected for 240 VAC input and/or 240 VAC output. Good for anything up to and including a BC-610 or T-368/URT.

And it weighs a tonne!

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

In a message dated 10/15/2015 10:31:25 AM Central Daylight Time, T-368_BC-610@yahoogroups.com writes:

> FOR SALE:
>
> Isolation Transformer rated 1:1 for 120V AC to 120V AC at 12 amps
> continuous, 50 - 60 Hz.
> Excellent condition, and mounted in extra nice 14 gauge gray cabinet with
> ON-OFF breaker
> switch, rubber feet and 4 IEC outlets. This one is rated 1400VA - nice
> case, with cables. AC
> Primary Cable and outlet adapter cable included. Excellent quality,
> excellent condition.
> Available for $49.00 plus shipping.
>
> Pictures and details are available on request. Please reply off the list.
>
> Please reply off the list.
>
> Bry AF4K
>
> Posted by: "Bry Carling AF4K" <bcarling@...>

# 6227. Re: [T-368_BC-610] FS: KW Isolation Transformer

Yahoo group: T-368_BC-610
Date: 2015-10-16 06:07:14 UTC
From: wa5cab@...
Topic: 6221  Message: 6227

Correction - make that replaced quad IEC outlet with single US duplex outlet.

In a message dated 10/15/2015 10:31:25 AM Central Daylight Time, T-368_BC-610@yahoogroups.com writes:

> FOR SALE:
>
> Isolation Transformer rated 1:1 for 120V AC to 120V AC at 12 amps
> continuous, 50 - 60 Hz.
> Excellent condition, and mounted in extra nice 14 gauge gray cabinet with
> ON-OFF breaker
> switch, rubber feet and 4 IEC outlets. This one is rated 1400VA - nice
> case, with cables. AC
> Primary Cable and outlet adapter cable included. Excellent quality,
> excellent condition.
> Available for $49.00 plus shipping.
>
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

# 6228. FS: Heathkit QM-1 Meter

Yahoo group: T-368_BC-610
Date: 2015-10-21 19:33:24 UTC
From: Bry Carling AF4K
Topic: 6228  Message: 6228

FOR SALE

Heathkit QM-1 meter in excellent condition with original manual
Beautifully cared for by a gentleman who worked at a calibration lab.

Tests components at operating frequency-150 kc to 18 mc
Large 4½" 50 ua meter-easy to read dial scales
Measures Q, L, and distributed capacity of coils
No special alignment equipment required-test coil and manual included
Metered oscillator output for constant injection

The Q meter is not just a "prestige" instrument to be dusted off each morning when opening the shop or lab. It is fully capable of performing many tasks in a matter of minutes that ordinarily require considerable mechanical and mathematical dexterity. Originally a Q meter
was out of financial reach of the average service shop but now Heathkit ingenuity has brought it into line.

Suspected components and parts being developed or manufactured can be tested at frequencies at which they normally are used (150 kc to 18 mc). Wide ranges of inductance, capacitance and Q will cover practically all values encountered. All indications are read directly on a large 4½", 50 microampere, panel-mounted meter. Surprisingly easy to use, the model QM-1 will take the guesswork out of your electronic efforts.

The Heathkit Q Meter uses a 12AT7 oscillator with pre-wound coils to obtain the full frequency range on four bands. Oscillator output is metered to provide constant injection. A
complete VTVM circuit is used as a resonance indicator, using a 6AL5 twin diode and a 12AU7 VTVM amplifier. Voltage regulated and transformer operated power supply utilizes a 6X5 full wave rectifier and an OD3 regulator tube. All other components are of the highest quality.

Behind the attractive charcoal gray panel with white lettering is a well laid out and factory-formed chassis. No "extras" are required to build or operate this instrument. A special
test coil is provided for calibration purposes.

Specifications: Frequency: 150 kHz to 18 MHz on 4 bands. Inductance: 1 microhenry to 10 millihenrys. Q: 250 Full scale x 1 or x 2. Capacitance: Actual 40 mmf-450 mmf; Effective 40 mmf-400 mmf; Vernier ± 3 mmf. Tubes: 1-12AT7, 1-6AL5, 1-12AU7, 1-6X5, 1-0D3/VR150.

Power Requirements: 105-125 VAC, 50-60 cycles, 30 watts.

Dimensions: 8" high x 17" wide x 6" deep.

Complete with manual etc.
Available for $90.00 plus shipping.

Please contact me off the list to arrange purchase or for
pictures, details etc.

73 - Brian Carling, AF4K

# 6229. FS: TOROTRON 5KV HI-POT Tester

Yahoo group: T-368_BC-610
Date: 2015-10-21 19:39:11 UTC
From: Bry Carling AF4K
Topic: 6229  Message: 6229

TOROTRON THP-05-AD - "Best of the Best" High-Pot Tester

The THP-AD series hipot insulation tester with voltage ranges from 0 to 5 kV.
It features a high-voltage output control that is continuously variable from zero to full voltage.

Looks like it is brand new.

Monitoring is via a 4.5-in. mirror-scale taut-band kilovoltmeter with
an accuracy of ±2% at full scale. Output cables are insulated for
three times the rated voltage of the model used.

This is a high grade piece of commercial equipment and looks new.
Was owned by a gentleman who worked at a calibration lab.

Made by Torotron Co. of Mount Vernon, NY

The list price is $575.00
There are some grubby looking ones on eBay from time to time for around $200 - $350.00
Available for $100.00 plus shipping

Please contact me off the list to arrange purchase or for
pictures, details etc.

73 - Brian Carling, AF4K

# 6230. Re: [T-368_BC-610] FS: TOROTRON 5KV HI-POT Tester

Yahoo group: T-368_BC-610
Date: 2015-10-21 19:52:47 UTC
From: John Poulton
Topic: 6229  Message: 6230

Bry,

I'll take it, if you still have it! Let me know, and we'll figure out shipping and payment..

Thanks!!

73, John K4OZY (Chapel Hill, NC)

On Wed, Oct 21, 2015 at 3:39 PM, 'Bry Carling AF4K' bcarling@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:

>
>
> TOROTRON THP-05-AD - "Best of the Best" High-Pot Tester
>
> The THP-AD series hipot insulation tester with voltage ranges from 0 to 5
> kV.
> It features a high-voltage output control that is continuously variable
> from zero to full voltage.
>
> Looks like it is brand new.
>
> Monitoring is via a 4.5-in. mirror-scale taut-band kilovoltmeter with
> an accuracy of ±2% at full scale. Output cables are insulated for
> three times the rated voltage of the model used.
>
> This is a high grade piece of commercial equipment and looks new.
> Was owned by a gentleman who worked at a calibration lab.
>
> Made by Torotron Co. of Mount Vernon, NY
>
> The list price is $575.00
> There are some grubby looking ones on eBay from time to time for around
> $200 - $350.00
> Available for $100.00 plus shipping
>
> Please contact me off the list to arrange purchase or for
> pictures, details etc.
>
> 73 - Brian Carling, AF4K
>
>
>
>

# 6231. Re: [T-368_BC-610] FS: TOROTRON 5KV HI-POT Tester

Yahoo group: T-368_BC-610
Date: 2015-10-22 02:36:08 UTC
From: Bry Carling AF4K
Topic: 6229  Message: 6231

Thank you John. It has already been sold.

73 - Bry, AF4K

On 21 Oct 2015 at 15:52, John Poulton jp@... [T wrote:

>
>
>
>
> Bry,
>
> I'll take it, if you still have it!  Let me know, and we'll figure out shipping and payment..
>
> Thanks!!
>
> 73, John K4OZY (Chapel Hill, NC)
>
>
>
> On Wed, Oct 21, 2015 at 3:39 PM, 'Bry Carling AF4K' bcarling@...m [T-368_BC-610]
> <T-368_BC-610@yahoogroups.com > wrote:
>
> TOROTRON THP-05-AD - "Best of the Best" High-Pot Tester
>
> The THP-AD series hipot insulation tester with voltage ranges from 0 to 5 kV.
> It features a high-voltage output control that is continuously variable from zero to full voltage.
>
> Looks like it is brand new.
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> Available for $100.00 plus shipping
>
> Please contact me off the list to arrange purchase or for

> pictures, details etc.
>
> 73 - Brian Carling, AF4K
>
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>

# 6232. BC 610 I chassis

Yahoo group: T-368_BC-610
Date: 2015-10-29 13:39:13 UTC
From: wc4don@...
Topic: 6232  Message: 6232

Has anyone had any luck removing rust from the chassis of the I type models where they have yellow gold colored chassis. I pick one up last weekend and there are some spots that have quite a bit of rust .. not real bad but surface rust .. I'd love to just sand it off or use Navel Jelly and remove it and then color it back but I don't think that's going to happen .. I've looked every where on the internet and I can't find any thing that tells where or what that covering is. and I'm looking for a cable to go from the BC 614 to the BC 610 .. can't find one of those either .. I knew this was going to be a winter project but I had no idea that I might not get it done this winter LOL .. any help would be great guys..

73 Don WC4D

# 6233. Re: BC 610 I chassis

Yahoo group: T-368_BC-610
Date: 2015-10-29 14:12:29 UTC
From: nbd@juno.com
Topic: 6232  Message: 6233

The cable is rare. I made my own using rotator cable and a pair of RG174 coax
For the audio leads. The fatter pair of leads in the rotator cable I used for the
117 v power to the 614. There is a seller one bay selling the cable ends. He only
Has the male end and I was lucky enough to have a female socket in the junk
Box. Some black tape to tie it all together and a working light cable

Sent from my iPad

_____
Heavy rains mean flooding
Knowing your flood risk and being prepared can help keep your family safe and reduce
potential damages.
http://thirdpartyoffers.juno.com/TGL3141/5632294e19974294d0170st02vuc

# 6234. RE: [T-368_BC-610] BC 610 I chassis

Yahoo group: T-368_BC-610
Date: 2015-10-29 14:17:24 UTC
From: Gene Beckwith
Topic: 6232  Message: 6234

The ‘yellow-gold’ color maybe Alodyn (spelling?), , , often used as a corrosion resistant chromate chemical to treat metal surfaces, usually in liquid form . . . I am guessing at this, without knowing if my T-3s have the coating . . . it is common and especially well known on cover plates for R300x’s . . . hope this puts u on the trail of a solution . . . btw, I’ve heard the treatment Is not that uncommon with the liquid found around auto shops and places where aircraft repairs and reconstruction is being done . . .

73

G Beckwith

W8KXR

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
Sent: Thursday, October 29, 2015 9:39 AM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] BC 610 I chassis

Has anyone had any luck removing rust from the chassis of the I type models where they have yellow gold colored chassis. I pick one up last weekend and there are some spots that have quite a bit of rust .. not real bad but surface rust .. I'd love to just sand it off or use Navel Jelly and remove it and then color it back but I don't think that's going to happen .. I've looked every where on the internet and I can't find any thing that tells where or what that covering is. and I'm looking for a cable to go from the BC 614 to the BC 610 .. can't find one of those either .. I knew this was going to be a winter project but I had no idea that I might not get it done this winter LOL .. any help would be great guys..

73 Don WC4D

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# 6235. Re: [T-368_BC-610] BC 610 I chassis

Yahoo group: T-368_BC-610
Date: 2015-10-29 16:46:42 UTC
From: wa5cab@...
Topic: 6232  Message: 6235

Don,

Unfortunately, I don't know how the chassis in the BC-610-I were originally finished.

I don't have any CD-764 (BC-610 to BC-614) left. But I do have a few NOS original connectors. $15 each plus shipping.

In a message dated 10/29/2015 08:39:17 AM Central Daylight Time, T-368_BC-610@yahoogroups.com writes:

> 
> 
> 
> Has anyone had any luck removing rust from the chassis of the I type
> models where they have yellow gold colored chassis. I pick one up last weekend
> and there are some spots that have quite a bit of rust .. not real bad but
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> 614 to the BC 610 .. can't find one of those either .. I knew this was
> going to be a winter project but I had no idea that I might not get it done
> this winter LOL .. any help would be great guys..
> 
> 73 Don WC4D
> 
> Posted by: wc4don@...
> 

# 6236. Re: [T-368_BC-610] BC 610 I chassis

Yahoo group: T-368_BC-610
Date: 2015-10-29 17:41:47 UTC
From: Don Allison
Topic: 6232  Message: 6236

Thanks Glen I'll look in to it. I went to Lowe's and asked if they could add color to lacquer and as I thought there is no such thing ... it was worth a try .. again thank you for your help... and NO T3's don't have any of that stuff inside them .. I have a T3 also the BC 610 is a different beast LOL ..

73 Don WC4D

On Thu, Oct 29, 2015 at 10:17 AM, 'Gene Beckwith' w8kxr@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:

> 
> 
> The ‘yellow-gold’ color maybe Alodyn (spelling?), , , often used as a
> corrosion resistant chromate chemical to treat metal surfaces, usually in
> liquid form . . . I am guessing at this, without knowing if my T-3s have
> the coating . . . it is common and especially well known on cover plates
> for R300x’s . . . hope this puts u on the trail of a solution . . . btw,
> I’ve heard the treatment Is not that uncommon with the liquid found around
> auto shops and places where aircraft repairs and reconstruction is being
> done . . .
> 
> 73
> 
> G Beckwith
> 
> W8KXR
> 
> 
> 
> *From:* T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
> 
> *Sent:* Thursday, October 29, 2015 9:39 AM
> *To:* T-368_BC-610@yahoogroups.com
> *Subject:* [T-368_BC-610] BC 610 I chassis
> 
> 
> 
> 
> 
> 
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> from the BC 614 to the BC 610 .. can't find one of those either .. I knew
> this was going to be a winter project but I had no idea that I might not
> get it done this winter LOL .. any help would be great guys..
>
>
>
> 73 Don WC4D
>
>
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>
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> www.avast.com <https://www.avast.com/antivirus>
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# 6237. RE: [T-368_BC-610] BC 610 I chassis

Yahoo group: T-368_BC-610
Date: 2015-10-29 21:29:13 UTC
From: Gene Beckwith
Topic: 6232  Message: 6237

Before u make a quick fix move, check with an autiomotive store, one that might have catalogs or connections to shops the work with Aluminum body repair . . . just a long shot, but when looking for odd stuff, one never knows . .

73,

W8KXR

Gene

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
Sent: Thursday, October 29, 2015 1:42 PM
To: wa5cab@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com>
Subject: Re: [T-368_BC-610] BC 610 I chassis

Thanks Glen I'll look in to it. I went to Lowe's and asked if they could add color to lacquer and as I thought there is no such thing ... it was worth a try .. again thank you for your help... and NO T3's don't have any of that stuff inside them .. I have a T3 also the BC 610 is a different beast LOL ..

73 Don WC4D

On Thu, Oct 29, 2015 at 10:17 AM, 'Gene Beckwith' w8kxr@... <mailto:w8kxr@...> [T-368_BC-610] <T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610@yahoogroups.com> > wrote:

The ‘yellow-gold’ color maybe Alodyn (spelling?), , , often used as a corrosion resistant chromate chemical to treat metal surfaces, usually in liquid form . . . I am guessing at this, without knowing if my T-3s have the coating . . . it is common and especially well known on cover plates for R300x’s . . . hope this puts u on the trail of a solution . . . btw, I’ve heard the treatment Is not that uncommon with the liquid found around auto shops and places where aircraft repairs and reconstruction is being done . . .

73

G Beckwith

W8KXR

From: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610@yahoogroups.com> [mailto:T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610@yahoogroups.com> ]
Sent: Thursday, October 29, 2015 9:39 AM
To: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610@yahoogroups.com>
Subject: [T-368_BC-610] BC 610 I chassis

Has anyone had any luck removing rust from the chassis of the I type models where they have yellow gold colored chassis. I pick one up last weekend and there are some spots that have quite a bit of rust .. not real bad but surface rust .. I'd love to just sand it off or use

Navel Jelly and remove it and then color it back but I don't think that's going to happen .. I've looked every where on the internet and I can't find any thing that tells where or what that covering is. and I'm looking for a cable to go from the BC 614 to the BC 610 .. can't find one of those either .. I knew this was going to be a winter project but I had no idea that I might not get it done this winter LOL .. any help would be great guys..

73 Don WC4D

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# 6238. rust

Yahoo group: T-368_BC-610
Date: 2015-10-30 09:20:22 UTC
From: Alan Morriss
Topic: 6238  Message: 6238

hello gene , i had the same problem. you must remember that underneath the rust the original coating is still there. i had the same problem , and cured it easily. i used a phosphoric acid preparation. over here it is called jenolite. being a liquid it penetrates and turns the rust into iron phosphate . this is black and is similar to gun blue. after an hour or so , wipe it off with a soft damp cloth. i have done a lot of this on WW2 radios. alan G4GEN

# 6239. Re: [T-368_BC-610] rust

Yahoo group: T-368_BC-610
Date: 2015-10-30 20:28:38 UTC
From: Don Allison
Topic: 6238  Message: 6239

Hello Alan and thank you for your input .. so after you removed the rust what did you coat the chassis with to keep it from coming back ..or what happened next ? Gene was just helping me with what he knows and I'm the one with the problem on the BC 610 I would love to get it back to the original color coating but my hopes are fading fast. I looked up the other coating that was mentioned on here and I found it was for aluminum only not steel so on ward I go .. I'm going to go to the auto repair stores and maybe I can find something there... you would think it wouldn't be no big deal what Hallacrafter put on the chassis .. LOL .. have a great weekend

73 Don WC4D

On Fri, Oct 30, 2015 at 5:20 AM, Alan Morriss mohawk@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:

> 
> 
> hello gene , i had the same problem. you must remember that underneath the
> rust the original coating is still there. i had the same problem , and
> cured it easily. i used a phosphoric acid preparation. over here it is
> called jenolite. being a liquid it penetrates and turns the rust into iron
> phosphate . this is black and is similar to gun blue. after an hour or so ,
> wipe it off with a soft damp cloth. i have done a lot of this on WW2
> radios. alan G4GEN
> 
> 

# 6240. Re: [T-368_BC-610] BC 610 I chassis

Yahoo group: T-368_BC-610
Date: 2015-10-30 20:39:56 UTC
From: Don Allison
Topic: 6232  Message: 6240

Hello Gene .. my chassis are made of steel not aluminum so now we have to find a new dog to fight ... LOL... if it wasn't so much trouble I'd just paint the darn things but I want to restore it to some what like it was made .. my side panels have not a lot of rust but more then I can stand myself .. I had given it the idea of knocking off the loose stuff and I was wondering if stove pipe paint or what ever they call it might work .. it would look kinda like the wrinkled paint look with the rust and it would help the over all color .. and I'd just put some Vaseline over the white letters .. I don't know just looking for good results from an easy fix I guess

On Thu, Oct 29, 2015 at 5:29 PM, 'Gene Beckwith' w8kxr@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:

>
>
> Before u make a quick fix move, check with an autiomotive store, one that
> might have catalogs or connections to shops the work with Aluminum body
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>
>
>
> 73,
>
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>
> W8KXR
>
> Gene
>
>
>
> *From:* T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
>
> *Sent:* Thursday, October 29, 2015 1:42 PM
> *To:* wa5cab@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com>
> *Subject:* Re: [T-368_BC-610] BC 610 I chassis
>
>
>
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> Thanks Glen I'll look in to it. I went to Lowe's and asked if they could

> add color to lacquer and as I thought there is no such thing ... it was
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> of that stuff inside them .. I have a T3 also the BC 610 is a different
> beast LOL ..
>
>
>
> 73 Don WC4D
>
>
>
> On Thu, Oct 29, 2015 at 10:17 AM, 'Gene Beckwith' w8kxr@...
> [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:
>
>
>
> The ‘yellow-gold’ color maybe Alodyn (spelling?), , , often used as a
> corrosion resistant chromate chemical to treat metal surfaces, usually in
> liquid form . . . I am guessing at this, without knowing if my T-3s have
> the coating . . . it is common and especially well known on cover plates
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> *From:* T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
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> *Sent:* Thursday, October 29, 2015 9:39 AM
> *To:* T-368_BC-610@yahoogroups.com
> *Subject:* [T-368_BC-610] BC 610 I chassis
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> from the BC 614 to the BC 610 .. can't find one of those either .. I knew
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>
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> 73 Don WC4D
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> www.avast.com <https://www.avast.com/antivirus>
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# 6241. RE: [T-368_BC-610] BC 610 I chassis

Yahoo group: T-368_BC-610
Date: 2015-10-30 22:12:13 UTC
From: Gene Beckwith
Topic: 6232  Message: 6241

Well, the task of the restorer of heavy metal is often challenging. I did a quick search for Alodyne . . . (spelling is close) . . . and it is as I remembered, a chromate based compound . . . a bit toxic, but I never planned to take a shot of just for kicks . . . usual care and caution advised if you try it, as with any chemical situation . .

Btw…a group of us who meet on six meter AM on 50.4 at 1900Hrs nightly do a lot of heavy metal restoration, and operating, so always looking for ideas to help clean up our heavy metal gems . .. One of the most effective solutions we've tried was posted in an Electric Radio mag of a few months ago . . . it consists of---> equal parts of Murphy's Oil Soap, full strength unscented Ammonia, denatured alcohol and Acetone . . . it is ultra-effective in cleaning up heavy metal components . . . it is '''very stinky''' due to the Ammonia . .so, use obvious precautions for max ventilation . . . I usually mix up a total volume of a quart . . . put it in an empty soap spray bottle . . . spray on, or soak parts, then rinse thoroughly and then flush with distilled water . . . a little goes a long ways, so no need to prepare more than you need for any one project.

Best clean up material we've found . . mix only small volumes as needed . . it eventually changes color to an ever darker red . . . it's still vry effective . . . but, we don't know what chemistry is afoot that causes the slow color change . .btw…it is not intended to remove rust, but sure cleans up most other stuff on chassis and component surfaces . . .care and caution, if you try it . . .

73

G

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
Sent: Friday, October 30, 2015 4:40 PM
To: wa5cab@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com>
Subject: Re: [T-368_BC-610] BC 610 I chassis

Hello Gene .. my chassis are made of steel not aluminum so now we have to find a new dog to fight ... LOL... if it wasn't so much trouble I'd just paint the darn things but I want to restore it to some what like it was made .. my side panels have not a lot of rust but more then I can stand myself .. I had given it the idea of knocking off the loose stuff and I was wondering if stove pipe paint or what ever they call it might work .. it would look kinda like the wrinkled paint look with the rust and it would help the over all color .. and I'd just put some Vaseline over the white letters .. I don't know just looking for good results from an easy fix I guess

On Thu, Oct 29, 2015 at 5:29 PM, 'Gene Beckwith' w8kxr@neo.rr.com <mailto:w8kxr@...> [T-368_BC-610] <T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610@yahoogroups.com> > wrote:

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W8KXR

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# 6242. Re: [T-368_BC-610] BC 610 I chassis

Yahoo group: T-368_BC-610
Date: 2015-10-30 23:45:33 UTC
From: Bry Carling
Topic: 6232  Message: 6242

I wish that I could hear the local guys in Orlando and Central Florida interested in getting on 50.4 MHz AM again.

Best regards - Brian Carling
AF4K Crystal Co.
http://af4k.com

Tel: 321-262-5471

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> Best clean up material we've found . . mix only small volumes as needed . . it eventually changes color to an ever darker red . . . it's still vry effective . . . but, we don't know what chemistry is afoot that causes the slow color change . .btw…it is not intended to remove rust, but sure cleans up most other stuff on chassis and component surfaces . . .care and caution, if you try it . . .
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# 6243. RE: [T-368_BC-610] BC 610 I chassis

Yahoo group: T-368_BC-610
Date: 2015-11-02 02:57:10 UTC
From: Gene Beckwith
Topic: 6232  Message: 6243

Brian,

The group here in NE Ohio is small but seems to be in pockets. . . We've had aprox seventy check in over the years, including openings . . . our group is centered in the greater Canton/Massillon area . . . we meet every night . . . at 1900hrs local . . . size of group varies . . . depends on weather, vacations, domestic needs, etc . . we met orig on 10M at 29.0Mhz AM . . . moved to six for better coverage with horizontal polarization . ..been meeting for probably abt seven or eight years after the move from 10M . ..no one remembers exactly . . . also same group meets for lunch on Tuesdays . . . mostly radio and techy chat . . .with show and tell of small projects and fest finds . . . we are not formal . . . no dues, no meetings other than lunch, no news letters to divert from doing real radio stuff . . focus is on repair, salvaging, and operating heavy metal and mil gear . . most are tech types, from domestic engineering and/or military electronics . . . a vry divers group of tech types . . .not sure why it works, but we do real hands on radio . . we push some buttons on the throwaways . . . but no one is in love with them at the expense of actual under the hood work . . . I do R390x salvage and rebuilds, and scratch build . . . currently just finishing a Gonsett G-50, one of the mainstays of the locals here . . . there is an LF guy with beacons . . another who does Drake, Heathkit, Swan, Kenwood tube type stuff as a sample of activity . . . we trade parts and expertise . . and operate too . .

Hope this might help for perspective on our 50.4 Am group . . . there are other here in Oh too…but a bit out of range for reg contact . . .

Gud Luck es 73

Gene W8KXR

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# 6244. Re: [T-368_BC-610] BC 610 I chassis

Yahoo group: T-368_BC-610
Date: 2015-11-02 03:13:45 UTC
From: Bry Carling AF4K
Topic: 6232  Message: 6244

Many thanks Gene, great commentary and insights!

We HAD a group here in central FL on 6m AM a few years ago, but it died out.

I am going to try to get it going again, if I can find someone to take over the NOVICE ROUNDUP annual event!

I apologize for joining the topic drift here folks. Now to bring it back - does anybody know of
anyone ever making a T368 or BC610 go on the 6m band??

73 de AF4K, Bry

On 1 Nov 2015 at 21:57, 'Gene Beckwith' w8kxr@.... wrote:

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> Brian,
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> domestic needs, etc . . we met orig on 10M at 29.0Mhz AM . . .
> moved to six for better coverage with horizontal polarization .
> ..been meeting for probably abt seven or eight years after the
> move from 10M . ..no one remembers exactly . . . also same
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> this, without knowing if my T-3s have the coating . . . it is common and especially well
> known on cover plates for R300x´s  . . . hope this puts u on the trail of a solution . .
. btw,
> I´ve heard the treatment Is not that uncommon with the liquid found around auto shops
> and places where aircraft repairs and reconstruction is being done . . .
> 73
> G Beckwith
> W8KXR
>
> From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
> Sent: Thursday, October 29, 2015 9:39 AM
> To: T-368_BC-610@yahoogroups.com
> Subject: [T-368_BC-610] BC 610 I chassis
>
>
> Has anyone had any luck removing rust from the chassis of the I type models where they
> have yellow gold colored chassis. I pick one up last weekend and there are some spots
> that have quite a bit of rust .. not real bad but surface rust .. I'd love to just sand
it off or
> use Navel Jelly and remove it and then color it back but I don't think that's going to
> happen .. I've looked every where on the internet and I can't find any thing that tells
where
> or what that covering is.  and I'm looking for a cable to go from the BC 614 to the BC
610 ..
> can't find one of those either .. I knew this was going to be a winter project but I had
no
> idea that I might not get it done this winter LOL .. any help would be great guys..
>
> 73 Don WC4D
>
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# 6245. Reduced: Weller Soldering Station MP-101

Yahoo group: T-368_BC-610
Date: 2015-11-05 12:59:29 UTC
From: Bry Carling AF4K
Topic: 6245  Message: 6245

Reduced: Weller Soldering Station MP-101

Comes with the MP106 pencil, and works perfectly. This is a TOP QUALITY USA made product in excellent condition.

120V AC operation, fully tested and clean condition.
Picture here: (additional photos on request)
http://af4k.com/imag/ham/weller.jpg

Available for $39.00 plus shipping.

73 - Brian Carling, AF4K

http://af4k.com/imag/ham/weller.jpg

73 de AF4K, Bry

# 6246. Crystals For 75 meter Phone Band?

Yahoo group: T-368_BC-610
Date: 2015-11-06 15:10:15 UTC
From: Roger@...
Topic: 6246  Message: 6246

Hi All,

I've recently acquired several 100s of radio crystals of WW2 vintage onwards and am slowly sorting through them. There's at least two frequencies, 3892 kHz and 3958 kHz, which fall in the US 75m band (which we don't have in Europe, 3800 kHz is our upper edge). They are in the old British 10X holders which loosely fit the BC-610 tuning units, so are they of interest to '610 owners across the water? If so, I will see how many duplicates I can find (that work), then you can have a net!

73

Roger/G3VKM - Norfolk, England.

# 6247. How to kludge up a T-368

Yahoo group: T-368_BC-610
Date: 2015-11-18 19:51:41 UTC
From: Dennis DuValll
Topic: 6247  Message: 6247

See #281744436130

Amongst other questions can one really get away with no forced air cooling across the seals of a 4-400?

Dennis D. W7QHO
Glendale, CA

# 6248. Re: [T-368_BC-610] How to kludge up a T-368

Yahoo group: T-368_BC-610
Date: 2015-11-18 20:36:51 UTC
From: Mark J. Blair
Topic: 6247  Message: 6248

> On Nov 18, 2015, at 11:51, Dennis DuValll w7qho@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:
>
> See #281744436130
>
> Amongst other questions can one really get away with no forced air cooling across the seals of a 4-400?

Link for convenience: http://www.ebay.com/itm/281744436130

That doesn't seem like a wise thing to risk to me, given the cost of those tubes. But then, the modulator tubes don't get dedicated forced air, so maybe it's not as risky as I think for AM voice operation in comfortably cool room? The quieter muffin fans on the back panel are probably fine for typical amateur duty, but I wouldn't feel comfortable running the PA without a chimney and forced air. Maybe replacing the original PA squirrel cage with a quieter fan would be OK for AM voice service?

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 6249. Re: [T-368_BC-610] How to kludge up a T-368

Yahoo group: T-368_BC-610
Date: 2015-11-18 21:03:07 UTC
From: Bry Carling
Topic: 6247  Message: 6249

Stone the crows! What a bargain price. I'll take four of them. :)

Best regards - Brian Carling
AF4K Crystal Co.
http://af4k.com

Tel: 321-262-5471

> On Nov 18, 2015, at 3:36 PM, 'Mark J. Blair' nf6x@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:
>
>
>> On Nov 18, 2015, at 11:51, Dennis DuValll w7qho@... [T-368_BC-610] <T-368_BC-610@...m> wrote:
>>
>> See #281744436130
>>
>> Amongst other questions can one really get away with no forced air cooling across the seals of a 4-400?
>
>
> Link for convenience: http://www.ebay.com/itm/281744436130
>
> That doesn't seem like a wise thing to risk to me, given the cost of those tubes. But then, the modulator tubes don't get dedicated forced air, so maybe it's not as risky as I think for AM voice operation in comfortably cool room? The quieter muffin fans on the back panel are probably fine for typical amateur duty, but I wouldn't feel comfortable running the PA without a chimney and forced air. Maybe replacing the original PA squirrel cage with a quieter fan would be OK for AM voice service?
>
>
> --
> Mark J. Blair, NF6X <nf6x@...>
> http://www.nf6x.net/
>
>
>
> ------------------------------------
> Posted by: "Mark J. Blair" <nf6x@...>
> ------------------------------------
>
>
> ------------------------------------
>
> Yahoo Groups Links
>

>
>

# 6250. Re: [T-368_BC-610] How to kludge up a T-368

Yahoo group: T-368_BC-610
Date: 2015-11-18 21:10:19 UTC
From: Bry Carling
Topic: 6247  Message: 6250

Yes you can!! I did for years at least. My 4-400As were far more reliable than the strings of 8 series diodes per leg in a bridge.

Best regards - Brian Carling
AF4K Crystal Co.
http://af4k.com

Tel: 321-262-5471

> On Nov 18, 2015, at 2:51 PM, Dennis DuValll w7qho@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:
>
>
>
>
> See #281744436130
>
> Amongst other questions can one really get away with no forced air cooling across the seals of a 4-400?
>
> Dennis D. W7QHO
> Glendale, CA
>
>
>
>
>

# 6251. RE: [T-368_BC-610] How to kludge up a T-368

Yahoo group: T-368_BC-610
Date: 2015-11-18 21:31:17 UTC
From: Thekan, Paul
Topic: 6247  Message: 6251

This subject came up before either here or on another reflector and it was like Mark said , muffin fan or fans were being used with no problem and it was said that that we are not running the T-3's 24/7 in the tropics.

Paul
N6FEG

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
Sent: Wednesday, November 18, 2015 12:37 PM
To: T-368_BC-610 Group Group
Subject: Re: [T-368_BC-610] How to kludge up a T-368

> On Nov 18, 2015, at 11:51, Dennis DuValll w7qho@... [T-368_BC-610]
<T-368_BC-610@yahoogroups.com> wrote:
>
> See #281744436130
>
> Amongst other questions can one really get away with no forced air cooling across the seals of a 4-400?

Link for convenience: http://www.ebay.com/itm/281744436130

That doesn't seem like a wise thing to risk to me, given the cost of those tubes. But then, the modulator tubes don't get dedicated forced air, so maybe it's not as risky as I think for AM voice operation in comfortably cool room? The quieter muffin fans on the back panel are probably fine for typical amateur duty, but I wouldn't feel comfortable running the PA without a chimney and forced air. Maybe replacing the original PA squirrel cage with a quieter fan would be OK for AM voice service?

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

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[Non-text portions of this message have been removed]

# 6252. Re: [T-368_BC-610] How to kludge up a T-368

Yahoo group: T-368_BC-610
Date: 2015-11-18 21:45:07 UTC
From: Mark Donaldson
Topic: 6247  Message: 6252

I would think it has a lot to do with how much output power you are extracting from the beast. I regularly run mine at 500W of output power, at that level the plate on the 4-400 is showing color and I think I would want forced air cooling for the sake of tube longevity.
Mark WA1QHQ

On Wednesday, November 18, 2015 4:31 PM, "'Thekan, Paul' Paul.Thekan@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com> wrote:

  This subject came up before either here or on another reflector and it was like Mark said , muffin fan or fans were being used with no problem and it was said that that we are not running the T-3's 24/7 in the tropics.

Paul
N6FEG

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
Sent: Wednesday, November 18, 2015 12:37 PM
To: T-368_BC-610 Group Group
Subject: Re: [T-368_BC-610] How to kludge up a T-368

> On Nov 18, 2015, at 11:51, Dennis DuValll w7qho@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:
>
> See #281744436130
>
> Amongst other questions can one really get away with no forced air cooling across the seals of a 4-400?

Link for convenience: http://www.ebay.com/itm/281744436130

That doesn't seem like a wise thing to risk to me, given the cost of those tubes. But then, the modulator tubes don't get dedicated forced air, so maybe it's not as risky as I think for AM voice operation in comfortably cool room? The quieter muffin fans on the back panel are probably fine for typical amateur duty, but I wouldn't feel comfortable running the PA without a chimney and forced air. Maybe replacing the original PA squirrel cage with a quieter fan would be OK for AM voice service?

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

------------------------------

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[Non-text portions of this message have been removed]

# 6253. Re: [T-368_BC-610] How to kludge up a T-368

Yahoo group: T-368_BC-610
Date: 2015-11-19 00:53:21 UTC
From: Dennis DuValll
Topic: 6247  Message: 6253

The Eimac spec sheet for the 4-400A definitely calls for forced air cooling. I would concede that a muffin fan blowing across the tube from the side “could" provide sufficient cooling for the plate seal but no way for all the pin seals on the bottom of the tube. The 4-400s substituted for 4-125s in the modulator (why?) would be loafing along so might survive without forced air given intermittent ham use.

The specs on the 3-1000Z in my HB linear, BTW, call for forced air ANY time the filament is lit whether or not any plate current is flowing.

Dennis D. W7QHO
Glendale, CA

**********

> On Nov 18, 2015, at 1:31 PM, 'Thekan, Paul' Paul.Thekan@cpii.com [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:
>
> This subject came up before either here or on another reflector and it was like Mark said , muffin fan or fans were being used with no problem and it was said that that we are not running the T-3's 24/7 in the tropics.
>
> Paul
> N6FEG
>
> From: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610@yahoogroups.com> [mailto:T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610@yahoogroups.com>]
> Sent: Wednesday, November 18, 2015 12:37 PM
> To: T-368_BC-610 Group Group
> Subject: Re: [T-368_BC-610] How to kludge up a T-368
>
> > On Nov 18, 2015, at 11:51, Dennis DuValll w7qho@... <mailto:w7qho@...> [T-368_BC-610] <T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610@yahoogroups.com>> wrote:
> >
> > See #281744436130
> >
> > Amongst other questions can one really get away with no forced air cooling across the seals of a 4-400?
>
> Link for convenience: http://www.ebay.com/itm/281744436130 <http://www.ebay.com/itm/281744436130>
>
> That doesn't seem like a wise thing to risk to me, given the cost of those tubes. But then, the modulator tubes don't get dedicated forced air, so maybe it's not as risky as I think for AM voice operation in comfortably cool room? The quieter muffin fans on the back panel are probably fine for typical amateur duty, but I wouldn't feel comfortable running the PA without a chimney and forced air. Maybe replacing the original PA squirrel cage with

a quieter fan would be OK for AM voice service?
>
> --
> Mark J. Blair, NF6X <nf6x@... <mailto:nf6x@...t>>
> http://www.nf6x.net/ <http://www.nf6x.net/>
>
> ------------------------------
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> [Non-text portions of this message have been removed]
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# 6254. Re: [T-368_BC-610] How to kludge up a T-368

Yahoo group: T-368_BC-610
Date: 2015-11-19 01:44:16 UTC
From: Bry Carling
Topic: 6247  Message: 6254

Now that I think about this, I could be wrong. Somehow or another the amplifier I built had a big squirrel cage blower underneath the chassis. So perhaps it was blowing through the sockets. I really don't know.

Best regards - Brian Carling
AF4K Crystal Co.
http://af4k.com

Tel: 321-262-5471

> On Nov 18, 2015, at 7:53 PM, Dennis DuValll w7qho@... [T-368_BC-610]
<T-368_BC-610@yahoogroups.com> wrote:
>
>
>
> The Eimac spec sheet for the 4-400A definitely calls for forced air cooling. I would concede that a muffin fan blowing across the tube from the side “could" provide sufficient cooling for the plate seal but no way for all the pin seals on the bottom of the tube. The 4-400s substituted for 4-125s in the modulator (why?) would be loafing along so might survive without forced air given intermittent ham use.
>
> The specs on the 3-1000Z in my HB linear, BTW, call for forced air ANY time the filament is lit whether or not any plate current is flowing.
>
> Dennis D. W7QHO
> Glendale, CA
>
> **********
>
>> On Nov 18, 2015, at 1:31 PM, 'Thekan, Paul' Paul.Thekan@... [T-368_BC-610]
<T-368_BC-610@yahoogroups.com> wrote:
>>
>> This subject came up before either here or on another reflector and it was like Mark said , muffin fan or fans were being used with no problem and it was said that that we are not running the T-3's 24/7 in the tropics.
>>
>> Paul
>> N6FEG
>>
>> From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@...m]
>> Sent: Wednesday, November 18, 2015 12:37 PM
>> To: T-368_BC-610 Group Group
>> Subject: Re: [T-368_BC-610] How to kludge up a T-368
>>
>> > On Nov 18, 2015, at 11:51, Dennis DuValll w7qho@... [T-368_BC-610]
<T-368_BC-610@yahoogroups.com> wrote:

>> >
>> > See #281744436130
>> >
>> > Amongst other questions can one really get away with no forced air cooling across the seals of a 4-400?
>>
>> Link for convenience: http://www.ebay.com/itm/281744436130
>>
>> That doesn't seem like a wise thing to risk to me, given the cost of those tubes. But then, the modulator tubes don't get dedicated forced air, so maybe it's not as risky as I think for AM voice operation in comfortably cool room? The quieter muffin fans on the back panel are probably fine for typical amateur duty, but I wouldn't feel comfortable running the PA without a chimney and forced air. Maybe replacing the original PA squirrel cage with a quieter fan would be OK for AM voice service?
>>
>> --
>> Mark J. Blair, NF6X <nf6x@...>
>> http://www.nf6x.net/
>>
>> _____
>>
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>> [Non-text portions of this message have been removed]
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# 6255. Re: [T-368_BC-610] How to kludge up a T-368

Yahoo group: T-368_BC-610
Date: 2015-11-19 02:02:17 UTC
From: Ed Zeranski
Topic: 6247  Message: 6255

When I was gainfully employed we had mechanical engineers who ran temperature and manometer tests on cabineted gear we built. There were times when muffin fans though rated at a certain cfm could not meet spec in other than unobstructed condition so we had to use squirrel cage blowers to get the needed cooling.

EdZ

On 11/18/2015 04:53 PM, Dennis DuValll w7qho@... [T-368_BC-610] wrote:
>
> The Eimac spec sheet for the 4-400A definitely calls for forced air
> cooling.
>

# 6256. Re: [T-368_BC-610] How to kludge up a T-368

Yahoo group: T-368_BC-610
Date: 2015-11-19 05:05:59 UTC
From: Dennis DuValll
Topic: 6247  Message: 6256

Ed,

The typical configuration is/was to blow air up through the tube socket across the bottom pin seals, then by means of a chimney arrangement enclosing the tube direct the airflow upward and across the plate seal at the top. Special tube sockets are available configured to accommodate the air flow at the base of the tube. Chimneys are typically made out of glass but the original unit in the T-368 was metal. A constriction is included at the top of the chimney to direct the air flow inward against the top (plate) seal.

As an aside, original chimneys for certain tubes like the 3-1000Z are hard to find and expensive when you do. I have been told by a guy who would know that a separate fan just for the plate seal is a safe alternative alternative (at least for Ham use) but I was lucky and found an original chimney when I built my linear 30 years ago.

Dennis

**********
> On Nov 18, 2015, at 5:44 PM, Bry Carling bcarling@... [T-368_BC-610]
<T-368_BC-610@yahoogroups.com> wrote:
>
>
> Now that I think about this, I could be wrong. Somehow or another the amplifier I built had a big squirrel cage blower underneath the chassis. So perhaps it was blowing through the sockets. I really don't know.
>
> Best regards - Brian Carling
> AF4K Crystal Co.
> http://af4k.com <http://af4k.com/>
>
> Tel: 321-262-5471
>
>
>
>
> On Nov 18, 2015, at 7:53 PM, Dennis DuValll w7qho@... <mailto:w7qho@...> [T-368_BC-610]
<T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610@yahoogroups.com>> wrote:
>
>> The Eimac spec sheet for the 4-400A definitely calls for forced air cooling. I would concede that a muffin fan blowing across the tube from the side “could" provide sufficient cooling for the plate seal but no way for all the pin seals on the bottom of the tube. The 4-400s substituted for 4-125s in the modulator (why?) would be loafing along so might survive without forced air given intermittent ham use.
>>
>> The specs on the 3-1000Z in my HB linear, BTW, call for forced air ANY time the filament is lit whether or not any plate current is flowing.
>>

>> Dennis D. W7QHO
>> Glendale, CA
>>
>> **********
>>
>>> On Nov 18, 2015, at 1:31 PM, 'Thekan, Paul' Paul.Thekan@... <mailto:Paul.Thekan@...>
[T-368_BC-610] <T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610@yahoogroups.com>> wrote:
>>>
>>> This subject came up before either here or on another reflector and it was like Mark said , muffin fan or fans were being used with no problem and it was said that that we are not running the T-3's 24/7 in the tropics.
>>>
>>> Paul
>>> N6FEG
>>>
>>> From: T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610@yahoogroups.com>
[mailto:T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610@yahoogroups.com>]
>>> Sent: Wednesday, November 18, 2015 12:37 PM
>>> To: T-368_BC-610 Group Group
>>> Subject: Re: [T-368_BC-610] How to kludge up a T-368
>>>
>>> > On Nov 18, 2015, at 11:51, Dennis DuValll w7qho@... <mailto:w7qho@aol.com>
[T-368_BC-610] <T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610@yahoogroups.com>> wrote:
>>> >
>>> > See #281744436130
>>> >
>>> > Amongst other questions can one really get away with no forced air cooling across the seals of a 4-400?
>>>
>>> Link for convenience: http://www.ebay.com/itm/281744436130
<http://www.ebay.com/itm/281744436130>
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>>> That doesn't seem like a wise thing to risk to me, given the cost of those tubes. But then, the modulator tubes don't get dedicated forced air, so maybe it's not as risky as I think for AM voice operation in comfortably cool room? The quieter muffin fans on the back panel are probably fine for typical amateur duty, but I wouldn't feel comfortable running the PA without a chimney and forced air. Maybe replacing the original PA squirrel cage with a quieter fan would be OK for AM voice service?
>>>
>>> --
>>> Mark J. Blair, NF6X <nf6x@nf6x.net <mailto:nf6x@...>>
>>> http://www.nf6x.net/ <http://www.nf6x.net/>
>>>
>>> _____
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system.
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>>> [Non-text portions of this message have been removed]
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>

# 6257. Re: [T-368_BC-610] How to kludge up a T-368

Yahoo group: T-368_BC-610
Date: 2015-11-19 05:11:14 UTC
From: Dennis DuValll
Topic: 6247  Message: 6257

The Eimac 4-400 spec sheet clearly calls for forced air cooling. What kind of a configuration were you using?

Dennis D. W7QHO
Glendale, CA

**********

> On Nov 18, 2015, at 1:10 PM, Bry Carling bcarling@...m [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:
>
>
> Yes you can!! I did for years at least. My 4-400As were far more reliable than the strings of 8 series diodes per leg in a bridge.
>
> Best regards - Brian Carling
> AF4K Crystal Co.
> http://af4k.com <http://af4k.com/>
>
> Tel: 321-262-5471
>
>
>
>
> On Nov 18, 2015, at 2:51 PM, Dennis DuValll w7qho@aol.com <mailto:w7qho@...> [T-368_BC-610] <T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610@yahoogroups.com>> wrote:
>
>>
>> See #281744436130
>>
>> Amongst other questions can one really get away with no forced air cooling across the seals of a 4-400?
>>
>> Dennis D. W7QHO
>> Glendale, CA
>>
>>
>
>

# 6258. cooling

Yahoo group: T-368_BC-610
Date: 2015-11-19 11:19:56 UTC
From: Alan Morriss
Topic: 6258  Message: 6258

hello , i spent many years using collins 618T aircraft transcievers. they used a pair of similar valves , 4CX250 if i remember correctly. they had a very noisy fan delivering air from the base up through a chimney. we were told that if the fan failed the heaters alone would destroy the valve. alan G3GEN

# 6259. Re: [T-368_BC-610] How to kludge up a T-368

Yahoo group: T-368_BC-610
Date: 2015-11-20 16:14:28 UTC
From: Todd, KA1KAQ
Topic: 6247  Message: 6259

On Wed, Nov 18, 2015 at 4:31 PM, 'Thekan, Paul' Paul.Thekan@...
[T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:

> 
> 
> This subject came up before either here or on another reflector and it was
> like Mark said , muffin fan or fans were being used with no problem and it
> was said that that we are not running the T-3's 24/7 in the tropics.
> 
> Paul
> N6FEG
> 
> From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
> Sent: Wednesday, November 18, 2015 12:37 PM
> To: T-368_BC-610 Group Group
> Subject: Re: [T-368_BC-610] How to kludge up a T-368
> 
> > On Nov 18, 2015, at 11:51, Dennis DuValll w7qho@... [T-368_BC-610] <
> T-368_BC-610@yahoogroups.com> wrote:
> >
> > See #281744436130
> >
> > Amongst other questions can one really get away with no forced air
> cooling across the seals of a 4-400?
> 
> Link for convenience: http://www.ebay.com/itm/281744436130
> 
> That doesn't seem like a wise thing to risk to me, given the cost of those
> tubes. But then, the modulator tubes don't get dedicated forced air, so
> maybe it's not as risky as I think for AM voice operation in comfortably
> cool room? The quieter muffin fans on the back panel are probably fine for
> typical amateur duty, but I wouldn't feel comfortable running the PA
> without a chimney and forced air. Maybe replacing the original PA squirrel
> cage with a quieter fan would be OK for AM voice service?
> 
> --
> Mark J. Blair, NF6X <nf6x@...>
> http://www.nf6x.net/
> 
> ------------------------------
> 
> This message, including any attachments, may include privileged,
> confidential and/or inside information. Any distribution or use of this
> communication by anyone other than the intended recipient(s) is strictly
> prohibited and may be unlawful. If you are not the intended recipient,

> please notify the sender by replying to this message and then delete it
> from your system.
>
> [Non-text portions of this message have been removed]
>
>
>

# 6260. Re: [T-368_BC-610] How to kludge up a T-368

Yahoo group: T-368_BC-610
Date: 2015-11-20 16:23:51 UTC
From: Todd, KA1KAQ
Topic: 6247  Message: 6260

My apologies for the previous blank email. Working in a cafe with an apparently-possessed laptop. Or inept operator.

On Wed, Nov 18, 2015 at 4:31 PM, 'Thekan, Paul' Paul.Thekan@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:

>
>
> This subject came up before either here or on another reflector and it was
> like Mark said , muffin fan or fans were being used with no problem and it
> was said that that we are not running the T-3's 24/7 in the tropics.
>
That's my understanding as well. T-368s were used for such things as RTTY and other heavy duty-cycle applications. Intermittent amateur use would pose no problem unless perhaps you're one of the long-winded AMers who rambles on for 10 minutes or more. Even then, I'd guess only the occasion voice peak is really going to tax the transmitter.

I've got a commercial 1KW input transmitter that runs a pair of 4-250s in it, squirrel cage blower fastened on the back panel below the RF deck blowing up through. No chimneys. The tubes can get plenty red when tuned properly with plenty of audio. No issues.

~ Todd, KA1KAQ/4

>
> ------------------------------
> Reply via web post
> <https://groups.yahoo.com/neo/groups/T-368_BC-610/conversations/messages/6251;_ylc=X3oDMTJvMTNhZTVmBF9TAzk3MzU5NzE0BGdycElkAzI3Njk0NgRncnBzcElkAzE3MDUwMzQ2OTAEbXNnSWQDNjI1MQRzZWMDZnRyBHNsawNycGx5BHN0aW1lAzE0NDc4ODIzMDA-?act=reply&messageNum=6251>
> • Reply to sender
>
<Paul.Thekan@...?subject=RE%3A%20%5BT-368_BC-610%5D%20How%20to%20kludge%20up%20a%20T-368>
> • Reply to group
> <T-368_BC-610@yahoogroups.com?subject=RE%3A%20%5BT-368_BC-610%5D%20How%20to%20kludge%20up%20a%20T-368>
> • Start a New Topic
> <https://groups.yahoo.com/neo/groups/T-368_BC-610/conversations/newtopic;_ylc=X3oDMTJkaGs4ZGp0BF9TAzk3MzU5NzE0BGdycElkAzI3Njk0NgRncnBzcElkAzE3MDUwMzQ2OTAEc2VjA2Z0cgRzbGsDbnRwYwRzdGltZQMxNDQ3ODgyMzAw>
> • Messages in this topic
> <https://groups.yahoo.com/neo/groups/T-368_BC-610/conversations/topics/6247;_ylc=X3oDMTMzbW91cjAzBF9TAzk3MzU5NzE0BGdycElkAzI3Njk0NgRncnBzcElkAzE3MDUwMzQ2OTAEbXNnSWQDNjI1MQRzZWMDZnRyBHNsawN2dHBjBHN0aW1lAzE0NDc4ODIzMDAEdHBjSWQDNjI0Nw-->
> (5)

> Visit Your Group
> <https://groups.yahoo.com/neo/groups/T-368_BC-610/info;_ylc=X3oDMTJkNWd2MmRoBF9TAzk3MzU5NzE0BGdycElkAzI3Njk0NgRncnBzcElkAzE3MDUwMzQ2OTAEc2VjA3Z0bARzbGsDdmdocARzdGltZQMxNDQ3ODgyMzAw>
>
>
> [image: Yahoo! Groups]
> • Privacy <https://info.yahoo.com/privacy/us/yahoo/groups/details.html> •
> Unsubscribe <T-368_BC-610-unsubscribe@yahoogroups.com?subject=Unsubscribe>
> • Terms of Use <https://info.yahoo.com/legal/us/yahoo/utos/terms/>
>
> .
>
> __,_._,_
>

# 6261. FOR SALE - Beautiful Drake MN2000 Tuner.

Yahoo group: T-368_BC-610
Date: 2015-12-03 13:50:11 UTC
From: Bry Carling AF4K
Topic: 6261  Message: 6261

FOR SALE - Beautiful Drake MN2000 Tuner.

I will sell the excellent Drake MN2000 for $190.00 plus shipping.

It is superior to most I have seen, and is hard to tell that it is not new.

Anyone interested, please send an e-mail off the list please.

Pictures and details are available.

73 de AF4K,
Brian Carling

32one-262-5471

# 6262. FS: More nice Heathkits!

Yahoo group: T-368_BC-610
Date: 2015-12-03 23:21:40 UTC
From: Bry Carling AF4K
Topic: 6262  Message: 6262

FOR SALE - several Heathkit Items!

Heathkit HD1 - Harmonic Distortion Analyzer - excellent.
ypically $25 to $60 on eBay.
Available for $15.00
With Manual for $24.00

Heathkit IM17 Voltmeter - excellent - looks new.
http://www.heathkit.nu/heathkit_nu_IM-17.html
With probes and carry case - typically $30 to 65 on eBay
Available for $25.00 plus shipping

Heathkit MT1 Transmitter - looks very good - $75.00
Heathkit UT1 power supply for use with the MT1
on 120V AC - very nice - $45.00
Both together for $110.00 plus shipping

Heathkit SB10 SSB Generator - looks excellent - $95.00

Shipping additional for all the above.

Some of these have pictures at:
http://af4k.com/radios.htm

Other pictures and details on request.

73 de AF4K, Brian Carling

# 6263. FS: 200 kHz crystals

Yahoo group: T-368_BC-610
Date: 2015-12-05 11:06:50 UTC
From: Bry Carling AF4K
Topic: 6263  Message: 6263

FOR SALE - 200 kHz Crystals for the 51S1 and other Collins radios that need them.

We have several of these available for $19.00 each.

Order here:
http://www.af4k.com/hc6ucrystals100-1499khz.htm

73 de AF4K - Bry Carling

# 6264. ART13

Yahoo group: T-368_BC-610
Date: 2015-12-10 21:25:16 UTC
From: radiokid@...
Topic: 6264  Message: 6264

Hello,who can help me to tell a price valuation for a Collins ART13,I found one in a very nice untouched state with dynamo motor power supply and cabels.Thanks in advance.Peter DK6KT

# 6265. Re: [T-368_BC-610] ART13

Yahoo group: T-368_BC-610
Date: 2015-12-10 21:33:18 UTC
From: Dave Mantor
Topic: 6264  Message: 6265

Peter,

From what you've described and from what I've seen and depending on
overall its condition 400-500 US $.
Unfortunately, I'm old enough to remember when one could get nice ART-13s
for $60-75 US $.

Dave w9ocm

On Thu, Dec 10, 2015 at 4:25 PM, radiokid@... [T-368_BC-610] <
T-368_BC-610@yahoogroups.com> wrote:

>
>
> Hello,who can help me to tell a price valuation for a Collins ART13,I
> found one in a very nice untouched state with dynamo motor power supply and
> cabels.Thanks in advance.Peter DK6KT
>
>
>

# 6266. RE: [T-368_BC-610] ART13

Yahoo group: T-368_BC-610
Date: 2015-12-10 21:46:46 UTC
From: grasshopper
Topic: 6264  Message: 6266

pete.
here in US, radio about 250, dynamotor don't see often but likely 150.
never see cables.. Seen some sell as a set for arounf 500

steve, kd3ht

---

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
Sent: Thursday, December 10, 2015 4:25 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] ART13

Hello,who can help me to tell a price valuation for a Collins ART13,I found one in a very nice untouched state with dynamo motor power supply and cabels.Thanks in advance.Peter DK6KT

# 6267. Re: [T-368_BC-610] ART13

Yahoo group: T-368_BC-610
Date: 2015-12-10 21:49:28 UTC
From: kd1yt@...
Topic: 6264  Message: 6267

If it's really pristine and complete and you can connect with a buyer who is specifically interested in it, I'd say possibly higher (also I have no idea of their scarcity/ desirability/ usual condition in DK-land). Even when I was looking for an operable one when I lived in -2 land in the mid-late 80s, they'd become surprisingly scarce (though not yet high priced) and I eventually settled for a scruffy but complete and operable one that had been in a barn...

73
Trevor
KD1YT

PS, if it is a really complete/ clean "set" (hams nearly always ditched the dynamotors, or didn't buy them in the first place) it would be wonderful if it could be united with a historically appropriate setting...
-----Original Message-----
From: "Dave Mantor dmj.mantor@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
Sent: Thursday, December 10, 2015 4:33pm
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] ART13

Peter,
From what you've described and from what I've seen and depending on overall its condition 400-500 US $.
Unfortunately, I'm old enough to remember when one could get nice ART-13s for $60-75 US $.
Dave w9ocm

On Thu, Dec 10, 2015 at 4:25 PM, [ radiokid@... ]( mailto:radiokid@... ) [T-368_BC-610] <[ T-368_BC-610@yahoogroups.com ]( mailto:T-368_BC-610@yahoogroups.com )> wrote:

Hello,who can help me to tell a price valuation for a Collins ART13,I found one in a very nice untouched state with dynamo motor power supply and cabels.Thanks in advance.Peter DK6KT

# 6268. Re: [T-368_BC-610] ART13

Yahoo group: T-368_BC-610
Date: 2015-12-10 22:53:37 UTC
From: wa5cab@...
Topic: 6264  Message: 6268

A full set of connectors is seven. My current prices on them are $18 x 2 + $30 x 3 + $35 x 2. Or $196. I've seen some of them go for more. If the cables are original (I have only ever seen one set) or made up by someone who knew what he was doing, add about $100. The last DY-17A (final verions of the dynamotor) NOSB that I sold was in mid-2000 @ $90.00. So double that today. The transmitter with all of the tubes $250 to $375 depending upon condition and which of several models it is. If it includes the C-87 control box, add probably $55 today (they were $35 NOSB a decade ago). If it is sitting on the MT-284 shock mount, I never had one (most were scrapped with the aircraft and they are extremely rare) but I'd guess $200-$250. There are also several other bits but few people ever had them. The whole lot, strangely enough, could probably be had for 65-75% of the individual totals.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

In a message dated 12/10/2015 15:25:19 PM Central Standard Time,
T-368_BC-610@yahoogroups.com writes:
> Hello,who can help me to tell a price valuation for a Collins ART13,I
> found one in a very nice untouched state with dynamo motor power supply and
> cabels.Thanks in advance.Peter DK6KT
>
>
>
>
>
> Posted by: radiokid@...
>

# 6269. Re: [T-368_BC-610] ART13

Yahoo group: T-368_BC-610
Date: 2015-12-10 23:42:35 UTC
From: radiokid@...
Topic: 6264  Message: 6269

Hello,thank you for the spontaneous replys,in Germany,this ART13 is very seldom sold,I have never found one on ebay or so,this is one from an OM ,I am acquainted with and I saw his ART13 and then was dreaming about it,today I visited him again and I didn't know that he had another second one never been in use and I hope I can buy it,but we both are not sure about the price of it.He saw my BC610E working and was amused
about this old big transmitter,working with it is every time like an adventure and Ham's of the USA mostly know what I'm working with.I hope that I will be on the air next weeks with the ART13.
Greetings from Germany...
Peter DK6KT

# 6270. Re: [T-368_BC-610] ART13

Yahoo group: T-368_BC-610
Date: 2015-12-10 23:58:17 UTC
From: Dave Mantor
Topic: 6264  Message: 6270

Go for it, Peter.
You'll be glad you did.

Dave w9ocm

On Thu, Dec 10, 2015 at 6:42 PM, radiokid@... [T-368_BC-610] <
T-368_BC-610@yahoogroups.com> wrote:

>
>
> Hello,thank you for the spontaneous replys,in Germany,this ART13 is very
> seldom sold,I have never found one on ebay or so,this is one from an OM ,I
> am acquainted with and I saw his ART13 and then was dreaming about it,today
> I visited him again and I didn't know that he had another second one never
> been in use and I hope I can buy it,but we both are not sure about the
> price of it.He saw my BC610E working and was amused
> about this old big transmitter,working with it is every time like an
> adventure and Ham's of the USA mostly know what I'm working with.I hope
> that I will be on the air next weeks with the ART13.
> Greetings from Germany...
> Peter DK6KT
>
>

# 6271. Re: [T-368_BC-610] ART13

Yahoo group: T-368_BC-610
Date: 2015-12-11 00:06:24 UTC
From: Bry Carling
Topic: 6264  Message: 6271

That is wonderful Peter. I used to use an ART 13 which I converted to Grid Block keying. It was very easy to add some banana jacks in the rear panel which has those nice ventilation holes.

Best regards - Brian Carling
AF4K Crystal Co.
http://af4k.com

Tel: 321-262-5471

> On Dec 10, 2015, at 6:58 PM, Dave Mantor dmj.mantor@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:
>
>
>
> Go for it, Peter.
> You'll be glad you did.
>
> Dave w9ocm
>
>> On Thu, Dec 10, 2015 at 6:42 PM, radiokid@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:
>>
>> Hello,thank you for the spontaneous replys,in Germany,this ART13 is very seldom sold,I have never found one on ebay or so,this is one from an OM ,I am acquainted with and I saw his ART13 and then was dreaming about it,today I visited him again and I didn't know that he had another second one never been in use and I hope I can buy it,but we both are not sure about the price of it.He saw my BC610E working and was amused
>> about this old big transmitter,working with it is every time like an adventure and Ham's of the USA mostly know what I'm working with.I hope that I will be on the air next weeks with the ART13.
>> Greetings from Germany...
>> Peter DK6KT
>>
>
>
>
>

# 6272. BC-610 VFO Recommendation

Yahoo group: T-368_BC-610
Date: 2015-12-11 11:18:25 UTC
From: w4ax.mack@...
Topic: 6272  Message: 6272

I have a very nice BC-610 India model. I can highly recommend this VFO to drive it if you want a frequency agile radio. Hagerty Radio Company http://www.wa1ffl.com/

http://www.wa1ffl.com/

Hagerty Radio Company http://www.wa1ffl.com/ WA1FFL.com - DDS-VFO, AD9951, Direct-Digital VFO, amateur radio

View on www.wa1ffl.com http://www.wa1ffl.com/
Preview by Yahoo

For the record I have no financial or personal relationship with the owner. I'm just a very happy customer. Jim can custom program the VFO for the proper frequency multiplier settings the 610 uses. You can give him my callsign and he can program the same chip that I used.

73,

Mack
W4AX

# 6273. FS: Collins Power Transformer NOS

Yahoo group: T-368_BC-610
Date: 2015-12-11 21:47:58 UTC
From: Bry Carling AF4K
Topic: 6273  Message: 6273

FOR SALE:

Collins Part Number 672N243 "RADIO POWER TRANSFORMER"

Primary 105 - 125V AC

SEC No1 - 15.6V at 1 Amp
SEC No2 - 12.6v CT at 3.5 Amp

This is a very conservative rating. transformer can deliver more no doubt about that.
This is brand new in the original (unusual) box. Includes the instruction sheet.

Available for $35.00 plus shipping.

See pictures and details at:
http://af4k.com/miscpart.htm

73 - Bry AF4K

# 6274. Re: [T-368_BC-610] ART13

Yahoo group: T-368_BC-610
Date: 2015-12-12 01:36:40 UTC
From: Ed Zeranski
Topic: 6264  Message: 6274

> Peter,
>
> From what you've described and from what I've seen and depending on
> overall its condition 400-500 US $.
> Unfortunately, I'm old enough to remember when one could get nice
> ART-13s for $60-75 US $.
>
> Dave w9ocm

A year and a half ago I bought a VG ART13B for $185 at the West Coast Military Radio Collectors Group meet in San Luis Obispo. The seller, Andy KD6TKX, threw in a beat looking DY-12 dynamotor that I was able to save.

EdZ KG6UTS

# 6275. Re: [T-368_BC-610] ART13

Yahoo group: T-368_BC-610
Date: 2015-12-12 02:41:30 UTC
From: Dan Maliniak
Topic: 6264  Message: 6275

I would love to try one in the shack. Anyone ever come across one let me know.
Thanks
N8ZBA

D Maliniak

# 6276. BC 610 I owners

Yahoo group: T-368_BC-610
Date: 2015-12-12 19:03:23 UTC
From: wc4don@...
Topic: 6276  Message: 6276

Just a heads up on something I found and I really like it as of now. I was looking at Eastwood products and I was looking at coatings for my BC 610 I model which has the Chromate plated chassis and it had a silly looking gold color and it took 3 different cans to make it look like it had the different color tints to it .. well I found something else they had and it's call Carb Renew II Bronze .. now this stuff looks almost just like what's already on my chassis and I just cleaned the rust off and spayed it on .. it's a really dull finish but it's just like what was on there the color is almost a perfect match. I'm really happy with it so far .. it's made to go on your car's carb so it's fuel resistant and it's suppose to replicate the original zinc Chromate plating. And it just doesn't have the funky gold color .. it more of a brass I'd say .. Just wanted to throw that out and if anyone wants to see some pictures I'd be glad to send you some ..

73 Don WC4D

# 6277. FS: HRO for BC610 users

Yahoo group: T-368_BC-610
Date: 2015-12-12 21:12:42 UTC
From: Bry Carling AF4K
Topic: 6277  Message: 6277

Is there any BC610 user out there who might enjoy having an HRO Receiver to go with their BC610?

If so, contact me off the list and I can fill you in on the details.

73s de AF4K

# 6278. Re: ART13

Yahoo group: T-368_BC-610
Date: 2015-12-13 11:48:29 UTC
From: radiokid@...
Topic: 6264  Message: 6278

Hello,this sunday morning I arrived at home with the ART13 incl.dynamotor, I could buy this nice transmitter,
it's in a really nice condition,hope I understand it.
thanks and greetings to all,when on the air with it I will tell you.
Peter DK6KT

# 6279. Re: [T-368_BC-610] Re: ART13

Yahoo group: T-368_BC-610
Date: 2015-12-13 13:33:57 UTC
From: Alan Morriss
Topic: 6264  Message: 6279

hello peter , why not try AM on 3615 khz. the VMARS net is every saturday morning at 08.30 , and it would be great to hear you.there is also AM activity there most days. i use a british army W/S 53 transmitter and a marvellous Telefunken E52A rx. alan G4GEN
On 13 Dec 2015, at 11:48, radiokid@ymail.com [T-368_BC-610] wrote:

> Hello,this sunday morning I arrived at home with the ART13 incl.dynamotor, I could buy this nice transmitter,
> it's in a really nice condition,hope I understand it.
> thanks and greetings to all,when on the air with it I will tell you.
> Peter DK6KT
>
>

# 6280. Re: [T-368_BC-610] Re: ART13

Yahoo group: T-368_BC-610
Date: 2015-12-13 17:17:55 UTC
From: wa5cab@...
Topic: 6264  Message: 6280

Peter,

Should you need either the Operating or the Maintenance Manual, I have complete hard copy reprints available.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

In a message dated 12/13/2015 07:34:09 AM Central Standard Time, T-368_BC-610@yahoogroups.com writes:
> hello peter , why not try AM on 3615 khz. the VMARS net is every saturday
> morning at 08.30 , and it would be great to hear you.there is also AM
> activity there most days. i use a british army W/S 53 transmitter and a
> marvellous Telefunken E52A rx. alan G4GEN
> On 13 Dec 2015, at 11:48, radiokid@... [T-368_BC-610] wrote:
>
> >> Hello,this sunday morning I arrived at home with the ART13
>> incl.dynamotor, I could buy this nice transmitter,
>> it's in a really nice condition,hope I understand it.
>> thanks and greetings to all,when on the air with it I will tell you.
>> Peter DK6KT
>>
>>
>>
>>
>
>
>
>
>
> Posted by: Alan Morriss <mohawk@...>
>

# 6281. Re: [T-368_BC-610] Re: ART13

Yahoo group: T-368_BC-610
Date: 2015-12-13 21:18:58 UTC
From: radiokid@...
Topic: 6264  Message: 6281

Hello Robert,
that would be very nice and helpful for me,I have only a very bad copy of the wiring diagram,I found in the net some further information,I try to built a mains supply for the ART13,the cables to the dynamotor are very bad,the transmitter is nearly mint,
is'nt it to dear to send copys of the Operating and the Maintenance Manual to Germany?
hope to be soon qrv with the ART13.
best regards
Peter DK6KT

# 6282. Re: [T-368_BC-610] Re: ART13

Yahoo group: T-368_BC-610
Date: 2015-12-14 02:26:49 UTC
From: Norman Hairston
Topic: 6264  Message: 6282

HELLO, Alan,

If there were earlier messages, I missed them. Could you enlighten me? I am back on AM with a T-368 and R-390A. I would like to listen but this seems like a EU Net and may not reach U.S. unless good propagation and some power. I primarly work 3885 and some 40 M.

Harold

On 12/13/15 8:33 AM, Alan Morriss mohawk@... [T-368_BC-610] wrote:
>
> hello peter , why not try AM on 3615 khz. the VMARS net is every
> saturday morning at 08.30 , and it would be great to hear you.there is
> also AM activity there most days. i use a british army W/S 53
> transmitter and a marvellous Telefunken E52A rx. alan G4GEN
>
> On 13 Dec 2015, at 11:48, radiokid@...
> <mailto:radiokid@...> [T-368_BC-610] wrote:
>
>> Hello,this sunday morning I arrived at home with the ART13
>> incl.dynamotor, I could buy this nice transmitter,
>> it's in a really nice condition,hope I understand it.
>> thanks and greetings to all,when on the air with it I will tell you.
>> Peter DK6KT
>>
>
>

# 6283. Re: [T-368_BC-610] Re: ART13

Yahoo group: T-368_BC-610
Date: 2015-12-14 09:09:21 UTC
From: Alan Morriss
Topic: 6264  Message: 6283

hello peter , you may find the manual on the VMARS website. many manuals are on our site and they are free to download. try vmara.org.uk alan G4GEN
On 13 Dec 2015, at 21:18, radiokid@... [T-368_BC-610] wrote:

> Hello Robert,
> that would be very nice and helpful for me,I have only a very bad copy of the wiring diagram,I found in the net some further information,I try to built a mains supply for the ART13,the cables to the dynamotor are very bad,the transmitter is nearly mint,
> is'nt it to dear to send copys of the Operating and the Maintenance Manual to Germany?
> hope to be soon qrv with the ART13.
> best regards
> Peter DK6KT
>
>

# 6284. Re: [T-368_BC-610] Re: ART13

Yahoo group: T-368_BC-610
Date: 2015-12-14 09:13:18 UTC
From: Alan Morriss
Topic: 6264  Message: 6284

hello , the messages were from peter in germany , who has found a nice ART 13. alan
On 14 Dec 2015, at 02:26, Norman Hairston k4hca@... [T-368_BC-610] wrote:

> HELLO, Alan,
>
> If there were earlier messages, I missed them. Could you enlighten me? I am back on AM with a T-368 and R-390A. I would like to listen but this seems like a EU Net and may not reach U.S. unless good propagation and some power. I primarly work 3885 and some 40 M.
>
> Harold
>
> On 12/13/15 8:33 AM, Alan Morriss mohawk@... [T-368_BC-610] wrote:
>>
>> hello peter , why not try AM on 3615 khz. the VMARS net is every saturday morning at 08.30 , and it would be great to hear you.there is also AM activity there most days. i use a british army W/S 53 transmitter and a marvellous Telefunken E52A rx. alan G4GEN
>> On 13 Dec 2015, at 11:48, radiokid@... [T-368_BC-610] wrote:
>>
>>>
>>> Hello,this sunday morning I arrived at home with the ART13 incl.dynamotor, I could buy this nice transmitter,
>>> it's in a really nice condition,hope I understand it.
>>> thanks and greetings to all,when on the air with it I will tell you.
>>> Peter DK6KT
>>>
>>
>
>
>

# 6285. Re: [T-368_BC-610] Re: ART13

Yahoo group: T-368_BC-610
Date: 2015-12-14 11:14:36 UTC
From: Roger@...
Topic: 6264  Message: 6285

Why not try one of the UK SDR sites? This one is good:-

http://hackgreensdr.org:8901/ http://hackgreensdr.org:8901/

3615 kHz is the main AM UK channel and 3705 kHz for AM stations in Holland.

73

Roger/G3VKM

# 6286. Re: [T-368_BC-610] Re: ART13

Yahoo group: T-368_BC-610
Date: 2015-12-14 20:44:17 UTC
From: wa5cab@...
Topic: 6264  Message: 6286

Peter,

Based on nameplate details, there were actually eight variants of the transmitter commonly (and incorrectly) referred to as "the ART-13". These are the eight different radio sets that one or another version of the transmitter was a part of ; ATC, ATC-1, TCZ, TCZ-1, TCZ-2, AN/ART-13, AN/ART-13A and AN/ART-13B. Plus there were the AN/ARC-8, AN/MRC-20 and AN/MRC-35. If you can send me a photograph of the nameplate that should be on the right end of the transmitter, I can tell you which manual or manuals apply and what a hard copy of each would cost shipped to Germany.

The TCZ-1 was a shipboard variant of the ATC that originally came with a 115 VAC operated rectifier and motor-generator power supply. Several years ago, I took the schematic of that unit, deleted all of the shipboard remote control components, changed the M-G Set to a 28 VDC rectifier supply, and made a generic schematic for a rectifier power supply suitable for operating any of the the transmitters. I'll email you a PDF of this if you want it.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

In a message dated 12/13/2015 15:19:00 PM Central Standard Time,
T-368_BC-610@yahoogroups.com writes:
> Hello Robert,
> that would be very nice and helpful for me,I have only a very bad copy of
> the wiring diagram,I found in the net some further information,I try to
> built a mains supply for the ART13,the cables to the dynamotor are very
> bad,the transmitter is nearly mint,
> is'nt it to dear to send copys of the Operating and the Maintenance Manual
> to Germany?
> hope to be soon qrv with the ART13.
> best regards
> Peter DK6KT

# 6287. ART 13

Yahoo group: T-368_BC-610
Date: 2015-12-14 21:29:46 UTC
From: Alan Morriss
Topic: 6287  Message: 6287

hello , when i was on DC4s in the early 60s we had them plus a BC348 . they were jolly good , but the R/Os would never let us dim pilots touch them . on the way to australia with a rocket for woomera , frequently the R/O would have been in touch with sydney on the key by the time we had reached marseilles. when not necessary for communication , they would tune the 348 in to the BBC so we could listen to the news etc. alan

# 6288. Re: [T-368_BC-610] Re: ART13

Yahoo group: T-368_BC-610
Date: 2015-12-15 00:14:10 UTC
From: radiokid@...
Topic: 6264  Message: 6288

Hello Robert,
at the right side I found the nameplate:
Royal Canadian Air Force
Transmitter Air T-47A /ART13

reconditioned and overhauled in may 1961
there is a reference number
also a serial number

I found a date on one capacitor: June 1945

I have put the ART13 on my receiver R390A beside the BC610
I'm constructing a powersupply,
all the tubes are already glowing,only the voltage is still low,abt 24volts dc
I will improve this tomorrow,will let the tubes for some hours glowing without anode voltage, to bring them back to life.
should I lubricate the internal mechanics?
I have original machine gun oil from the WW2,
the American soldiers forgot this at the railroad station here, so my mother had plenty of oil to lubricate
her sewing-machine for the 50s,60s,70s,80s and so.
the transmitter looks pretty nice,no rust in the interior,
I can send you photos,to what email address?
best regards,
Peter

# 6289. FS: EV600H High Impedance hand microphone

Yahoo group: T-368_BC-610
Date: 2015-12-15 11:58:11 UTC
From: Bry Carling AF4K
Topic: 6289  Message: 6289

FOR SALE:

ELECTROVOICE EV600H High Impedance hand microphone.

New in box. This is a pretty rare item and it will work GREAT with vintage
radios that require a high Z mike. EV has a great reputation for their fine sounding mics.

Available for $55.00 plus shipping.

Pictures and details available at:

http://af4k.com/miscpart.htm
http://af4k.com/mics.htm

Contact me off list to see photos or arrange purchase.

73 - Bry Carling, AF4K

# 6290. Re: [T-368_BC-610] Re: ART13

Yahoo group: T-368_BC-610
Date: 2015-12-15 15:54:15 UTC
From: Ed Zeranski
Topic: 6264  Message: 6290

Robert,
I'd appreciate a copy also, mine is an ART-13B.

EdZ KG6UTS

On 12/14/2015 12:44 PM, wa5cab@... [T-368_BC-610] wrote:
>
> Peter,
>
> ........I'll email you a PDF of this if you want it.
>
> Robert Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>

# 6291. Re: ART13

Yahoo group: T-368_BC-610
Date: 2015-12-18 01:04:47 UTC
From: radiokid@...
Topic: 6264  Message: 6291

Hello,I want only to tell you that my ART13 is working,just had my first cw qso,I have only built a power supply,that means I modified an old power supply ,I have nothing done at the transmitter ART13,
that's phantastic for such an old transmitter being 70 years old.only the power output is low abt 40 watts ,
thanks to all for the good advices,would be glad to have a qso with your country
vy73!
Peter DK6KT

# 6292. RE: [T-368_BC-610] Re: ART13

Yahoo group: T-368_BC-610
Date: 2015-12-18 01:46:27 UTC
From: Meir WF2U
Topic: 6264  Message: 6292

Hello Peter,

Congratulations for getting your ART-13 on the air. I have a couple of them myself, plus the Russian version (R-807). I had them on the air using the dynamotors. My model PP-1104 28 V/50 A military surplus power supply presently is not operational (several old rectifier diodes failed) and I just need to take it apart and replace the 10 diodes in it.

First, regarding the 40 W output from your ART-13 on CW: are all the voltages up to what is specified in the manual? Are you loading the transmitter output directly into 50 ohms?

Just so you're aware of it, the ART-13 output network is not designed to load into a 50 ohm system. If you're using it on the 80 m band, you should connect a 500 pf capacitor from the antenna terminal to ground. The output circuit of the ART-13 needs the additional capacitance to load into 50 ohms. On 40 m it should work with a lower capacitance parallel to the output.

There is a great resource for tuning the ART-13 on the various amateur bands, for restoration and maintenance on this website: http://www.radioblvd.com/art13.htm .

With the specified voltages on the ART-13 you should be getting out at least 100-120 W easy on CW when properly loaded.

Good luck and keep us posted!

73, Meir WF2U

Landrum, South Carolina

---

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
Sent: Thursday, December 17, 2015 8:05 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] Re: ART13

Hello,I want only to tell you that my ART13 is working,just had my first cw qso,I have only built a power supply,that means I modified an old power supply ,I have nothing done at the transmitter ART13,
that's phantastic for such an old transmitter being 70 years old.only the power output is low abt 40 watts ,
thanks to all for the good advices,would be glad to have a qso with your country
vy73!
Peter DK6KT

# 6293. FS: Heathkit Parts HO-10

Yahoo group: T-368_BC-610
Date: 2015-12-19 11:41:47 UTC
From: Bry Carling AF4K
Topic: 6293  Message: 6293

FOR SALE - Heathkit HO-10 monitor scope.

If anyone could use it - I have a SPARE Heathkit HO-10 for sale.
I think it uses the same red knobs as are on the DX100B concentric loading controls etc. (VERY hard to find!)
It would need some repairs - a couple of the controls are bent. From an estate, so not sure what else is needed. A good parts source for sure. Available for parts at $25.00 plus shipping.
Pictures and details at:
http://af4k.com/miscpart.htm
73 de AF4K, Bry

# 6294. RE: [T-368_BC-610] Re: ART13

Yahoo group: T-368_BC-610
Date: 2015-12-20 23:21:32 UTC
From: radiokid@...
Topic: 6264  Message: 6294

Hello to all
and especially to Meir WF2U
you have been right,the voltage which should be 400V dropped to 320V ,so I added another transformer with 90V AC and that was it,power output on 40 and 80m slightly over 120watts,only on 80m there is an additional capacitor needed for loading,abt 300uuF to the 50 ohm coaxial cable.the powersupply is no beauty,consists of 2 parts ,one for heating 28V DC and the other for the high voltages (1100V,410V),but does the job well.
only the clattering of the relay in CW is nerve racking,the PTO is very stable,that is what the BC610 needs.
I have there a project to solve this problem for the BC610 (may be in the next year)
happy christmas to all and good luck in the new year!
73
Peter DK6KT

# 6295. RE: [T-368_BC-610] Re: ART13

Yahoo group: T-368_BC-610
Date: 2015-12-21 00:44:51 UTC
From: grasshopper
Topic: 6264  Message: 6295

Congratulations Peter, hope you make many qso's with it.

Steve, kd3ht

---

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
Sent: Sunday, December 20, 2015 6:22 PM
To: T-368_BC-610@yahoogroups.com
Subject: RE: [T-368_BC-610] Re: ART13

Hello to all
and especially to Meir WF2U
you have been right,the voltage which should be 400V dropped to 320V ,so I added another transformer with 90V AC and that was it,power output on 40 and 80m slightly over 120watts,only on 80m there is an additional capacitor needed for loading,abt 300uuF to the 50 ohm coaxial cable.the powersupply is no beauty,consists of 2 parts ,one for heating 28V DC and the other for the high voltages (1100V,410V),but does the job well.
only the clattering of the relay in CW is nerve racking,the PTO is very stable,that is what the BC610 needs.
I have there a project to solve this problem for the BC610 (may be in the next year)
happy christmas to all and good luck in the new year!
73
Peter DK6KT

# 6296. Re: [T-368_BC-610] Re: ART13

Yahoo group: T-368_BC-610
Date: 2015-12-21 01:00:37 UTC
From: Bry Carling
Topic: 6264  Message: 6296

Yes that is a lot of work for 120 watts out, but I'm sure it will be very enjoyable. Much more fun than the typical HF solid state rig.

Best regards - Brian Carling
AF4K Crystal Co.
http://af4k.com

Tel: 321-262-5471

> On Dec 20, 2015, at 7:44 PM, 'grasshopper' grasshopper@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:
>
>
>
> Congratulations Peter, hope you make many qso's with it.
>
> Steve, kd3ht
>
> From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
> Sent: Sunday, December 20, 2015 6:22 PM
> To: T-368_BC-610@yahoogroups.com
> Subject: RE: [T-368_BC-610] Re: ART13
>
> Hello to all
> and especially to Meir WF2U
> you have been right,the voltage which should be 400V dropped to 320V ,so I added another transformer with 90V AC and that was it,power output on 40 and 80m slightly over 120watts,only on 80m there is an additional capacitor needed for loading,abt 300uuF to the 50 ohm coaxial cable.the powersupply is no beauty,consists of 2 parts ,one for heating 28V DC and the other for the high voltages (1100V,410V),but does the job well.
> only the clattering of the relay in CW is nerve racking,the PTO is very stable,that is what the BC610 needs.
> I have there a project to solve this problem for the BC610 (may be in the next year)
> happy christmas to all and good luck in the new year!
> 73
> Peter DK6KT
>
>
>
>

# 6297. Re: [T-368_BC-610] Re: ART13

Yahoo group: T-368_BC-610
Date: 2015-12-21 01:01:10 UTC
From: Bry Carling
Topic: 6264  Message: 6297

I had one years ago and converted it to grid block keying. No more clacking relays!

Best regards - Brian Carling
AF4K Crystal Co.
http://af4k.com

Tel: 321-262-5471

> On Dec 20, 2015, at 7:44 PM, 'grasshopper' grasshopper@... [T-368_BC-610]
<T-368_BC-610@yahoogroups.com> wrote:
>
>
>
> Congratulations Peter, hope you make many qso's with it.
>
> Steve, kd3ht
>
> From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
> Sent: Sunday, December 20, 2015 6:22 PM
> To: T-368_BC-610@yahoogroups.com
> Subject: RE: [T-368_BC-610] Re: ART13
>
> Hello to all
> and especially to Meir WF2U
> you have been right,the voltage which should be 400V dropped to 320V ,so I added another transformer with 90V AC and that was it,power output on 40 and 80m slightly over 120watts,only on 80m there is an additional capacitor needed for loading,abt 300uuF to the 50 ohm coaxial cable.the powersupply is no beauty,consists of 2 parts ,one for heating 28V DC and the other for the high voltages (1100V,410V),but does the job well.
> only the clattering of the relay in CW is nerve racking,the PTO is very stable,that is what the BC610 needs.
> I have there a project to solve this problem for the BC610 (may be in the next year)
> happy christmas to all and good luck in the new year!
> 73
> Peter DK6KT
>
>
>
>

# 6298. Re: [T-368_BC-610] Re: ART13

Yahoo group: T-368_BC-610
Date: 2015-12-21 04:33:34 UTC
From: Meir WF2U
Topic: 6264  Message: 6298

The clacking relays are a minor noise in the scheme of things. The dynamotor is a constant background noise in the CW mode, although not objectionable if well maintained. Since I always use headphones for CW work (and also on AM with military gear that originally didn't use speakers, such as the BC-348), the dynamotor is barely audible. I'd never modify original military radios for a perceived "convenience" or for anything else - if anything, in case I get some surplus equipment that was modified, I restore it the way it is supposed to be and to be functioning when issued.

YMMV...

73, Meir WF2U
Landrum, SC

On December 20, 2015 8:01:10 PM EST, "Bry Carling bcarling@... [T-368_BC-610]"
<T-368_BC-610@yahoogroups.com> wrote:
>I had one years ago and converted it to grid block keying. No more
>clacking relays!
>
>Best regards - Brian Carling
> AF4K Crystal Co.
>http://af4k.com
>
>Tel: 321-262-5471
>
>
>
>
>> On Dec 20, 2015, at 7:44 PM, 'grasshopper' grasshopper@...
>[T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:
>>
>>
>>
>> Congratulations Peter, hope you make many qso's with it.
>>
>> Steve, kd3ht
>>
>> From: T-368_BC-610@yahoogroups.com
>[mailto:T-368_BC-610@yahoogroups.com]
>> Sent: Sunday, December 20, 2015 6:22 PM
>> To: T-368_BC-610@yahoogroups.com
>> Subject: RE: [T-368_BC-610] Re: ART13
>>
>> Hello to all
>> and especially to Meir WF2U
>> you have been right,the voltage which should be 400V dropped to 320V
>,so I added another transformer with 90V AC and that was it,power

>output on 40 and 80m slightly over 120watts,only on 80m there is an
>additional capacitor needed for loading,abt 300uuF to the 50 ohm
>coaxial cable.the powersupply is no beauty,consists of 2 parts ,one for
>heating 28V DC and the other for the high voltages (1100V,410V),but
>does the job well.
>> only the clattering of the relay in CW is nerve racking,the PTO is
>very stable,that is what the BC610 needs.
>> I have there a project to solve this problem for the BC610 (may be in
>the next year)
>> happy christmas to all and good luck in the new year!
>> 73
>> Peter DK6KT
>>
>>
>>
>>

--
Sent from my Android device with K-9 Mail. Please excuse my brevity.

# 6299. ART 13

Yahoo group: T-368_BC-610
Date: 2015-12-21 09:15:20 UTC
From: Alan Morriss
Topic: 6287  Message: 6299

hello peter , i would not do any modifications to your ART 13 once you do it is no longer an ART13 ! you would be better with a modern rig. regarding the BC610 VFO , the best thing to do is to build or buy something like the "multi rock" stable frequency source , and make up a lead of small diameter coax with an old xtal at the end. just plug it in to the xtal socket on the vfo . jan PA3HCO has done iit , with very good results. i am sure he would be glad to help . mine works fine , but my BC610 is unserviceable just now. alan G4GEN

# 6300. Re: [T-368_BC-610] ART 13

Yahoo group: T-368_BC-610
Date: 2015-12-21 17:44:31 UTC
From: wa5cab@...
Topic: 6287  Message: 6300

USN at least did some BC-610's that way probably in the late 1940's. In 1967 I "inherited" a BC-610-F and multi-band outboard VFO from NRTF, Ruston, LA that had been used there in the 1950's. Worked pretty well so long as you didn't hit the VFO with anything.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

In a message dated 12/21/2015 03:15:23 AM Central Standard Time, T-368_BC-610@yahoogroups.com writes:

> hello peter , i would not do any modifications to your ART 13 once you do
> it is no longer an ART13 ! you would be better with a modern rig.
> regarding the BC610 VFO , the best thing to do is to build or buy something like
> the "multi rock" stable frequency source , and make up a lead of small
> diameter coax with an old xtal at the end. just plug it in to the xtal socket on
> the vfo . jan PA3HCO has done iit , with very good results. i am sure he
> would be glad to help . mine works fine , but my BC610 is unserviceable just
> now. alan G4GEN
>
> ------------------------------------
> Posted by: Alan Morriss <mohawk@...>

# 6301. Re: [T-368_BC-610] Re: ART13

Yahoo group: T-368_BC-610
Date: 2015-12-21 20:14:31 UTC
From: radiokid@...
Topic: 6264  Message: 6301

concerning "my" BC610 VFO project:I have the VFO part of an old German Lorenz receiver with ceramic coils and temperatur compensated capacitors for 2 to 9mc in 5 sections which I want to built in an old defective tuning unit,so the BC610 will generate its own variable frequency himself with his own tube complement without the help of an outside generator and it will leave the BC610 untouched because I can let the tuning unit vanish whenever I want it.I am no friend of drilling additional holes in an old time equipment, thats like a sacrileg.
thanks to all for giving helpful inspirations.
73
PeterDK6KT

# 6302. Re: [T-368_BC-610] Re: ART13 - BC-610 Tuning Unit

Yahoo group: T-368_BC-610
Date: 2015-12-21 20:53:06 UTC
From: Roger@...
Topic: 6264  Message: 6302

That's a very good idea, Peter. I think it might be possible to fit one of the DDS VFO kits and a suitable buffer stage to drive the BC-610 6V6 oscillator inside a old tuning unit. I have a few scrap TUs that have been used for spares, so I don't need to modify a working unit.

73

Roger/G3VKM

# 6303. RE: [T-368_BC-610] Re: ART13 - BC-610 Tuning Unit

Yahoo group: T-368_BC-610
Date: 2015-12-21 21:04:32 UTC
From: Mike Feher
Topic: 6264  Message: 6303

That should work well. However, be careful, solid state stuff does not like RF all that much. So, use a lot of filtering to the DDS as well as shielding. 73 & Merry Christmas to all – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
Sent: Monday, December 21, 2015 3:53 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] Re: ART13 - BC-610 Tuning Unit

That's a very good idea, Peter. I think it might be possible to fit one of the DDS VFO kits and a suitable buffer stage to drive the BC-610 6V6 oscillator inside a old tuning unit. I have a few scrap TUs that have been used for spares, so I don't need to modify a working unit.

73

Roger/G3VKM

# 6304. DDS

Yahoo group: T-368_BC-610
Date: 2015-12-21 21:18:30 UTC
From: Alan Morriss
Topic: 6304  Message: 6304

hello , i would never drill a hole in my BC610 ! what i envisage is feeding the small diameter coax through a vent at the rear or similar. this would shield it from the RF , as i also built it into a diecast box. i would say that having it inside would be disastrous. jan has had great success with his set up. so far i just use xtals. alan G4GEN

# 6305. lorenz RX

Yahoo group: T-368_BC-610
Date: 2015-12-21 21:26:33 UTC
From: Alan Morriss
Topic: 6305  Message: 6305

hello peter , you might be interested to hear that i have a lorenz Lo6K39 which i am working on. it goes , but is very quiet. of course it is a TRF . what rx was your vfo out of ? i also have a telefunken E52A which is about my most treasured possession. alan

# 6306. Re: lorenz RX

Yahoo group: T-368_BC-610
Date: 2015-12-22 00:19:47 UTC
From: radiokid@...
Topic: 6305  Message: 6306

Alan,
I have 3 wrecks of the Lorenz receiver 6P203 , 2 hopelessly irreparable,one may be possible to repair,but it has no case,and I have one in good order original state.the common opinion is that this receiver isn't a good one,but I think if one adds a product detector (an additional tube,BFO is present) it would give a useful receiver,covering shortwave from 1500kcs to 8,5mcs in 5 bands.I found the oscillator parts in a nice state with little ceramic coils of abt 1.5cm diameter.and I thought that these parts would give a nice VFO for theBC610.
this receiver is rather stable over its full range and if one uses all capacitors incl. the main variable condensor
it should be possible to built an oscillator for the BC610,but I think one should use the first harmonic to prevent chirp effects.In my BC610 the oscillator is continuously running,I'm keying the both neutralized 807 which has the advantage that they can run in class B on the same frequency.I have added much shielding, I think you will not do so but I have not drilled any hole in this transmitter.neutralisation was easy.the last modification I made was to replace the 250TH by an RS384,it is the same as the Russian GU81M, and this tube works without complications,its so big that she fits only without socket in the case,output is on 40m over 600watts,if one wants but I am anxious abt the power supply.the RS384 will not become a red anode.
you see a BC610 has enough room for some experiments,but you should take great care of the high voltages.the last thing is indeed the VFO,it must be improved.The OM from which the ART13 is has also a very old Lorenz receiver,I think that is the one which would exactly fit to your transmitter the LO6 K39A,but he said to me,this receiver is traded abt 2000EUR,that is somewhat to dear for me,and its only an Audion,
regenerative receiver because the Germans have been afraid to be detected and located if these receivers are used in submarines.the corresponding Lorenz transmitter looks very simple,but you should keep in mind that the Germans had made great progresses in using ceramics that allows nearly perfect frequency stability using coils on ceramic and so on,before WW2,real frequency variable oscillators,not fixed at quartz frequencies.Alan,if you are interested, I can collect the most important parts of one of the Lorenz wrecks to ship it to you.the OM has also some other German WW2 stuff,I am not so interested in,can tell you later,so this night the ART13 left switched off,must answer you.
73 good night
Peter DK6KT

# 6307. RE: [T-368_BC-610] Re: ART13 - BC-610 Tuning Unit

Yahoo group: T-368_BC-610
Date: 2015-12-22 19:39:53 UTC
From: Roger@...
Topic: 6264  Message: 6307

Good point, Mike!

All the best for 2016.

Roger/G3VKM

# 6308. Re: [T-368_BC-610] Re: ART13

Yahoo group: T-368_BC-610
Date: 2015-12-30 04:35:02 UTC
From: wa5cab@...
Topic: 6264  Message: 6308

Peter,

Sorry for the delay.

There are several manuals that are applicable to AN/ART-13A, of which TU-47A/ART-13 is a part. The best Maintenance Manual is AN 16-30ART13-4 dated 8 March 1949, last revised 15 September 1954. The final version of the Operations Manual is T.O. 12R2-2ART13-1 original date 17 September 1944 final revision 26 September 1968. And the Overhaul Manual is NAVAER 16-30ART13-501 dated 1 December 1948. There are earlier versions of the first two which would probably be OK for your purposes but I won't list all of them as there are more than 20 total.

I imagine that the machine gun oil would be OK to use. You will also need a medium viscosity grease for all of the gears. The lubrication instructions are included in the Maintenance Manual.

In a message dated 12/14/2015 18:14:17 PM Central Standard Time, T-368_BC-610@yahoogroups.com writes:
> Hello Robert,
> at the right side I found the nameplate:
> Royal Canadian Air Force
> Transmitter Air T-47A /ART13
>
> reconditioned and overhauled in may 1961
> there is a reference number
> also a serial number
>
> I found a date on one capacitor: June 1945
>
> I have put the ART13 on my receiver R390A beside the BC610
> I'm constructing a powersupply,
> all the tubes are already glowing,only the voltage is still low,abt
> 24volts dc
> I will improve this tomorrow,will let the tubes for some hours glowing
> without anode voltage, to bring them back to life.
> should I lubricate the internal mechanics?
> I have original machine gun oil from the WW2,
> the American soldiers forgot this at the railroad station here, so my
> mother had plenty of oil to lubricate
> her sewing-machine for the 50s,60s,70s,80s and so.
> the transmitter looks pretty nice,no rust in the interior,
> I can send you photos,to what email address?
> best regards,
> Peter
>

>
> Posted by: radiokid@...
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

# 6309. grease

Yahoo group: T-368_BC-610
Date: 2015-12-30 08:28:21 UTC
From: Alan Morriss
Topic: 6309  Message: 6309

hello peter , reading what robert said about grease , i find that silicone grease is excellent for this sort of thing. you can get a nice small tube and it is easy to apply from this. alan G4GEN

# 6310. Re: grease

Yahoo group: T-368_BC-610
Date: 2015-12-31 00:41:56 UTC
From: radiokid@...
Topic: 6309  Message: 6310

Hello,thank you for all the informations concerning the ART13.this transmitter works nice,but has chirp,is that ok or is that due to unstable power supply voltages,is there a cure possible?power output is on 20m over 90 watts,on 40 and 80m over 120watts at abt 1100volts 813 anode and 400 volts the other high voltage.mostly I have the lid removed for to look at the tubes(should I replace the lid?), the last 1625 has a blue halo inside nearest the glass envelope also the 837oscillator tube, but they are working.the oscillator is stable,makes working the transmitter a pleasure.I have not lubricated the transmitter ,I am afraid that oil comes to the clutches ,I think they should stay dry.mostly I do manual tuning,but the automatics are also working and nice to look how mysterious it works.the oil from WW2 is from the Gulf oil corporation order no.727-43-19001 FS DA 1-Quart oil lubricating for aircraft instruments and machine guns USA specification 2-27-E Gulf BLDG Pittsburgh,PA.I have one sealed container abt one liter(?) and one already opened, the rest was already used for sewing machine and so.I think it's from 1943, how curious it is that it finds now its way to an American airborne transmitter after so long time.Concerning the manuals,I try to make a copy of the one the retired OM has, I bought the ART13 from.he has his own ART13 but is not so often on the air.I will make no modifications to the ART13,it works so as it is wonderful.one last thing to tell is that the power supply producing the 28 volts made so strong RF noise which reached up to over 10 mcs, the old diodes were the cause for this interference, I replaced the old diodes and the noise in the receiver was away.
good luck in the new year!
Peter DK6KT

# 6311. Re: [T-368_BC-610] Re: grease

Yahoo group: T-368_BC-610
Date: 2015-12-31 00:44:17 UTC
From: Bry Carling
Topic: 6309  Message: 6311

Wonderful story Peter. Thank you.

Best regards - Brian Carling
AF4K Crystal Co.
117 Sterling Pine St.
Sanford, FL 32773

Tel: 321-262-5471

> On Dec 30, 2015, at 7:41 PM, radiokid@ymail.com [T-368_BC-610]
<T-368_BC-610@yahoogroups.com> wrote:
>
>
>
> Hello,thank you for all the informations concerning the ART13.this transmitter works nice,but has chirp,is that ok or is that due to unstable power supply voltages,is there a cure possible?power output is on 20m over 90 watts,on 40 and 80m over 120watts at abt 1100volts 813 anode and 400 volts the other high voltage.mostly I have the lid removed for to look at the tubes(should I replace the lid?), the last 1625 has a blue halo inside nearest the glass envelope also the 837oscillator tube, but they are working.the oscillator is stable,makes working the transmitter a pleasure.I have not lubricated the transmitter ,I am afraid that oil comes to the clutches ,I think they should stay dry.mostly I do manual tuning,but the automatics are also working and nice to look how mysterious it works.the oil from WW2 is from the Gulf oil corporation order no.727-43-19001 FS DA 1-Quart oil lubricating for aircraft instruments and machine guns USA specification 2-27-E Gulf BLDG Pittsburgh,PA.I have one sealed container abt one liter(?) and one already opened, the rest was already used for sewing machine and so.I think it's from 1943, how curious it is that it finds now its way to an American airborne transmitter after so long time.Concerning the manuals,I try to make a copy of the one the retired OM has, I bought the ART13 from.he has his own ART13 but is not so often on the air.I will make no modifications to the ART13,it works so as it is wonderful.one last thing to tell is that the power supply producing the 28 volts made so strong RF noise which reached up to over 10 mcs, the old diodes were the cause for this interference, I replaced the old diodes and the noise in the receiver was away.
> good luck in the new year!
> Peter DK6KT
>
>

# 6312. art 13

Yahoo group: T-368_BC-610
Date: 2015-12-31 09:00:28 UTC
From: Alan Morriss
Topic: 6312  Message: 6312

hello peter , do not worry about the blue glow from the glass of the beam tetrodes. this is normal and caused by electrons striking the glass. for some reason i have found that not all 807s show it . you may have seen a maltese cross tube which is used for educational purposes. it is a bit like a cathode ray tube , and was indeed the fore runner. the anode consists of a maltese cross , and on the glass behind it there is a blue glow , except in the shadow of the anode. alan

# 6313. Re: [T-368_BC-610] Re: grease

Yahoo group: T-368_BC-610
Date: 2016-01-01 00:28:42 UTC
From: wa5cab@...
Topic: 6309  Message: 6313

I don't recall about the chirp (haven't had a 52286 or T-47 on the air in decades) but don't think that's normal.

If you follow the lubrication instructions in the manual, you aren't going to get any oil on the clutches. After probably 50+ years, it definitely needs a lube job.

In a message dated 12/30/2015 18:41:57 PM Central Standard Time, T-368_BC-610@yahoogroups.com writes:

> Hello,thank you for all the informations concerning the ART13.this
> transmitter works nice,but has chirp,is that ok or is that due to unstable power
> supply voltages,is there a cure possible?power output is on 20m over 90
> watts,on 40 and 80m over 120watts at abt 1100volts 813 anode and 400 volts the
> other high voltage.mostly I have the lid removed for to look at the
> tubes(should I replace the lid?), the last 1625 has a blue halo inside nearest
> the glass envelope also the 837oscillator tube, but they are working.the
> oscillator is stable,makes working the transmitter a pleasure.I have not
> lubricated the transmitter ,I am afraid that oil comes to the clutches ,I think
> they should stay dry.mostly I do manual tuning,but the automatics are also
> working and nice to look how mysterious it works.the oil from WW2 is from
> the Gulf oil corporation order no.727-43-19001 FS DA 1-Quart oil lubricating
> for aircraft instruments and machine guns USA specification 2-27-E Gulf
> BLDG Pittsburgh,PA.I have one sealed container abt one liter(?) and one
> already opened, the rest was already used for sewing machine and so.I think it's
> from 1943, how curious it is that it finds now its way to an American
> airborne transmitter after so long time.Concerning the manuals,I try to make a
> copy of the one the retired OM has, I bought the ART13 from.he has his own
> ART13 but is not so often on the air.I will make no modifications to the
> ART13,it works so as it is wonderful.one last thing to tell is that the power
> supply producing the 28 volts made so strong RF noise which reached up to
> over 10 mcs, the old diodes were the cause for this interference, I replaced
> the old diodes and the noise in the receiver was away.
> good luck in the new year!
> Peter DK6KT
>
>
> Posted by: radiokid@...
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

# 6314. Fwd: Check out Luftwaffe Finis: The End of the German Air Force 1945, Restored Col

Yahoo group: T-368_BC-610
Date: 2016-01-01 10:26:10 UTC
From: Alan Morriss
Topic: 6314  Message: 6314

Begin forwarded message:

> From: Peter de Roos <peter@...>
> Date: 29 December 2015 17:56:01 GMT
> To: Alan Morriss <mohawk@...>
> Subject: Fwd: Check out Luftwaffe Finis: The End of the German Air Force 1945, Restored Col
>
> Alan,
> You mat have seen this and related films on YouTube. Anyway I wish you a fulfilling and above all healthy New Year. Hope we will catch up in 2016.
> Peter
>
>>
>> Click here: Luftwaffe Finis: The End of the German Air Force 1945, Restored Color - YouTube
>

# 6315. Re: Fwd: Check out Luftwaffe Finis: The End of the German Air Force 1945, Restored Col

Yahoo group: T-368_BC-610
Date: 2016-01-01 11:55:02 UTC
From: radiokid@...
Topic: 6314  Message: 6315

Hello,thank you again for all,I's so nice to stay in discussion with you. First I can say,I keep the old BC610E from Feb.1945 and now this wonderful ART13 also from 1945 as remembrance-pieces of WW2, being so thankful that the Allies liberated us Germans from Nazi-dictatorship, I'm postwar generation but my father had no good opinion of the Nazis,he couldn't understand why they deported so much Jews from Bonn,he lived together with,often poor Jews.He was first in France in the little village of Locmine/Bretagne and then in Russia at temperatures of abt -40 C, he came back with Bomb splinters in his hands not irritating him.There are many Germans ,suffering from Nazi's terrorism.The common opinion is,that the Nazi's had to start the war,because scientific and technical progress were at that time enormous, so the high armoured German military runs the risk of starting later with outdated material.We should not admire (the unripe state of) rockets like V1 or V2 or the aircraft Me262.I could never understand how people could elect such an obvious fool dictator.Thank you for the link to "the end of German airforce" I will see it this afternoon,I was acquainted with General Steinhoff,he was at German airforce, he came so often with his horse along my meadow,but we had only short talks,his face was terribly burned from aircraft disaster (with Me262?) when landing.(I'm not sure,if this is the right place,to write abt all this)
Best wishes to all for the new year 2016!
Peter DK6KT

P.S. sometimes I think of so many BC610 sunk on ground of Atlantic by German submarines,exist there missing lists?

# 6316. WW2

Yahoo group: T-368_BC-610
Date: 2016-01-01 12:10:46 UTC
From: Alan Morriss
Topic: 6316  Message: 6316

hello , nice to hear from you peter, glad you liked it. most people do. i am pretty familiar with what you say , as i spent some time in your country. i trained the lufthansa pilots to fly the JU52 which they bought. i took the one i used to fly in films etc over. in the end i had a catastrophic engine failure taking off from aschafenburg and wound up in a field. if you ever visit the autotechnic museum at sinsheim , it is there. alan

# 6317. Re: WW2

Yahoo group: T-368_BC-610
Date: 2016-01-01 20:15:27 UTC
From: radiokid@...
Topic: 6316  Message: 6317

hello, the second ART13 is also for sale inclusive professional powersupplys same price as I gave,
two ART13 are too much for me,if there is interest,I can help shipping.can speak yourself with the seller.
73s Peter

# 6318. Re: [T-368_BC-610] Re: grease

Yahoo group: T-368_BC-610
Date: 2016-01-11 12:51:11 UTC
From: radiokid@...
Topic: 6309  Message: 6318

is 200watts output too much for an ART13?

# 6319. Re: [T-368_BC-610] Re: grease

Yahoo group: T-368_BC-610
Date: 2016-01-11 16:39:37 UTC
From: wa5cab@...
Topic: 6309  Message: 6319

Yes.

In a message dated 01/11/2016 06:51:13 AM Central Standard Time,
T-368_BC-610@yahoogroups.com writes:
> is 200watts output too much for an ART13?
>
>
> Posted by: radiokid@...
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

# 6320. T/R relay

Yahoo group: T-368_BC-610
Date: 2016-02-03 21:58:31 UTC
From: John Chmielewski
Topic: 6320  Message: 6320

Hello to the group. I now have 2 T-368's a C and an F. I just picked up the C and it is missing the T/R relay. Any help will be appreciated. Thanks.

John N2XD

# 6321. Setting Modulator Bias

Yahoo group: T-368_BC-610
Date: 2016-02-03 22:17:19 UTC
From: wc4don@...
Topic: 6321  Message: 6321

I have a T368 C model .. with the switch set to X20 ..I would like to know where to set my mod bias on the meter .. I've been setting it at 5 that's the number 5 on the dial .. I keep having a relay arc over on the mod deck and it only does it after 30 or 40 mins on the air .. talking ... I have cleaned the contacts several times and that's not helping so I'm going to just replace the whole relay with one I bought in another deck .. but I'd still like to know about the mod bias ..

Thanks and 73 Don WC4D

# 6322. Re: [T-368_BC-610] Setting Modulator Bias

Yahoo group: T-368_BC-610
Date: 2016-02-04 01:36:33 UTC
From: Dennis DuValll
Topic: 6321  Message: 6322

Chris,

Five (5) is where I have always used to set my “C” and now the “Basic” i’m using. Be sure to keep that meter switch clean though. Doesn’t take much crud there to start seeing uncertain readings.

Presume you suspect K3 here, the CW/Phone relay. Kinda hard to get a look at what’s going on with that unit when the radio is buttoned up for operation though. Does the problem seem to occur on key-on, key-off or while you’re talking? I would check the spacing on the spark gap on secondary of the mod former first before swapping the relay. Gap should be set at 0.0625inch. Spacing on the relay contacts when open should be considerably more than that BTW.

Dennis D. W7QHO
Glendale, CA

**********
> On Feb 3, 2016, at 2:17 PM, wc4don@gmail.com [T-368_BC-610]
<T-368_BC-610@yahoogroups.com> wrote:
>
>
> I have a T368 C model .. with the switch set to X20 ..I would like to know where to set my mod bias on the meter .. I've been setting it at 5 that's the number 5 on the dial .. I keep having a relay arc over on the mod deck and it only does it after 30 or 40 mins on the air .. talking ... I have cleaned the contacts several times and that's not helping so I'm going to just replace the whole relay with one I bought in another deck .. but I'd still like to know about the mod bias ..
>
>
>
> Thanks and 73 Don WC4D
>
>
>

# 6323. Re: [T-368_BC-610] T/R relay

Yahoo group: T-368_BC-610
Date: 2016-02-04 01:45:55 UTC
From: Dennis DuValll
Topic: 6320  Message: 6323

Do you mean the Antenna Changeover Relay, Or, maybe the Plate relay down on the PS drawer?

Dennis D. W7QHO.

**********
> On Feb 3, 2016, at 1:58 PM, John Chmielewski n2xd@... [T-368_BC-610]
<T-368_BC-610@yahoogroups.com> wrote:
>
>
> Hello to the group. I now have 2 T-368's a C and an F. I just picked up the C and it is
missing the T/R relay. Any help will be appreciated. Thanks.
>
>
> John N2XD
>
>

# 6324. Re: [T-368_BC-610] Setting Modulator Bias

Yahoo group: T-368_BC-610
Date: 2016-02-04 02:23:17 UTC
From: Don Allison
Topic: 6321  Message: 6324

Thanks Dennis ..the problem always starts when I unkey and when I go to key it up again there is nothing on the output. And that relay back by the 5R4's will be arcing away. I seen it do it when I had the radio out from the wall one time. So I just thought that relay was going bad. I'll check the gap and hope maybe that is the problem.

73 Don WC4D
On Feb 3, 2016 8:36 PM, "Dennis DuValll w7qho@... [T-368_BC-610]" <
T-368_BC-610@...m> wrote:

>
>
> Chris,
>
> Five (5) is where I have always used to set my “C” and now the “Basic” i’m
> using. Be sure to keep that meter switch clean though. Doesn’t take much
> crud there to start seeing uncertain readings.
>
> Presume you suspect K3 here, the CW/Phone relay. Kinda hard to get a look
> at what’s going on with that unit when the radio is buttoned up for
> operation though. Does the problem seem to occur on key-on, key-off or
> while you’re talking? I would check the spacing on the spark gap on
> secondary of the mod former first before swapping the relay. Gap should be
> set at 0.0625inch. Spacing on the relay contacts when open should be
> considerably more than that BTW.
>
> Dennis D. W7QHO
> Glendale, CA
>
> **********
>
> On Feb 3, 2016, at 2:17 PM, wc4don@... [T-368_BC-610] <
> T-368_BC-610@yahoogroups.com> wrote:
>
>
>
> I have a T368 C model .. with the switch set to X20 ..I would like to know
> where to set my mod bias on the meter .. I've been setting it at 5 that's
> the number 5 on the dial .. I keep having a relay arc over on the mod deck
> and it only does it after 30 or 40 mins on the air .. talking ... I have
> cleaned the contacts several times and that's not helping so I'm going to
> just replace the whole relay with one I bought in another deck .. but I'd
> still like to know about the mod bias ..
>
>
> Thanks and 73 Don WC4D

>
>
>
>

# 6325. Re: [T-368_BC-610] Setting Modulator Bias

Yahoo group: T-368_BC-610
Date: 2016-02-04 03:08:33 UTC
From: Dennis DuValll
Topic: 6321  Message: 6325

Hmm…. That relay only operates when the Service Selector switch is turned to “AM” or “FSK-AM,” otherwise it de-energizes and a pair of contacts close and short out the secondary of the mod xformer. A second pair of contacts apply a high bias voltage to the modulator grids to cut the tubes off. HV all over the unit when the transmitter is keyed, though, so arc-over through bad insulation, bent contacts, etc., etc. certainly possible. Would be interested in knowing what you find.

Blew the HV filter choke in my “Basic” a few months ago. Had a sub luckily but horsing the bad unit off the PS chassis was a major pain. :^(

Dennis

**********
> On Feb 3, 2016, at 6:23 PM, Don Allison wc4don@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:
>
> Thanks Dennis ..the problem always starts when I unkey and when I go to key it up again there is nothing on the output. And that relay back by the 5R4's will be arcing away. I seen it do it when I had the radio out from the wall one time. So I just thought that relay was going bad. I'll check the gap and hope maybe that is the problem.
>
>

# 6326. Re: [T-368_BC-610] T/R relay

Yahoo group: T-368_BC-610
Date: 2016-02-04 10:45:05 UTC
From: John Chmielewski
Topic: 6320  Message: 6326

The antenna change over relay.
John N2XD

On Wednesday, February 3, 2016 8:46 PM, "Dennis DuValll w7qho@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com> wrote:

Do you mean the Antenna Changeover Relay, Or, maybe the Plate relay down on the PS drawer?

Dennis D. W7QHO.
**********
On Feb 3, 2016, at 1:58 PM, John Chmielewski n2xd@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:

Hello to the group. I now have 2 T-368's a C and an F. I just picked up the C and it is missing the T/R relay. Any help will be appreciated. Thanks.

John N2XD

# 6327. Re: [T-368_BC-610] Setting Modulator Bias

Yahoo group: T-368_BC-610
Date: 2016-02-04 18:35:37 UTC
From: Glen Galati
Topic: 6321  Message: 6327

I know longer have my T-368 nor the manuals.Can you for the PN and other specs on the relay or a picture would be better.  I have an I-Phone 253-405-1419.  Also, a schmatic diagram of that ckt.  I works on ours in SAC and worked on many in Germany when we had about 8 SETS sent to us and we selected 3 for rebuild. We were placing these in service for the GATEWAY Teletype Net at Rhein Main AB, JUL 68-DEC 72.hOPE TO HEAR FROM YOU.73, Glen Galati, KA7BOJ, DL4GG, HL9WA, Ex WB0AXKELECTRONIC DIMENSIONS424 Puyallup Ave.Tacoma, WA.m 98421-1317Tel 253-272-1061
ps. I'll see if I can find the manual on BAMA

On Wednesday, February 3, 2016 7:09 PM, "Dennis DuValll w7qho@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com> wrote:

  Hmm….  That relay only operates when the Service Selector switch is turned to “AM” or “FSK-AM,”  otherwise it de-energizes and a pair of contacts close and short out the secondary of the mod xformer.  A second pair of contacts apply a high bias voltage  to the modulator grids to cut the tubes off.  HV all over the unit when the transmitter is keyed, though, so arc-over through bad insulation, bent contacts, etc., etc. certainly possible.  Would be interested in knowing what you find.
Blew the HV filter choke in my “Basic” a few months ago. Had a sub luckily but horsing the bad unit off the PS chassis was a major pain.   :^(
Dennis
**********

On Feb 3, 2016, at 6:23 PM, Don Allison wc4don@gmail.com [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:
Thanks Dennis ..the problem always starts when I unkey and when I go to key it up again there is nothing on the output. And that relay back by the 5R4's will be arcing away. I seen it do it when I had the radio out from the wall one time. So I just thought that relay was going bad. I'll check the gap and hope maybe that is the problem.

# 6328. Re: [T-368_BC-610] Setting Modulator Bias

Yahoo group: T-368_BC-610
Date: 2016-02-07 10:26:29 UTC
From: Mark J. Blair
Topic: 6321  Message: 6328

> On Feb 3, 2016, at 17:36, Dennis DuValll w7qho@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:
>
> Five (5) is where I have always used to set my “C” and now the “Basic” i’m using. Be sure to keep that meter switch clean though. Doesn’t take much crud there to start seeing uncertain readings.

I set mine at 2.5, based on the operator manual indicating that bias should be 50mA. What are the effects of setting it at 100mA instead?

--
Mark J. Blair, NF6X <nf6x@... <mailto:nf6x@...>>
http://www.nf6x.net/ <http://www.nf6x.net/>

# 6329. Re: [T-368_BC-610] Setting Modulator Bias

Yahoo group: T-368_BC-610
Date: 2016-02-07 18:52:58 UTC
From: Don Allison
Topic: 6321  Message: 6329

There is tons of info for the T 368 on the internet .. it would be easier then me to send you a picture of a print then to see it on the internet .. I hope this helps I can send you the links if you need them .. the whole manual is out there that's where I got my first copy from ..

73 Don WC4D

On Thu, Feb 4, 2016 at 1:35 PM, Glen Galati eldim@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:

> 
> 
> I know longer have my T-368 nor the manuals.
> Can you for the PN and other specs on the relay or a picture would be
> better. I have an I-Phone 253-405-1419. Also, a schmatic diagram of
> that ckt. I works on ours in SAC and worked on many in Germany when we had
> about 8 SETS sent to us and we selected 3 for rebuild. We were placing
> these in service for the GATEWAY Teletype Net at Rhein Main AB, JUL 68-DEC
> 72.
> hOPE TO HEAR FROM YOU.
> 73, Glen Galati, KA7BOJ, DL4GG, HL9WA, Ex WB0AXK
> ELECTRONIC DIMENSIONS
> 424 Puyallup Ave.
> Tacoma, WA.m 98421-1317
> Tel 253-272-1061
> 
> ps. I'll see if I can find the manual on BAMA
> 
> 
> 
> On Wednesday, February 3, 2016 7:09 PM, "Dennis DuValll w7qho@...
> [T-368_BC-610]" <T-368_BC-610@yahoogroups.com> wrote:
> 
> 
> 
> 
> Hmm…. That relay only operates when the Service Selector switch is turned
> to “AM” or “FSK-AM,” otherwise it de-energizes and a pair of contacts
> close and short out the secondary of the mod xformer. A second pair of
> contacts apply a high bias voltage to the modulator grids to cut the tubes
> off. HV all over the unit when the transmitter is keyed, though, so
> arc-over through bad insulation, bent contacts, etc., etc. certainly
> possible. Would be interested in knowing what you find.
> 
> Blew the HV filter choke in my “Basic” a few months ago. Had a sub luckily
> but horsing the bad unit off the PS chassis was a major pain. :^(
> 

> Dennis
>
> ***************
>
> On Feb 3, 2016, at 6:23 PM, Don Allison wc4don@... [T-368_BC-610] <
> T-368_BC-610@yahoogroups.com> wrote:
>
> Thanks Dennis ..the problem always starts when I unkey and when I go to
> key it up again there is nothing on the output. And that relay back by the
> 5R4's will be arcing away. I seen it do it when I had the radio out from
> the wall one time. So I just thought that relay was going bad. I'll check
> the gap and hope maybe that is the problem.
>
>
>
>
>
>

# 6330. Re: [T-368_BC-610] Setting Modulator Bias

Yahoo group: T-368_BC-610
Date: 2016-02-07 19:48:31 UTC
From: Dennis DuValll
Topic: 6321  Message: 6330

> On Feb 7, 2016, at 2:26 AM, 'Mark J. Blair' nf6x@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote :
>
> I set mine at 2.5, based on the operator manual indicating that bias should be 50mA. What are the effects of setting it at 100mA instead?

Hmmm…. Good question!

Meter set at 5 gives 100 ma total or 50 ma per tube resting current which works out to 125 watts dissipation per tube when you're not talking. This is right at the 4-125's max rating. That's kinda high but apparently not fatal as I've been running mine for many years that way. Now, the only info I can find in my library re the proper setting is a reference to "paras 18 and 20, TM 11-809-10" which I do not have. Mark, is that where you got the "2.5" figure? Anyway, I'm going to go down to the shack and make some checks. Suspect one might have to set the mike gain higher at "2.5" vs "5.0" but will report back.

Later…

OK, very interesting. The modulated RF waveforms as seen on scope definitely look "fuller" at "5" than they do at "2.5" even if one talks closer to the mike at the latter setting. Mark, you may remember that I have mentioned in the past that your audio seemed "thin" compared to your always excellent signal level? Maybe something relevant here. Anyway, I'm going to run my T-368 at "4" for a while (100W diss. per tube) and see what kind of reports result.

Dennis D. W7QHO
Glendale, CA

**********
>
>
> --
> Mark J. Blair, NF6X <nf6x@... <mailto:nf6x@...>>
> http://www.nf6x.net/ <http://www.nf6x.net/>
>
>

# 6331. Re: [T-368_BC-610] Setting Modulator Bias

Yahoo group: T-368_BC-610
Date: 2016-02-07 20:34:08 UTC
From: wa5cab@...
Topic: 6321  Message: 6331

Actually...

TM 11-809-10 (incl. C1 through C5) says in Paragraphs 17-b-2 and 17-b-3:

2. Turn the EXCITATION METER SWITCH to the MOD PLATE X 20 position.

3. Adjust the MODULATION BIAS control until a reading of 60 ma is obtained
on the EXCITATION meter.

Which I assume would be a reading of 3 or 3.0 on the meter (I have never
owned or operated a T-368).

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

In a message dated 02/07/2016 13:48:37 PM Central Standard Time,
T-368_BC-610@yahoogroups.com writes:
> >> On Feb 7, 2016, at 2:26 AM, 'Mark J. Blair' nf6x@...
>> [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote :
>>
>>
>> I set mine at 2.5, based on the operator manual indicating that bias
>> should be 50mA. What are the effects of setting it at 100mA instead?
>>
> Hmmm…. Good question!
>
>
> Meter set at 5 gives 100 ma total or 50 ma per tube resting current which
> works out to 125 watts dissipation per tube when you’re not talking.
> This is right at the 4-125’s max rating. That’s kinda high but apparently
> not fatal as I’ve been running mine for many years that way. Now, the only
> info I can find in my library re the proper setting is a reference to “
> paras 18 and 20, TM 11-809-10” which I do not have. Mark, is that where you
> got the “2.5" figure? Anyway, I’m going to go down to the shack and make
> some checks. Suspect one might have to set the mike gain higher at “2.5” vs
> “5.0” but will report back.
>
> Later…
>
> OK, very interesting. The modulated RF waveforms as seen on scope
> definitely look “fuller” at “5” than they do at “2.5” even if one talks closer
> to the mike at the latter setting. Mark, you may remember that I have
> mentioned in the past that your audio seemed “thin" compared to your always
> excellent signal level? Maybe something relevant here. Anyway, I’m going
> to run my T-368 at “4” for a while (100W diss. per tube) and see what kind

> of reports result.
>
> Dennis D. W7QHO
> Glendale, CA
> **********
> >> --
>> Mark J. Blair, NF6X <nf6x@...>
>> http://www.nf6x.net/
>>

# 6332. Re: [T-368_BC-610] Setting Modulator Bias

Yahoo group: T-368_BC-610
Date: 2016-02-07 20:38:20 UTC
From: Mark J. Blair
Topic: 6321  Message: 6332

> On Feb 7, 2016, at 11:48, Dennis DuValll w7qho@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:
>
> Now, the only info I can find in my library re the proper setting is a reference to “paras 18 and 20, TM 11-809-10” which I do not have. Mark, is that where you got the “2.5" figure? Anyway, I’m going to go down to the shack and make some checks. Suspect one might have to set the mike gain higher at “2.5” vs “5.0” but will report back.

I have a PDF of TM 11-809-10, dated May 1958, with changes 1 through 5.

Paragraph 17-b-3 states: "Adjust the MODULATOR BIAS control until a reading of 60 ma is obtained on the EXCITATION meter." Note that OCR errors are present; e.g. 17-b is titled "ATM Tuning Procedure".

The operational checklist in chapter 3 states "Approximately 50-ma reading on EXCITATION meter." as the normal reading, however.

I thought that I had recently read a different version of the TM which specified 50mA in the operating instructions. I'm having trouble finding it at the moment. Ah, there it is. It's also dated May 1958, but it's not the later OCR-ed reprint with changes 1-5. It calls for 50mA in paragraph 17-b-3, and the 60mA figure in the later scan is probably an OCR error. That's what I hate about the scans of older TMs from LOGSA: The things most likely to have OCR errors seem to be the most critical little details like current settings and torque specifications, and they are straight OCR text rather than searchable OCR text with the original bitmap image overlaid.

Ok, so I don't think I want to push the current all the way up to 100mA, but turning it up a bit from 50mA might help my audio. I won't do that until I have time to fix my problem of internal arcing on voice peaks, though. On the net last night, W6AQU suggested that I look at both the antenna changeover relay and the AM/CW relay as possible arcing sites. I'll do that, and I added some relay contact burnishing strips to my latest McMaster-Carr order.

--
Mark J. Blair, NF6X <nf6x@...>
http://www.nf6x.net/

# 6333. Re: [T-368_BC-610] Setting Modulator Bias

Yahoo group: T-368_BC-610
Date: 2016-02-07 21:20:10 UTC
From: wa5cab@...
Topic: 6321  Message: 6333

My copy of the LOGSA PDF has the same ATM error (instead of AM) but says 50 ma both places as well as in the Operational Check List.

However, 17-d says in part "FIL VOLTAGE meter should read 6 to 6.2 volts.". Which is an error.

If anyone wants a TIF or PDF of the corrected Page 29, send me you email address.

In a message dated 02/07/2016 14:38:28 PM Central Standard Time, T-368_BC-610@yahoogroups.com writes:

> I have a PDF of TM 11-809-10, dated May 1958, with changes 1 through 5.
>
> Paragraph 17-b-3 states: "Adjust the MODULATOR BIAS control until a reading of 60 ma is obtained on the EXCITATION meter." Note that OCR errors are present; e.g. 17-b is titled "ATM Tuning Procedure".
>
> The operational checklist in chapter 3 states "Approximately 50-ma reading on EXCITATION meter." as the normal reading, however.
>
> I thought that I had recently read a different version of the TM which specified 50mA in the operating instructions. I'm having trouble finding it at the moment. Ah, there it is. It's also dated May 1958, but it's not the later OCR-ed reprint with changes 1-5. It calls for 50mA in paragraph 17-b-3, and the 60mA figure in the later scan is probably an OCR error. That's what I hate about the scans of older TMs from LOGSA: The things most likely to have OCR errors seem to be the most critical little details like current settings and torque specifications, and they are straight OCR text rather than searchable OCR text with the original bitmap image overlaid.
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

# 6334. Re: [T-368_BC-610] Setting Modulator Bias

Yahoo group: T-368_BC-610
Date: 2016-02-08 05:09:13 UTC
From: Dennis DuValll
Topic: 6321  Message: 6334

Mark,

Went out this evening and hooked an audio oscillator up to the T-368 and adjusted the output level to get 100% modulation with the modulator resting current at “5” on the meter. I then reset the resting current
to 2.5 on the meter and found that with the same audio input level as before the modulation dropped to about 85 - 90%. Don’t think the difference would be noticeable on the air, though. Would conclude from this that the modulator resting current setting is NOT critical audio-wise but a setting higher than 5 would likely shorten the life of the 4-125s. Plan to run my T-3 at “4” or less from now on.

Dennis

**********

# 6335. Re: [T-368_BC-610] Setting Modulator Bias

Yahoo group: T-368_BC-610
Date: 2016-02-08 18:02:45 UTC
From: Rodger Hough
Topic: 6321  Message: 6335

Dennis:

On my TRW F Series T-368, I kept the resting current at the book value of 50ma (2.5 on the meter). I then used an audio osc and THD meter and worked for minimum distortion at 50 percent modulation (easy scope value); then I left the front audio pot there and adjusted my modified D-104 to provide the correct level to take it to 100 percent. My auto deck contained the well published audio mods and the RF deck had received the mods also. No problem getting plenty of modulation, a great sounding signal was had by all. Save the tubes, you should be able to get full modulation with lower resting currents.

Rodger K1HH

On Feb 8, 2016, at 12:09 AM, Dennis DuValll w7qho@... [T-368_BC-610] wrote:

> Mark,
>
> Went out this evening and hooked an audio oscillator up to the T-368 and adjusted the output level to get 100% modulation with the modulator resting current at “5” on the meter. I then reset the resting current
> to 2.5 on the meter and found that with the same audio input level as before the modulation dropped to about 85 - 90%. Don’t think the difference would be noticeable on the air, though. Would conclude from this that the modulator resting current setting is NOT critical audio-wise but a setting higher than 5 would likely shorten the life of the 4-125s. Plan to run my T-3 at “4” or less from now on.
>
> Dennis
>
> **********
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>

# 6336. Re: [T-368_BC-610] Setting Modulator Bias

Yahoo group: T-368_BC-610
Date: 2016-02-08 18:11:46 UTC
From: Mark Donaldson
Topic: 6321  Message: 6336

Roger,

Wonder what you used to demodulate the audio before you fed it into the THD meter, I want to do something similar.

Mark WA1QHQ

---
On Mon, 2/8/16, Rodger Hough k1hh@naples.net [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:

Subject: Re: [T-368_BC-610] Setting Modulator Bias
To: T-368_BC-610@yahoogroups.com
Date: Monday, February 8, 2016, 1:02 PM

Dennis:
On my
TRW F Series T-368, I kept the resting current at the book value of 50ma (2.5 on the meter). I then used an audio osc and THD meter and worked for minimum distortion at 50 percent modulation (easy scope value); then I left the front audio pot there and adjusted my modified D-104 to provide the correct level to take it to 100 percent. My auto deck contained the well published audio mods and the RF deck had received the mods also. No problem getting plenty of modulation, a great sounding signal was had by all. Save the tubes, you should be able to get full modulation with lower resting currents.
Rodger K1HH

On Feb 8, 2016, at 12:09 AM, Dennis
DuValll w7qho@...
[T-368_BC-610] wrote:

Mark,

Went out this evening and hooked an audio oscillator up to the T-368 and adjusted the output level to get 100% modulation with the modulator resting current at “5” on the meter. I then reset the resting current

to 2.5 on the meter and found that with the same audio input level as before the modulation dropped to about 85 - 90%. Don’t think the difference would be noticeable on the air, though. Would conclude from this that the modulator resting current setting is NOT critical audio-wise but a setting higher than 5 would likely shorten the life of the 4-125s.

Plan to run my T-3 at “4” or less from now on.

Dennis

**********

# 6337. Re: [T-368_BC-610] Setting Modulator Bias

Yahoo group: T-368_BC-610
Date: 2016-02-08 18:28:27 UTC
From: Rodger Hough
Topic: 6321  Message: 6337

Mark:

I actually had a self powered 6H6 as a linear diode in a mini-box that had been built to use during "proof of performance" reports required by the FCC for broadcasters way back when. I used a small coil of wire at the end of a short piece of coax that lead out from near the tank coil. You can build a small linear detector with an RF choke and a 1N34 today. There are several schematics over on AMFONE.net. A lot of the old Broadcast Transmitters included the pickup coil and a coax jack for running to an AM modulation meter which provided the linear diode detector; early ones had 6H6; later ones may have had 6AL5s.

Rodger K1HH

On Feb 8, 2016, at 1:11 PM, Mark Donaldson wa1qhq@... [T-368_BC-610] wrote:

> Roger,
>
> Wonder what you used to demodulate the audio before you fed it into the THD meter, I want to do something similar.
>
> Mark WA1QHQ
>
> ---
> On Mon, 2/8/16, Rodger Hough k1hh@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:
>
> Subject: Re: [T-368_BC-610] Setting Modulator Bias
> To: T-368_BC-610@yahoogroups.com
> Date: Monday, February 8, 2016, 1:02 PM
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> Dennis:
> On my
> TRW F Series T-368, I kept the resting current at the book
> value of 50ma (2.5 on the meter). I then used an audio osc
> and THD meter and worked for minimum distortion at 50

> percent modulation (easy scope value); then I left the front
> audio pot there and adjusted my modified D-104 to provide
> the correct level to take it to 100 percent. My auto deck
> contained the well published audio mods and the RF deck had
> received the mods also. No problem getting plenty of
> modulation, a great sounding signal was had by all. Save the
> tubes, you should be able to get full modulation with lower
> resting currents.
> Rodger K1HH
>
> On Feb 8, 2016, at 12:09 AM, Dennis
> DuValll w7qho@...
> [T-368_BC-610] wrote:
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> Mark,
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>
> Went out this evening and hooked an audio oscillator up to
> the T-368 and adjusted the output level to get 100%
> modulation with the modulator resting current at “5” on
> the meter. I then reset the resting current
>
> to 2.5 on the meter and found that with the same audio input
> level as before the modulation dropped to about 85 - 90%.
> Don’t think the difference would be noticeable on the air,
> though. Would conclude from this that the modulator resting
> current setting is NOT critical audio-wise but a setting
> higher than 5 would likely shorten the life of the 4-125s.
> Plan to run my T-3 at “4” or less from now on.
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> Dennis
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# 6338. Re: [T-368_BC-610] Setting Modulator Bias

Yahoo group: T-368_BC-610
Date: 2016-02-08 19:09:49 UTC
From: Dennis DuValll
Topic: 6321  Message: 6338

No trouble here achieving full modulation at any resting current setting, 2.5 - 5.0…..

Dennis D. W7QHO
Glendale, CA

**********
> On Feb 8, 2016, at 10:02 AM, Rodger Hough k1hh@... [T-368_BC-610]
<T-368_BC-610@yahoogroups.com> wrote:
>
> Dennis:
>
>
> On my TRW F Series T-368, I kept the resting current at the book value of 50ma (2.5 on the meter). I then used an audio osc and THD meter and worked for minimum distortion at 50 percent modulation (easy scope value); then I left the front audio pot there and adjusted my modified D-104 to provide the correct level to take it to 100 percent. My auto deck contained the well published audio mods and the RF deck had received the mods also. No problem getting plenty of modulation, a great sounding signal was had by all. Save the tubes, you should be able to get full modulation with lower resting currents.
>
> Rodger K1HH
>
>
> On Feb 8, 2016, at 12:09 AM, Dennis DuValll w7qho@... <mailto:w7qho@...> [T-368_BC-610] wrote:
>
>>
>> Mark,
>>
>> Went out this evening and hooked an audio oscillator up to the T-368 and adjusted the output level to get 100% modulation with the modulator resting current at “5” on the meter. I then reset the resting current
>> to 2.5 on the meter and found that with the same audio input level as before the modulation dropped to about 85 - 90%. Don’t think the difference would be noticeable on the air, though. Would conclude from this that the modulator resting current setting is NOT critical audio-wise but a setting higher than 5 would likely shorten the life of the 4-125s. Plan to run my T-3 at “4” or less from now on.
>>
>> Dennis
>>
>> **********
>>
>>
>
>

>

# 6339. Carbon mic bias power supply current?

Yahoo group: T-368_BC-610
Date: 2016-02-08 20:25:01 UTC
From: Chris Farley
Topic: 6339  Message: 6339

Getting back to the T-368 control box project, and desire to utilize a small switching relay or two for receiver muting and some other things.  (T-368 provides a NO contact, whereas the receiver I'm using requires a NC contact).  I had the idea of possibly using the existing 12V carbon mic bias power supply to power these small relays, instead of utilizing 115V from the plate relay control, or bringing in external power from a wall wart.

Before I tap into the bias supply and use a resistor decade box or pot to load it down to figure out it's current capability, has anybody already played around and knows how much current it can supply?  There is a 200 ohm series resistor, which I suspect could be bypassed if absolutely necessary.  It's a rather odd little circuit, but filtered very well which is a plus.

Regards,
Chris kc9ieq

# 6340. BC-610 resistor

Yahoo group: T-368_BC-610
Date: 2016-02-09 02:31:57 UTC
From: ironshaper62@...
Topic: 6340  Message: 6340

Can anyone tell me where to get or to make a replacement resistor for my bc610-E, R19 16ohm, screws into a light bulb socket. What is its purpose? I am restoring this unit and the R19 is missing

Bucky

# 6341. Re: [T-368_BC-610] BC-610 resistor

Yahoo group: T-368_BC-610
Date: 2016-02-09 07:03:06 UTC
From: wa5cab@...
Topic: 6340  Message: 6341

Bucky,

It's a heating element, actually. Used to be made by Eagle. I used to have a couple if I can find them. Someone probably still makes them. You might try an Ace Hardware run or owned by someone over 50.

It's purpose is that the TUNE-OPERATE switch on the transmitter, when thrown to TUNE, puts the resistor in series with the primary of the HV transformer on BC-610-E and earlier models. Reduces HV during tune. In the BC-610-F and later, the plate transformer has two 110 VAC primary windings. They are operated in parallel for OPERATE and in series for TUNE to accomplish the same function.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

In a message dated 02/08/2016 20:32:00 PM Central Standard Time,
T-368_BC-610@yahoogroups.com writes:
>
>
> Can anyone tell me where to get or to make a replacement resistor for my
> bc610-E, R19 16ohm, screws into a light bulb socket. What is its purpose? I
> am restoring this unit and the R19 is missing
>
> Bucky
>
>

# 6342. Re: BC-610 resistor

Yahoo group: T-368_BC-610
Date: 2016-02-09 22:14:15 UTC
From: Gregory Cotton
Topic: 6340  Message: 6342

That screw in heater/resistor is a 600 watt heating element if I remember correctly which would make it about 5 ohms.

# 6343. Re: [T-368_BC-610] Re: BC-610 resistor

Yahoo group: T-368_BC-610
Date: 2016-02-10 11:01:56 UTC
From: Walter Van alstine
Topic: 6340  Message: 6343

Yes,I have found one on eBay. A cone heater element. I looked at the schematics and all it is doing is dropping the input voltage to the high voltage transformer for the tune mode. (Learn something new every day!)I am removing the rf deck now to work on the underside of the oscillation boxes. That's a job just removing all the 1/4 inch bolts that hold it on. I am changing that AC input socket from a two prong to a three prong with ground. I have been bit by to many rigs cause they weren't grounded properly. I guess that I can adjust the resistance of the cone resistor if it was not the correct value.  I need 16 ohms.

Bucky WB3GDASavage, Md
http://www.youtube.com/user/TheIronshaper

On Tuesday, February 9, 2016 5:14 PM, "Gregory Cotton gregc02@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com> wrote:

  That screw in heater/resistor is a 600 watt heating element if I remember correctly which would make it about 5 ohms.

# 6344. RCA AR88D

Yahoo group: T-368_BC-610
Date: 2016-02-14 00:53:01 UTC
From: radiokid@...
Topic: 6344  Message: 6344

Hello, who can give a hint for wiring a s-meter for this receiver,it seems that the meter was added later.
73 Peter DK6KT

# 6345. AR88

Yahoo group: T-368_BC-610
Date: 2016-02-14 09:38:06 UTC
From: Alan Morriss
Topic: 6345  Message: 6345

hello , my D model had a substitute meter fitted. it was not much good. i managed to get an original one when the "asphidistra" radio station closed down. this gives db over 1 microvolt. the one which was in had an extra potentiometer for setting fitted. as far as i remember it is across the AGC line. you have to have the RF gain full for it to read correctly. you can download the manual from the VMARS website i should think. i will see if i can find any more info. alan G4GEN

# 6346. Re: AR88

Yahoo group: T-368_BC-610
Date: 2016-02-14 20:40:42 UTC
From: radiokid@...
Topic: 6345  Message: 6346

Thank you Alan,I have finished this sunday the work on the AR88D,I have chosen a S-meter cicuitry from a 75S Collins receiver,it seems to be the simplest way to have some S-meter readings.at the moment uncalibrated,its a nice sensitive receiver shall be a contemporary companion for the BC610.
73s Peter DK6KT

# 6347. Re: AR88

Yahoo group: T-368_BC-610
Date: 2016-02-14 22:28:50 UTC
From: Roger@...
Topic: 6345  Message: 6347

Hi Peter,

As Alan has mentioned, the VMARS manuals site has quite a lot of info on the AR-88. Try looking through their list on:-

http://www.vmarsmanuals.co.uk/archive/files_index.htm
http://www.vmarsmanuals.co.uk/archive/files_index.htm

Searching there on "AR88" gave me 32 hits, downloads are free.

73

Roger/G3VKM

# 6348. BC-610-E Heater Element

Yahoo group: T-368_BC-610
Date: 2016-02-27 23:58:02 UTC
From: wa5cab@...
Topic: 6348  Message: 6348

There was a thread here some time ago about the screw-in resistor element used in BC-610-E to drop primary voltage on the plate transformer for TUNE. I quite by accident came across the one that I knew I had. It is an Eagle 615.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

# 6349. BC-610-E Heater Element Correction

Yahoo group: T-368_BC-610
Date: 2016-02-28 17:44:38 UTC
From: wa5cab@...
Topic: 6349  Message: 6349

Correction - That should read Eagle 415. I have also turned up a heating element with the same cold resistance but the ceramic form that it is wound on is cylindrical instead of conical. It is marked 415-A. Google turned up a few hits and a bunch of photos showing both conical and cylindrical.

**********
There was a thread here some time ago about the screw-in resistor element used in BC-610-E to drop primary voltage on the plate transformer for TUNE. I quite by accident came across the one that I knew I had. It is an Eagle 615.
**********

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

# 6350. Wire Identification

Yahoo group: T-368_BC-610
Date: 2016-03-05 21:15:08 UTC
From: ironshaper62@...
Topic: 6350  Message: 6350

Can anyone help me to identify where the two wires shown in my album(WB3GDA) photos go to? On a BC-610-E. One is connected to ground so what it goes to needs to be grounded. I cannot seem to trace them out and dont want to cut the harnes apart to trace them out. Also does anyone have a source for the switches that control the filament power, plate power, exciter and HV protect? One of the switches on mine is damaged.

Thanks
Bucky
WB3GDA

# 6351. Re: [T-368_BC-610] Wire Identification

Yahoo group: T-368_BC-610
Date: 2016-03-06 20:27:04 UTC
From: wa5cab@...
Topic: 6350  Message: 6351

Bucky,

What is the TB or TS number of the terminal board or terminal strip visible
in the upper left corner of your two duplicate photos that show your
fingers?

How did you determine that one of the two wires is grounded?

In a message dated 03/05/2016 15:15:10 PM Central Standard Time,
T-368_BC-610@yahoogroups.com writes:
> an anyone help me to identify where the two wires shown in my
> album(WB3GDA) photos go to? On a BC-610-E. One is connected to ground so what it goes
> to needs to be grounded. I cannot seem to trace them out and dont want to
> cut the harnes apart to trace them out. Also does anyone have a source for
> the switches that control the filament power, plate power, exciter and HV
> protect? One of the switches on mine is damaged.
>
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> Thanks
>
> Bucky
>
> WB3GDA
>
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> Posted by: ironshaper62@...
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

# 6352. Re: [T-368_BC-610] Wire Identification

Yahoo group: T-368_BC-610
Date: 2016-03-07 00:59:02 UTC
From: Walter Van alstine
Topic: 6350  Message: 6352

Robert,
 The terminal strip to the upper left is TS1 and TS2. Some one prior to me had marked the two wires to go on TS1 terminals 1 and 3 but they look very much out of place there. Different size terminals on the wires and different color sleeves on them. I started to trace them out and found that one of them is at chassis ground. They do match the wires on RY3 and will reach there. It is very difficult to trace the wires in the wire harness without cutting the bundling string. And I don't want to do that. Hope this helps. I can make a short video if that would help?
Also I put the resistor R19 in place that you sent.
Bucky
Savage, Md
http://www.youtube.com/user/TheIronshaper

On Sunday, March 6, 2016 3:27 PM, "wa5cab@... [T-368_BC-610]"
<T-368_BC-610@yahoogroups.com> wrote:

  Bucky,

What is the TB or TS number of the terminal board or terminal strip visible in the upper left corner of your two duplicate photos that show your fingers?

How did you determine that one of the two wires is grounded?

In a message dated 03/05/2016 15:15:10 PM Central Standard Time,
T-368_BC-610@yahoogroups.com writes:

an anyone help me to identify where the two wires shown in my album(WB3GDA) photos go to? On a BC-610-E. One is connected to ground so what it goes to needs to be grounded. I cannot seem to trace them out and dont want to cut the harnes apart to trace them out. Also does anyone have a source for the switches that control the filament power, plate power, exciter and HV protect? One of the switches on mine is damaged.

Thanks

Bucky

WB3GDA

Posted by: ironshaper62@yahoo.com

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

# 6353. Re: [T-368_BC-610] Wire Identification

Yahoo group: T-368_BC-610
Date: 2016-03-07 02:08:35 UTC
From: Walter Van alstine
Topic: 6350  Message: 6353

Robert,

I found them on a panel diagram from the manual. But have not yet found where they go to. Attached is a picture of them.

Bucky
Savage, Md

http://www.youtube.com/user/TheIronshaper

---
On Sun, 3/6/16, Walter Van alstine ironshaper62@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:

Subject: Re: [T-368_BC-610] Wire Identification
To: "T-368_BC-610@yahoogroups.com" <T-368_BC-610@yahoogroups.com>
Date: Sunday, March 6, 2016, 7:59 PM

Robert,
 The terminal
strip to the upper left is TS1 and TS2. Some one prior to me
had marked the two wires to go on TS1
terminals 1 and 3 but they look very much out of place
there. Different size terminals on the wires and different
color sleeves on them. I started to trace them out and found
that one of them is at chassis ground. They do match the
wires on RY3 and will reach there. It is very difficult to
trace the wires in the wire harness without cutting the
bundling string. And I don't want to do that. Hope this
helps. I can make a short video if that would
help?
Also I put
the resistor R19 in place that you sent.
Bucky
Savage,
Md
http://www.youtube.com/user/TheIronshaper

On Sunday, March 6,
2016 3:27 PM, "wa5cab@cs.com [T-368_BC-610]"
<T-368_BC-610@yahoogroups.com> wrote:

Bucky,

What is the TB or TS number of the terminal board or
terminal strip visible in the upper left corner of your two
duplicate photos that show your fingers?

How did you determine that one of the two wires is grounded?

In a message dated 03/05/2016 15:15:10 PM Central Standard Time, T-368_BC-610@yahoogroups.com writes:

an anyone help me to identify where the two wires shown in my album(WB3GDA) photos go to? On a BC-610-E. One is connected to ground so what it goes to needs to be grounded. I cannot seem to trace them out and dont want to cut the harnes apart to trace them out. Also does anyone have a source for the switches that control the filament power, plate power, exciter and HV protect? One of the switches on mine is damaged.

Thanks

Bucky

WB3GDA

Posted by: ironshaper62@...

Robert & Susan Downs - Houston

wa5cab dot com (Web Store)

MVPA 9480

# 6354. Re: [T-368_BC-610] Wire Identification

Yahoo group: T-368_BC-610
Date: 2016-03-08 12:52:24 UTC
From: Walter Van alstine
Topic: 6350  Message: 6354

Well, I have traced out the wires in question. Using the schematics and the mechanical diagrams I have determined that the 2 wire do in fact  attach onto TS1 terminals 1 and 3. They are part of the exciter circuit. Many hours and lots of eye strain reading the manual but I think this is correct. So now the issue is no high voltage out put. Will be checking the primary voltage input tonight. All this in the repair and fun of old radios...
Bucky
Savage, Md
http://www.youtube.com/user/TheIronshaper

On Sunday, March 6, 2016 9:08 PM, "Walter Van alstine ironshaper62@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com> wrote:

  Robert,

I found them on a panel diagram from the manual. But have not yet found where they go to. Attached is a picture of them.

Bucky
Savage, Md

http://www.youtube.com/user/TheIronshaper

---
On Sun, 3/6/16, Walter Van alstine ironshaper62@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:

Subject: Re: [T-368_BC-610] Wire Identification
To: "T-368_BC-610@yahoogroups.com" <T-368_BC-610@yahoogroups.com>
Date: Sunday, March 6, 2016, 7:59 PM

Robert,
 The terminal
strip to the upper left is TS1 and TS2. Some one prior to me
had marked the two wires to go on TS1
terminals 1 and 3 but they look very much out of place
there. Different size terminals on the wires and different
color sleeves on them. I started to trace them out and found
that one of them is at chassis ground. They do match the
wires on RY3 and will reach there. It is very difficult to
trace the wires in the wire harness without cutting the
bundling string. And I don't want to do that. Hope this
helps. I can make a short video if that would
help?
Also I put
the resistor R19 in place that you sent.
Bucky
Savage,

Md
http://www.youtube.com/user/TheIronshaper

On Sunday, March 6,
2016 3:27 PM, "wa5cab@... [T-368_BC-610]"
<T-368_BC-610@yahoogroups.com> wrote:

Bucky,

What is the TB or TS number of the terminal board or
terminal strip visible in the upper left corner of your two
duplicate photos that show your fingers?

How did you determine that one of the two wires is
grounded?

In a message dated 03/05/2016 15:15:10 PM Central Standard
Time, T-368_BC-610@yahoogroups.com writes:

an anyone help me to identify where the two
wires shown in my album(WB3GDA) photos go to? On a BC-610-E.
One is connected to ground so what it goes to needs to be
grounded. I cannot seem to trace them out and dont want to
cut the harnes apart to trace them out. Also does anyone
have a source for the switches that control the filament
power, plate power, exciter and HV protect? One of the
switches on mine is damaged.

Thanks

Bucky

WB3GDA

Posted by: ironshaper62@...

Robert & Susan Downs - Houston

wa5cab dot com (Web Store)

MVPA 9480

# 6355. BC610

Yahoo group: T-368_BC-610
Date: 2016-03-08 13:15:36 UTC
From: Alan Morriss
Topic: 4221  Message: 6355

hello , check the continuity between the centre tap on the HV transformer and ground. it may be the relay . alan

# 6356. Groujp update

Yahoo group: T-368_BC-610
Date: 2016-03-08 16:02:53 UTC
From: Phillip Sellati
Topic: 6356  Message: 6356

I received an email today about updating this group, but it will not accept my email which I receive my group communications at. surplus@...

I have always been able to do this before.

What is my email of record and my password?

I just view the posts as I am interested in what is going on with these transmitters, but it has been a long time since I actually communicated with any of the posters. I have been on the list for years.

Sincerely

Phillip Sellati
Fair Radio Sales.

---
This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

# 6357. Re: [T-368_BC-610] Groujp update

Yahoo group: T-368_BC-610
Date: 2016-03-08 20:54:59 UTC
From: Joe Foley
Topic: 6356  Message: 6357

That's the E-mail address that is listed on the  site, I have no idea what your Yahoo password is though.
You would have to sign in with Yahoo to access your list information.  But you knew that.
You've been a  member since 2008!

Joe

On Tuesday, March 8, 2016 11:02 AM, "Phillip Sellati surplus@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com> wrote:

  I received an email today about updating this group, but it will not accept my email which I receive my group communications at.
surplus@...

I have always been able to do this before.

What is my email of record and my password?

I just view the posts as I am interested in what is going on with these transmitters, but it has been a long time since I actually communicated with any of the posters. I have been on the list for years.

Sincerely

Phillip Sellati
Fair Radio Sales.

---
This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

# 6358. BC-610m Tuning Units

Yahoo group: T-368_BC-610
Date: 2016-03-10 23:49:48 UTC
From: ironshaper62@...
Topic: 6358  Message: 6358

Well I have made head way with the high voltage on the BC-610-E. But ran into another issue. Are all the tuning units supposed to be the same? I have some that are wired different from one another and different from the tuning unit schematics in the manual. The Int. Amp. circuit is the one in question at this point. There should not be any connection on pin 9 , pin 10 is ground and pin 11 / 12 are the tuned LC circuit. This how the 610-E schematic shows how it should be. But some of the tuning units I have are wired with a connection on pin 9, pin 10 is ground, pin 11 attached to a coil that is terminated to ground and pin 12 to the variable capacitor.
Do the different models of the 610 use different tuning units?
Anyone have any knowledge of different tuning units?

Bucky

# 6359. Re: [T-368_BC-610] BC-610m Tuning Units

Yahoo group: T-368_BC-610
Date: 2016-03-11 00:44:40 UTC
From: wa5cab@...
Topic: 6358  Message: 6359

Bucky,

Aside from any minor differences because the tuning units cover different frequencies, they were all originally wired the same. Any tuning unit should work in any model all the way from the HT-4 through T-213/GRC-26. Any TU that does not match the schematic showing in the manuals has been hacked.

I'm sorry that I did not answer your question on where the wires went before you found the answer yourself. I couldn't find my copy of TM 11-826. And I decided to quickly scan TM 11-4057 (which I have been promising to do for years) before looking for the answer. The scanning job took about four times longer than I expected and when I checked email before sending you the answer, read your message saying you had figured it out.

In the process of scanning TM 11-4057, I discovered that it did not include the -E wiring diagram (only the schematic). I did correct that by scanning the ones in TM 11-281. So if any of the several of you who have asked me about the TM 11-4057 still want one, aside from not yet having had the commercial outfit print some of the wide foldouts, it's now ready to print and bind.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

In a message dated 03/10/2016 17:49:52 PM Central Standard Time,
T-368_BC-610@yahoogroups.com writes:
>
>
> Well I have made head way with the high voltage on the BC-610-E. But ran
> into another issue. Are all the tuning units supposed to be the same? I have
> some that are wired different from one another and different from the
> tuning unit schematics in the manual. The Int. Amp. circuit is the one in
> question at this point. There should not be any connection on pin 9 , pin 10 is
> ground and pin 11 / 12 are the tuned LC circuit. This how the 610-E
> schematic shows how it should be. But some of the tuning units I have are wired
> with a connection on pin 9, pin 10 is ground, pin 11 attached to a coil that
> is terminated to ground and pin 12 to the variable capacitor.
>
> Do the different models of the 610 use different tuning units?
>
> Anyone have any knowledge of different tuning units?
>
> Bucky
>
> Posted by: ironshaper62@...

>

# 6360. T-368 For Sale

Yahoo group: T-368_BC-610
Date: 2016-03-11 17:09:58 UTC
From: Gary Norman
Topic: 6356  Message: 6360

*T-368 Transmitter FOR SALE*

'C' version RF deck & cabinet

Basic version Power Supply & Modulator

Located in north central Connecticut. Local Pickup Only.

Kept in a dry de-humidified basement since 1990.

Good condition, but was last run about 20 years ago.

No oil leakage from any transformers or chokes.

Right side of cabinet and small portion of top painted with a lighter gray color – as received from Fair Radio. Very small overspray on front, otherwise rest of cabinet is original paint.Pictures on request.

Plate meter is missing its outside glass.

Modifications have been made (mostly to the modulator deck) to add a slow release relay circuit and revise the CW keying circuit.All have been clearly documented on wiring diagrams.

Operating Manual (original), Maintenance Manual (copy) & Hex wrench included.

Spare parts included –

Two (2) NIB 4-400 tubes

Six (6) NIB 4-125 tubes

Four (4) NIB 6000 tubes

VFO/exciter assembly (not complete)

Audio driver assembly

Modulation transformer

Final tank coil

Final tank bandswitch

LOCAL PICKUP ONLY.

Removal will require going up a flight of cellar stairs. Two people, preferably three, and a heavy duty appliance mover will be required.

Price: $1200 Cash on pickup or Paypal

# 6361. RE: [T-368_BC-610] T-368 For Sale

Yahoo group: T-368_BC-610
Date: 2016-03-11 17:17:24 UTC
From: Tom Mackie
Topic: 6356  Message: 6361

If a Rhode Island buyer is found, contact me and use my Dutro Brute 1866 monster vending machine hand truck to make the move an easy one.

Tom
W2ILA

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
Sent: Friday, March 11, 2016 12:10 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] T-368 For Sale

T-368 Transmitter FOR SALE
'C' version RF deck & cabinet
Basic version Power Supply & Modulator

Located in north central Connecticut. Local Pickup Only.
Kept in a dry de-humidified basement since 1990.

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Right side of cabinet and small portion of top painted with a lighter gray color – as received from Fair Radio. Very small overspray on front, otherwise rest of cabinet is original paint. Pictures on request.
Plate meter is missing its outside glass.
Modifications have been made (mostly to the modulator deck) to add a slow release relay circuit and revise the CW keying circuit. All have been clearly documented on wiring diagrams.

Operating Manual (original), Maintenance Manual (copy) & Hex wrench included.

Spare parts included –
Two (2) NIB 4-400 tubes
Six (6) NIB 4-125 tubes
Four (4) NIB 6000 tubes
VFO/exciter assembly (not complete)
Audio driver assembly
Modulation transformer
Final tank coil
Final tank bandswitch

LOCAL PICKUP ONLY.
Removal will require going up a flight of cellar stairs. Two people, preferably three, and a heavy duty appliance mover will be required.

Price: $1200 Cash on pickup or Paypal

# 6362. Re: [T-368_BC-610] T-368 For Sale

Yahoo group: T-368_BC-610
Date: 2016-03-11 17:24:27 UTC
From: Gary Norman
Topic: 6356  Message: 6362

Thanks for the offer Tom!

When I bought the T-368 in 1990, I got it all down the stairs myself
with a regular appliance mover. Everything went OK, but I vowed never again.

Gary, W1PG

On 3/11/2016 12:17 PM, Tom Mackie tom_mackie@... [T-368_BC-610]
wrote:
>
> If a Rhode Island buyer is found, contact me and use my Dutro Brute
> 1866 monster vending machine hand truck to make the move an easy one.
>
> Tom
>
> W2ILA
>
> *From:*T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
> *Sent:* Friday, March 11, 2016 12:10 PM
> *To:* T-368_BC-610@yahoogroups.com
> *Subject:* [T-368_BC-610] T-368 For Sale
>
> *T-368 Transmitter FOR SALE*
>
> 'C' version RF deck & cabinet
>
> Basic version Power Supply & Modulator
>
> Located in north central Connecticut. Local Pickup Only.
>
> Kept in a dry de-humidified basement since 1990.
>
> Good condition, but was last run about 20 years ago.
>
> No oil leakage from any transformers or chokes.
>
> Right side of cabinet and small portion of top painted with a lighter
> gray color – as received from Fair Radio. Very small overspray on
> front, otherwise rest of cabinet is original paint. Pictures on request.
>
> Plate meter is missing its outside glass.
>
> Modifications have been made (mostly to the modulator deck) to add a
> slow release relay circuit and revise the CW keying circuit. All have
> been clearly documented on wiring diagrams.
>

> Operating Manual (original), Maintenance Manual (copy) & Hex wrench
> included.
>
> Spare parts included –
>
> Two (2) NIB 4-400 tubes
>
> Six (6) NIB 4-125 tubes
>
> Four (4) NIB 6000 tubes
>
> VFO/exciter assembly (not complete)
>
> Audio driver assembly
>
> Modulation transformer
>
> Final tank coil
>
> Final tank bandswitch
>
> LOCAL PICKUP ONLY.
>
> Removal will require going up a flight of cellar stairs. Two people,
> preferably three, and a heavy duty appliance mover will be required.
>
> Price: $1200 Cash on pickup or Paypal
>
>

# 6363. RE: [T-368_BC-610] T-368 For Sale

Yahoo group: T-368_BC-610
Date: 2016-03-11 17:52:57 UTC
From: grasshopper
Topic: 6356  Message: 6363

Tom, if you get another one, maybe you can use it to kill that local noise source!!!

Steve, kd3ht

---

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
Sent: Friday, March 11, 2016 12:24 PM
To: T-368_BC-610@yahoogroups.com
Subject: Re: [T-368_BC-610] T-368 For Sale

Thanks for the offer Tom!

When I bought the T-368 in 1990, I got it all down the stairs myself with a regular appliance mover. Everything went OK, but I vowed never again.

Gary, W1PG

On 3/11/2016 12:17 PM, Tom Mackie tom_mackie@... [T-368_BC-610] wrote:

If a Rhode Island buyer is found, contact me and use my Dutro Brute 1866 monster vending machine hand truck to make the move an easy one.

Tom

W2ILA

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
Sent: Friday, March 11, 2016 12:10 PM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] T-368 For Sale

T-368 Transmitter FOR SALE

'C' version RF deck & cabinet

Basic version Power Supply & Modulator

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otherwise rest of cabinet is original paint. Pictures on request.

Plate meter is missing its outside glass.

Modifications have been made (mostly to the modulator deck) to add a slow release relay circuit and revise the CW keying circuit. All have been clearly documented on wiring diagrams.

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Spare parts included -

Two (2) NIB 4-400 tubes

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Four (4) NIB 6000 tubes

VFO/exciter assembly (not complete)

Audio driver assembly

Modulation transformer

Final tank coil

Final tank bandswitch

LOCAL PICKUP ONLY.

Removal will require going up a flight of cellar stairs. Two people, preferably three, and a heavy duty appliance mover will be required.

Price: $1200 Cash on pickup or Paypal

# 6364. RE: [T-368_BC-610] T-368 For Sale

Yahoo group: T-368_BC-610
Date: 2016-03-11 18:19:50 UTC
From: Tom Mackie
Topic: 1258  Message: 6364

T-368 EMP I like the idea. But a better idea is to hear another big signal in the Northeast from that T-368.

Tom

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
Sent: Friday, March 11, 2016 12:53 PM
To: T-368_BC-610@yahoogroups.com
Subject: RE: [T-368_BC-610] T-368 For Sale

Tom, if you get another one, maybe you can use it to kill that local noise source!!!

Steve, kd3ht

---
From: T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>
[mailto:T-368_BC-610@yahoogroups.com]
Sent: Friday, March 11, 2016 12:24 PM
To: T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>
Subject: Re: [T-368_BC-610] T-368 For Sale

Thanks for the offer Tom!

When I bought the T-368 in 1990, I got it all down the stairs myself with a regular appliance mover. Everything went OK, but I vowed never again.

Gary, W1PG
On 3/11/2016 12:17 PM, Tom Mackie tom_mackie@...<mailto:tom_mackie@...m> [T-368_BC-610] wrote:

If a Rhode Island buyer is found, contact me and use my Dutro Brute 1866 monster vending machine hand truck to make the move an easy one.

Tom
W2ILA

From: T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>
[mailto:T-368_BC-610@yahoogroups.com]
Sent: Friday, March 11, 2016 12:10 PM
To: T-368_BC-610@yahoogroups.com<mailto:T-368_BC-610@yahoogroups.com>
Subject: [T-368_BC-610] T-368 For Sale

T-368 Transmitter FOR SALE
'C' version RF deck & cabinet
Basic version Power Supply & Modulator

Located in north central Connecticut. Local Pickup Only.
Kept in a dry de-humidified basement since 1990.

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No oil leakage from any transformers or chokes.
Right side of cabinet and small portion of top painted with a lighter gray color - as received from Fair Radio. Very small overspray on front, otherwise rest of cabinet is original paint. Pictures on request.
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Spare parts included -
Two (2) NIB 4-400 tubes
Six (6) NIB 4-125 tubes
Four (4) NIB 6000 tubes
VFO/exciter assembly (not complete)
Audio driver assembly
Modulation transformer
Final tank coil
Final tank bandswitch

LOCAL PICKUP ONLY.
Removal will require going up a flight of cellar stairs. Two people, preferably three, and a heavy duty appliance mover will be required.

Price: $1200 Cash on pickup or Paypal

# 6365. T-368 Plate current Meter

Yahoo group: T-368_BC-610
Date: 2016-03-20 23:17:05 UTC
From: Dennis DuValll
Topic: 6365  Message: 6365

Was someone recently looking for a replacement PA current meter for a T-368? Have found a couple of 3”, 500ma dc units amongst my stiff that would work.

Dennis D. W7QHO
Glendale, CA

**********

# 6366. T368-F RF deck Schematic

Yahoo group: T-368_BC-610
Date: 2016-03-26 15:10:04 UTC
From: Mark Foltarz
Topic: 6366  Message: 6366

I don't know if this question has been solved, but I know for a while there didn't seem to be any documentation for the T368F available
Does anyone have or know of a source on the web for a schematic of the RF deck and vacuum relay circuit for a T368 F ?
TNX
de KA4JVY
Mark

# 6367. HT4H at 230 volt AC

Yahoo group: T-368_BC-610
Date: 2016-03-29 09:51:03 UTC
From: radiokid@...
Topic: 6367  Message: 6367

Hello, I have found that the high voltage transformer of the HT4H has 2 primary windings for 115Volts,
is there a description available to operate the HT4H solely on 230 Volts?eventually with only a relatively small step down transformer from 230V to 115 V?
73 Peter DK6KT

# 6368. Re: [T-368_BC-610] HT4H at 230 volt AC

Yahoo group: T-368_BC-610
Date: 2016-03-29 15:59:46 UTC
From: wa5cab@...
Topic: 6367  Message: 6368

Peter,

Probably not. At least Hallicrafters never did it with any BC-610 model. HT-4-H would be post-war. Does it have a smooth one-piece front panel or two-piece? In the original HT-4 and in the BC-610-A through -E, the HIGH VOLTAGE PROTECT switch on the front panel switched an Eagle screw-in heating element in series with the HV transformer primary when in PROTECT or ON. Beginning with BC-610-F in 1948, the HV transformer had two 120 volt primaries which were in parallel for OFF or NORMAL and in series for ON. None of the other transformers have dual primaries. Check the wiring from the HIGH VOLTAGE PROTECT switch and see whether it does this or not.

Also, look at any of the other transformers and see whether or not they have two primary windings or just one with a tap. If none of them have dual primaries, then there is no practical way other than with an external step-down transformer.to operate the transmitter on 230 VAC.

In a message dated 03/29/2016 04:51:04 AM Central Daylight Time, T-368_BC-610@yahoogroups.com writes:
> Hello, I have found that the high voltage transformer of the HT4H has 2
> primary windings for 115Volts,
> is there a description available to operate the HT4H solely on 230
> Volts?eventually with only a relatively small step down transformer from 230V to
> 115 V?
> 73 Peter DK6KT
>
>
> Posted by: radiokid@...
>

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

# 6369. Re: [T-368_BC-610] HT4H at 230 volt AC

Yahoo group: T-368_BC-610
Date: 2016-03-29 16:39:26 UTC
From: Dennis DuValll
Topic: 6367  Message: 6369

Early versions of the T-368 had plate transformers with dual primary windings but no other provisions were included to allow 230 volt operation.

Dennis D. W7QHO
Glendale, CA

**********

> On Mar 29, 2016, at 8:59 AM, wa5cab@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:
>
> Peter,
>
> Probably not. At least Hallicrafters never did it with any BC-610 model. HT-4-H would be post-war. Does it have a smooth one-piece front panel or two-piece? In the original HT-4 and in the BC-610-A through -E, the HIGH VOLTAGE PROTECT switch on the front panel switched an Eagle screw-in heating element in series with the HV transformer primary when in PROTECT or ON. Beginning with BC-610-F in 1948, the HV transformer had two 120 volt primaries which were in parallel for OFF or NORMAL and in series for ON. None of the other transformers have dual primaries. Check the wiring from the HIGH VOLTAGE PROTECT switch and see whether it does this or not.
>
> Also, look at any of the other transformers and see whether or not they have two primary windings or just one with a tap. If none of them have dual primaries, then there is no practical way other than with an external step-down transformer.to operate the transmitter on 230 VAC.
>
> In a message dated 03/29/2016 04:51:04 AM Central Daylight Time, T-368_BC-610@yahoogroups.com <mailto:T-368_BC-610@yahoogroups.com> writes:
>
>> Hello, I have found that the high voltage transformer of the HT4H has 2 primary windings for 115Volts,
>> is there a description available to operate the HT4H solely on 230 Volts?eventually with only a relatively small step down transformer from 230V to 115 V?
>> 73 Peter DK6KT
>>
>>
>> Posted by: radiokid@ymail.com <mailto:radiokid@...>
>
>
> Robert & Susan Downs - Houston
> wa5cab dot com (Web Store)
> MVPA 9480
>
>

# 6370. Re: [T-368_BC-610] HT4H at 230 volt AC

Yahoo group: T-368_BC-610
Date: 2016-03-29 19:02:08 UTC
From: radiokid@...
Topic: 6367  Message: 6370

Thank you Robert for the quick answer.
the HT4H has an even one piece surface apart the black wrinkle paint
I think its from 1952
the HV transformer has 6 primary connections and 3 secondary
primary 2x 141volts with tap 117volts
secondary is clear,5760 volts @ .321A and 4800 volts @ .475A
is that transformer oversized???
it looks like more than a 2 kilowatt transformer
the transformer of the E model is smaller
is the poor 250TH not overexerted with all that much power?
73s Peter

# 6371. Re: [T-368_BC-610] HT4H at 230 volt AC

Yahoo group: T-368_BC-610
Date: 2016-03-30 03:00:33 UTC
From: wa5cab@...
Topic: 6367  Message: 6371

No. Remember that the B-0610 and HT-4 is also a high level AM transmitter. For every 2 watts into the final, you need about 1 watt into the modulator. However, unless the HT-4-H was different, the high and low DC voltages are about 2500 and 2150.

In a message dated 03/29/2016 14:02:13 PM Central Daylight Time, T-368_BC-610@yahoogroups.com writes:

> Thank you Robert for the quick answer.
> the HT4H has an even one piece surface apart the black wrinkle paint
> I think its from 1952
> the HV transformer has 6 primary connections and 3 secondary
> primary 2x 141volts with tap 117volts
> secondary is clear,5760 volts @ .321A and 4800 volts @ .475A
> is that transformer oversized???
> it looks like more than a 2 kilowatt transformer
> the transformer of the E model is smaller
> is the poor 250TH not overexerted with all that much power?
> 73s Peter

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

# 6372. T3 Clipping Level

Yahoo group: T-368_BC-610
Date: 2016-04-01 00:09:33 UTC
From: K3PID
Topic: 6372  Message: 6372

Anyone have a procedure for setting the clipping level on the T3 stock speech amp? Since one can not adjust it when using it I thought there might be a rule of thumb method!

Ron K3PID

# 6373. [T-368_BC-610] T3 Clipping Level (more)

Yahoo group: T-368_BC-610
Date: 2016-04-01 23:47:48 UTC
From: K3PID
Topic: 6372  Message: 6373

OK, I found the small section in 11-809-35 that talks to the clipping setting. It looks like a trial-&-error cycle where you guess at a setting, button it up and run the “talking while turning the mike gain and monitoring the P A Plate current” test, then go back and adjust and do it again... is that right? Is there a better way?

Ron K3PID

# 6374. Re: [T-368_BC-610] T3 Clipping Level (more)

Yahoo group: T-368_BC-610
Date: 2016-04-02 02:57:57 UTC
From: Dennis DuValll
Topic: 6372  Message: 6374

On my T-368s i just back the clipping level way off in the minimum position and then using a scope set the front panel gain control to a point where I’m neither bumping into the base line nor flat-topping on voice peaks too often. I.e., just like running a voice rig without a clipper.

Dennis D. W7QHO
Glendale, CA

**********

> On Apr 1, 2016, at 4:47 PM, 'K3PID' ron.k3pid@... [T-368_BC-610]
<T-368_BC-610@yahoogroups.com> wrote:
>
>
> OK, I found the small section in 11-809-35 that talks to the clipping setting. It looks like a trial-&-error cycle where you guess at a setting, button it up and run the “talking while turning the mike gain and monitoring the P A Plate current” test, then go back and adjust and do it again... is that right? Is there a better way?
>
> Ron K3PID
>
>
>
>

# 6375. Re: [T-368_BC-610] T3 Clipping Level (more)

Yahoo group: T-368_BC-610
Date: 2016-04-02 23:42:05 UTC
From: Mark J. Blair
Topic: 6372  Message: 6375

> On Apr 1, 2016, at 19:57, Dennis DuValll w7qho@... [T-368_BC-610] <T-368_BC-610@yahoogroups.com> wrote:
>
>
>
> On my T-368s i just back the clipping level way off in the minimum position and then using a scope set the front panel gain control to a point where I’m neither bumping into the base line nor flat-topping on voice peaks too often. I.e., just like running a voice rig without a clipper.

If I recall correctly, I backed off my clipper in the same way. I have an analog scope on top of my T-368C, dedicated to being a modulation monitor and connected to the antenna output with a home-made voltage divider.

--
Mark J. Blair, NF6X <nf6x@... <mailto:nf6x@...>>
http://www.nf6x.net/ <http://www.nf6x.net/>

# 6376. INFO HO-17

Yahoo group: T-368_BC-610
Date: 2016-04-03 12:36:49 UTC
From: wassink@...
Topic: 6376  Message: 6376

Hello Group
for a radio friend who has bought a complete ho17 schelter ,therefore i need some info who can help him with mesurements and the used materials and maybe some foto`s from the renovation
thanksPA3HCO
JanWassink

# 6377. Re: [T-368_BC-610] INFO HO-17

Yahoo group: T-368_BC-610
Date: 2016-04-03 14:22:44 UTC
From: bob mccully
Topic: 6376  Message: 6377

Jan, A quick google search brought up several websites.  I've seen a technical manual on the shelter with contents listed and several good photos. Good luck, Bob

From: "wassink@... [T-368_BC-610]" <T-368_BC-610@yahoogroups.com>
To: T-368_BC-610@yahoogroups.com
Sent: Sunday, April 3, 2016 8:36 AM
Subject: [T-368_BC-610] INFO HO-17

Hello Groupfor a radio friend who has bought a complete ho17 schelter ,therefore i need some info who can help him with mesurements and the used materials and maybe some foto`s from the renovationthanksPA3HCOJanWassink

# 6378. HO17

Yahoo group: T-368_BC-610
Date: 2016-04-03 14:45:39 UTC
From: Alan Morriss
Topic: 4476  Message: 6378

hello jan , as you know , we rebuilt the shellter we got from you. it was done to the nearest we could to original spec. the roof is wooden slats over the early fibreglass insulation. this is covered with canvas and painted. we used decking canvas as used in sailboats. let me know what other details you want. alan G4GEn

# 6379. Re: [T-368_BC-610] INFO HO-17

Yahoo group: T-368_BC-610
Date: 2016-04-03 16:20:41 UTC
From: wa5cab@...
Topic: 6376  Message: 6379

Jan,

First question to answer is what radio or radios are in it or does he plan to put in it? By far the most common would be SCR-399-A/B. TM 11-281. I think I have one or two extras. Other sets were AN/MRC-1 and AN/MRC-2. Both require two HO-17's. AFAIK, the only manual done that is actually on the HO-17 is TM 11-2737 (reprint available). It covers adding Radio Set SCR-510 and Facsimile Set RC-58 to an existing SCR-399-A installation. No photos. and not much specifically on the HO-17 AN/GRC-38 is a similar (to SCR-399-C technically) post-war setup but it uses a later shelter.

I assume that this is in Europe. What country?

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

In a message dated 04/03/2016 07:36:52 AM Central Daylight Time,
T-368_BC-610@yahoogroups.com writes:
>
> Hello Group
> for a radio friend who has bought a complete ho17 schelter ,therefore i
> need some info
> who can help him with mesurements and the used materials and maybe some
> foto`s from the renovation
> thanksPA3HCO
> JanWassink
>
> Posted by: wassink@...
>

# 6380. BC-312-N Free for Pickup

Yahoo group: T-368_BC-610
Date: 2016-04-03 20:16:34 UTC
From: wa5cab@...
Topic: 6380  Message: 6380

W2ANZ says he has a restorable BC-312-N receiver free for pickup in Ivyland, PA. He's had it 45 years and says he last had it on 10-15 years ago. I have four photos I can send if anyone is interested. If it were within easy driving distance of Houston, I'd go get it myself.

According to Jon, it has been converted to AC. Rear photo shows that it has an RA-20 inside, so should be an easy un-mod for that. Front photos show original weird coax connector still present, and ungly plug still present. Front photos show spare fuse holder missing, and other two holders are twist type (probably no problem with that). Four jack covers missing. Upper two jacks missing and from two screw heads visible in photo, something mounted behind the two emply jack holes. It's a Farnsworth on a 1944 order.

Robert & Susan Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

# 6381. RE: [T-368_BC-610] HO17

Yahoo group: T-368_BC-610
Date: 2016-04-04 16:54:52 UTC
From: Thekan, Paul
Topic: 4476  Message: 6381

Alan...I was wondering what I would use to restore the canvas on my HO 17 with. Your decking canvas fix answered that. Thank you.

Good luck to Jans friend with his HO 17 restoration.

Paul
N6FEG

From: T-368_BC-610@yahoogroups.com [mailto:T-368_BC-610@yahoogroups.com]
Sent: Sunday, April 03, 2016 7:46 AM
To: T-368_BC-610@yahoogroups.com
Subject: [T-368_BC-610] HO17

hello jan , as you know , we rebuilt the shellter we got from you. it was done to the nearest we could to original spec. the roof is wooden slats over the early fibreglass insulation. this is covered with canvas and painted. we used decking canvas as used in sailboats. let me know what other details you want. alan G4GEn

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[Non-text portions of this message have been removed]

# 6382. INFO HO-17

Yahoo group: T-368_BC-610
Date: 2016-04-04 17:14:45 UTC
From: Thekan, Paul
Topic: 6376  Message: 6382

Jan , try this group . They may be of help . The focus there is the SCR 299 , 399 & 499.

https://groups.yahoo.com/neo/groups/SCR_299/info

Good luck
Paul
N6FEG

_____

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# 6383. The Voice of Victory - Yahoo Groups..HO-17

Yahoo group: T-368_BC-610
Date: 2016-04-04 17:36:33 UTC
From: Thekan, Paul
Topic: 6383  Message: 6383

Jan

This SCR 399 was built from scratch by a fellow in southern Calif whose name I cannot remember unfortunately. I remember though he obtained a original drawing package with dimensions of the shelter as made. I'll see if I can find him again.

In the meantime you can check out what he built

https://groups.yahoo.com/neo/groups/SCR_299/photos/photostream/lightbox/1245414465?orderBy=mtime&sortOrder=desc&photoFilter=ALL#zax/1245414465

Paul
N6FEG

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# 6384. Re: The Voice of Victory - Yahoo Groups..HO-17

Yahoo group: T-368_BC-610
Date: 2016-04-05 21:27:11 UTC
From: wassink@...
Topic: 6383  Message: 6384

Hello group first everybody thanks for the reply
The shelter is going from the netherlands to belgium.
als the chest and the bc610 (after war)are already in belgium ,including the typewriter(i am jealous)
the shelter is in bad condition and needs to be rebuild.
the complete back is apart from the floor
the new owner wants to now the materials inside and outside and inbetween of the shelter .
and ofcourse when it is possible somebody who has already rebuilt a shelter
thanks everybody
Jan Wassink
PA3HCO

# 6385. T-368 For Sale ***Updated***

Yahoo group: T-368_BC-610
Date: 2016-04-06 18:19:10 UTC
From: Gary Norman
Topic: 6385  Message: 6385

*T-368 Transmitter FOR SALE ***Updated****

‘C’ version RF deck & cabinet
Basic version Power Supply & Modulator

Located in north central Connecticut. LOCAL PICKUP ONLY.

Good condition. Kept in a dry de-humidified basement since 1990 _and
just recently moved into my garage (street level) for this sale._
_R__ecently run into a dummy load – put out 500 watts on 80 & 40 M.__
__There is an occasional whistle from inside the cabinet when there is
HV on the final._
No oil leakage from any transformers or chokes.
Right side of cabinet and small portion of top painted with a lighter
gray color – as received from Fair Radio. Very small overspray on front,
otherwise rest of cabinet is original paint.Pictures available on request.
Plate meter is missing its outside glass. _Inner glass is present._

Modifications have been made (mostly to the modulator deck) to add a
slow release relay circuit and revise the PTT and CW keying circuits.All
have been clearly documented on wiring diagrams.

Operating Manual (original), Maintenance Manual (copy) & Hex wrench
included.

Spare parts included –
Two (2) NIB 4-400 tubes
Six (6) NIB 4-125 tubes
Four (4) NIB 6000 tubes
VFO/exciter assembly (not complete)
Audio driver assembly
Modulation transformer
Final tank coil
Final tank bandswitch

Price: $1200 Cash on pickup

Contact: genorman1@...

Gary, W1PG

# 6386. T-368 For Sale ***Update***

Yahoo group: T-368_BC-610
Date: 2016-04-06 18:33:25 UTC
From: Gary Norman
Topic: 6386  Message: 6386

Resent due to missing text.
*
**T-368 Transmitter FOR SALE ***Updated****

‘C’ version RF deck & cabinet
Basic version Power Supply & Modulator

Located in north central Connecticut. LOCAL PICKUP ONLY.

Good condition. Kept in a dry de-humidified basement since 1990 and_just recently moved into my garage (street level) for this sale._
_Recently run into a dummy load – put out 500 watts on 80 & 40 M.__
__There is an occasional whistle from inside the cabinet when there is HV on the final._
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Right side of cabinet and small portion of top painted with a lighter gray color – as received from Fair Radio. Very small overspray on front, otherwise rest of cabinet is original paint. Pictures available on request.
Plate meter is missing its outside glass. _Inner glass is present._

Modifications have been made (mostly to the modulator deck) to add a slow release relay circuit and revise the PTT and CW keying circuits. All have been clearly documented on wiring diagrams.

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Four (4) NIB 6000 tubes
VFO/exciter assembly (not complete)
Audio driver assembly
Modulation transformer
Final tank coil
Final tank bandswitch

Price: $1200 Cash on pickup

Contact: genorman1@...

Gary, W1PG

# 6387. Screws for my HT4H

Yahoo group: T-368_BC-610
Date: 2016-04-16 09:43:32 UTC
From: radiokid@...
Topic: 6387  Message: 6387

Hello to all,I'm looking for screws suitable to connect the cable strings to the decks,I think this are screws No 8 , 0.4 inch long , UNF, 36 turns per inch , 0.162 inch diameter,slot hat. I have noticed,that the original screws sometimes (too often) broke when fastening.unfortunately this screws are not available in DL-land.Who can help? Can one member of this group send to me in Germany a parcel of this screws in a better quality then the 60 years old types?
many thanks in advance for help,will bring this nice and rare transmitter back to life.
vy 73s Peter DK6KT

# 6388. Re: [T-368_BC-610] Screws for my HT4H

Yahoo group: T-368_BC-610
Date: 2016-04-17 15:07:05 UTC
From: wa5cab@...
Topic: 6387  Message: 6388

Peter,

Are you certain about the #8-36 UNF? I've never owned an HT-4 but have owned several BC-610's, at least one each of every model from BC-610-E through T-213/GRC-26. And I don't recall ever encountering that thread in one of them. That is a valid and readily available thread but even in the early 1950's, I can't recall but one major contractor (Teletype Corp) that routinely used UNF instead of #8-32 UNC machine screws for mundane tasks like cable clamps.

You also need to specify the head type more fully. Probably they are binding head but could be round head (or much less likely some other types). And although if you haven't misplaced any of the washers, they should be OK. But I would recommend you replace the hex nuts, for which you will need to specify the hex dimensions (width across the flats) as machine screw nuts are and were available in at least two sizes for most threads.

Also, machine screws are normally specified in fractional rather than decimal inches. And outside of custom orders are made in length increments of 1/16" (0.0625"). So the screw length is probably either 3/8" (0.375") or 7/16" (0.4375").

If no one else has already volunteered, contact me direct.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

In a message dated 04/16/2016 04:43:36 AM Central Daylight Time,
T-368_BC-610@yahoogroups.com writes:
> Hello to all, I'm looking for screws suitable to connect the cable
> strings to the decks, I think this are screws No 8 , 0.4 inch long, UNF, 36 turns
> per inch , 0.162 inch diameter, slot head. I have noticed,that the
> original screws sometimes (too often) broke when fastening.unfortunately this
> screws are not available in DL-land.Who can help? Can one member of this group
> send to me in Germany a parcel of this screws in a better quality then the
> 60 years old types?
> many thanks in advance for help,will bring this nice and rare transmitter
> back to life.
> vy 73s Peter DK6KT
> radiokid@...
>